



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **48608** | Service: **DTV** | Call **WPXM-TV** | Channel: **21 (UHF)** |  
ID:  
File **0000028529**  
Number:  
FRN: **0003720042** | Date **04/04**  
Submitted: **/2018**

## Applicant Information

### Applicant Name, Type, and Contact Information

| Applicant   | Address   | Phone             | Email                      | Applicant Type            |
|---|---|-------------------|----------------------------|---------------------------|
| <b>ION MEDIA LICENSE COMPANY, LLC</b>             | Michael Hubner  | +1 (212) 603-8407 | MichaelHubner@ionmedia.com | Limited Liability Company |
| Doing Business As: ION MEDIA LICENSE COMPANY, LLC | 810 Seventh Avenue<br>31st Floor<br>New York, NY 10019<br>United States |                   |                            |                           |

## Reimbursement Contact Name and Information

| Applicant      | Address | Phone | Email |
|----------------|---------|-------|-------|
| [Confidential] |         |       |       |

## 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 ATC to IWG tower. Use interim antenna at IWG until repack testing phase concludes. Install new transmitter and transmission line to interim ant, re-channel to post repack channel on new main antenna. See Transmitters and Antenna Exhibit. |

**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<br/>Description</b>           | Type of change   | Purchase<br>New   |
|   | Use  | Primary<br>(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<br/>Manufacturer and Type</b> | Manufacturer   |                   |
|   | Model  | Ultimate          |
|   | Year   | 2003              |
|   | Type   | Solid State       |
|   | Solid State Cooling  | Liquid<br>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                                     | THU9-8 EVO  |
|                 | Transmitter Type                          | Solid State   |
|                 | Solid State Cooling                       | Liquid Cooled   |
|                 | Solid State Power capacity                | 13 kW   |
|                 | Justification for New Transmitter         | See attached Ultimate and Optimum Transmitter and Transition Plan Exhibits. New tower location requires additional TPO for interim operation. |

**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 |
| <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>RF Interconnect</b>               | Interconnect between RF System and transmission line       |
| <b>Removal of Existing Equipment</b> | Removal of existing transmitters and equipment / Site Prep |



**Antennas**

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

**Primary  
Antenna**

**Existing Antenna Information**

| Section   | Question   | Response           |
|---|--|--------------------|
| <b>Existing Antenna<br/>Description</b>           | Type of change   | Purchase<br>New    |
|   | Antenna Use  | Primary<br>(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?  | Yes                |
| <b>Existing Antenna<br/>Manufacturer and Type</b> | Class  | Full Power         |
|   | Mounting   | Top Mount          |
|   | Antenna position in stack  | Not in Stack       |
|   | Polarization   | Horizontal         |
|   | Type   | Slotted<br>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)<br>.....                         | 242.0 kW           |
|   |  |                    |



|              |                      |
|--------------|----------------------|
| Manufacturer |                      |
| Model        | ATW19H3-<br>HSPX-35S |
| Year         | 2009                 |

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?                            | No              |
|                                    | 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)<br>.....                             | 96.0 kW         |
|                                    | Manufacturer   |                 |
|                                    |  |                 |

|                               |  |
|-------------------------------|--|
| Model                         | TFU-18DSC<br>/VP-R P230                      |
| 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<br>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<br>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? | Yes               |
| <b>New Antenna<br/>Manufacturer and Type</b> | Class  | Full Power        |
|  | Mounting   | Side Mount        |
|  | Antenna position in stack  | Not in Stack      |
|  | Polarization   | Horizontal        |
|  | Type   | Broadband<br>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)<br>.....                             | 150.0 kW          |
|  | Manufacturer   |                   |
|  | Model  | TFU-WB-8          |
|  | Year   | 2017              |
|  |  |                   |

|  |                               |  |
|--|-------------------------------|--|
|  | Justification for New Antenna | Interim antenna will operate on current channel from IWG tower until repack phase concludes and the station cuts over to main antenna on repack channel. |
|--|-------------------------------|--|

**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<br>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   | 20 inches         |
|   | Other Segment Length   | N/A               |
|   | Number of parallel runs  | 1                 |
|   | Length   | 1014 feet per run |



**Primary**      **New Transmission Line**  
**Transmission Line**      **Section**

|                                    | Question                                  | Response                               |
|------------------------------------|---|--|
| <b>New Transmission Line Costs</b> | 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                            | Broadband                              |
|                                    | Other Segment Length                      | N/A                                    |
|                                    | Number of parallel runs                   | 1                                      |
|                                    | Length                                    | 1040 feet per run                      |
|                                    | Justification for New Transmission Line   | See attached Transmission Line Exhibit |

**Primary**      **Other Transmission Line Expenses Not Listed**  
**Transmission Line**      **Information not provided.**

**Tower  
Equipment  
And  
Rigging  
Costs**

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

**Primary  
Tower**

**Add Tower**

| Section  | Question  | Response          |
|--|---|-------------------|
| Existing Tower Description                         | Type of change  | Modify Existing   |
|  | Tower Use   | Primary (Main)    |
|  | Description of Use                                      | N/A               |
|  | Ownership   | Leased            |
|  | Is this tower consider Complex?                         | Candelabra        |
|  | Is this tower currently shared with any other stations? | Yes               |
|  | One or more FM, AM or TV radio broadcaster(s)           | Yes               |
|  | Others Types of Users                                   | No                |
|  | Is tower documented for structural analysis?            | Unknown           |
|  | Is tower compliant with Rev G?                          | No                |
| Existing Tower Structure Registration              | Do you have a tower registration number?                | Yes               |
|  | ASR Number  | 1029604           |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83)  | 25° 57' 31.0" N-  |
|  | Longitude (NAD83)                                       | 080° 12' 43.0" W- |
|  | Overall Structure Height                                | 1042.97 feet      |
|  | Support Structure Height                                | 981.62 feet       |
|  | Ground Elevation Above Mean Sea Level (AMSL)            | 6.23 feet         |
|  |   |                   |

|  |                  |   |
|--|------------------|---|
|  | Structure Type   | GTOWER -<br>Guyed<br>Structure Used<br>for<br>Communication<br>Purposes |
|  | Tower Owner      | IWG Miami   |
|  | Date Constructed | 11/25/1977  |

**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 |
|-------------|-----------|---------|
| 72982       | WHQT      | FM      |
| 71418       | WEDR      | FM      |
| 72984       | WFLC      | FM      |
| 40408       | WFEZ      | FM      |
| 13456       | WPBT      | 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:     | Serious Reinforcements needed     |

## Primary Tower

### Tower Rigging Costs

| Section             | Question      | Response   |
|---------------------|---------------|------------|
| Tower Rigging Costs | Complex Tower | Candelabra |

|   |                                   |    |
|---|-----------------------------------|----|
| <b>Helicopter Services<br/>Required</b> | Are helicopter services required? | No |
|---|-----------------------------------|----|

**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  | 1224225  |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83)  | 25° 59' 10.0" N-   |
|  | Longitude (NAD83)                                       | 080° 11' 36.3" W-  |
|  | Overall Structure Height                                | 1019.02 feet   |
|  | Support Structure Height                                | 942.90 feet  |
|  | Ground Elevation Above Mean Sea Level (AMSL)            | 11.15 feet   |
|  | Structure Type  | GTOWER - Guyed Structure Used for Communication Purposes |
|  | Tower Owner   | American Towers, LLC.                                    |

|  |                  |            |
|--|------------------|------------|
|  | Date Constructed | 10/12/2001 |
|--|------------------|------------|

**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 |
|-------------|-----------|---------|
| 51349       | WBEC-TV   | DTV     |
| 29567       | WSFS      | FM      |
| 41381       | WHYI-FM   | FM      |
| 60536       | WAMI-DT   | DTV     |
| 64971       | WSCV      | DTV     |
| 4366        | WIMP-CD   | DTV     |
| 51978       | WMIA-FM   | FM      |
| 29547       | WSBS-CD   | DTV     |
| 67193       | WMIB      | FM      |
| 11965       | WBGG-FM   | FM      |

**Primary  
Tower**

**Tower Rigging Costs**

| Section                                 | Question                          | Response   |
|---|-----------------------------------|------------|
| <b>Tower Rigging Costs</b>              | Complex Tower                     | Candelabra |
| <b>Helicopter Services<br/>Required</b> | Are helicopter services required? | No         |

**Primary  
Tower**

**Other Tower Expenses Not Listed**

Information not provided.

**Outside  
Professional Services Costs**

| Section   | Question   | Response                   |
|---|--|----------------------------|
| <b>Outside Project Management Services</b>            | Do you require outside project management services?                          | Yes                        |
|   | Number of Hours  | 180                        |
|   | Explanation  | Required by tower landlord |
| <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  | No  |
|                                      | Environmental Assessment   | Yes |
|                                      | ASR Modification   | No  |
|                                      | FAA Consultation (including preparation of FAA Form 7460)                                  | No  |
|                                      | 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**

Services 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<br/>Expenses</b> | <b>Other Expenses Not Listed</b><br>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 THU9-8 EVO  | \$638,750.00                | \$551,700.00   |   | \$153,690.67 |  |
| Other Electrical Service: Electrical Installation for replacement transmitter | <i>\$74,000.00</i>          | \$74,000.00    | Per FCC Request, ION is revising the estimate for electrical installation with updated quote from Eagle 1 Electric, Inc. Please see attached "Eagle 1 Electric, Inc. #190 (Revised)" for scope of work. | \$37,000.00  | Actual cost of electrical installation greater than pre-determined estimate. Supporting documentation has been corrected and attached. |
| 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  |
| 5 Ton system  | \$20,250.00                 | \$19,250.00    | N/A   | \$16,965.00  | N/A  |

|  |                |                |  |              |     |
|--|----------------|----------------|--|--------------|-----|
| UHF -<br>Liquid<br>Cooled<br>Solid State<br>Transmitter<br>8.2 - 13 kW | \$494,500.00   | \$408,450.00   | See<br>attached<br>Explanation<br>of Request<br>for<br>Transmitters<br>and<br>Antenna<br>Information<br>Exhibit. | \$99,725.67  | N/A |
| <b>Sub-total</b>   | \$638,750.00   | \$551,700.00   | N/A  | \$153,690.67 | N/A |
| <b>Total for all<br/>systems</b>                                       | \$3,339,490.00 | \$1,565,796.00 | N/A  | \$552,278.12 | N/A |

## Components

| Actual Information  |  |
|---|--|
| Description   | File Name  |
| Other Electrical Service:<br>Electrical Installation for<br>replacement transmitter | <p><b>Component Description:</b> 50% "deposit" payment for electrical installation. Supporting documentation corrected and attached. This invoice has been paid.</p> <p><b>Amount:</b> \$37,000.00</p> |
| RF Interconnect   | Information not provided.  |
| Removal of Existing Equipment   | Information not provided.  |

|   |   |
|---|---|
| 5 Ton system  | <div> <div>Component Description:</div> <div>Cost of labor and materials to install one (10 ton) HVAC system. Supporting documentation attached. This invoice has been paid.</div> </div> <div> <div>Amount:</div> <div>\$16,965.00</div> </div>  |
| UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW | <div> <div>Component Description:</div> <div>25% "down payment" for Rohde &amp; Schwarz transmitter. Cost breakdown &amp; supporting documentation attached. This invoice has been paid.</div> </div> <div> <div>Amount:</div> <div>\$92,992.50</div> </div> <div> <div>Component Description:</div> <div>Cost of cable management tray to secure all transmitter wiring. Supporting documentation attached. This invoice has been paid.</div> </div> <div> <div>Amount:</div> <div>\$6,733.17</div> </div> |

## 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>\$10,781.10</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   | \$5,760.00         | N/A                       |

|  |                     |                     |   |                    |     |
|--|---------------------|---------------------|---|--------------------|-----|
| Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)                                  | \$9,570.00          | \$7,193.00          | N/A   | \$5,021.10         | N/A |
| <b>Primary Antenna TFU-18DSC /VP-R P230</b>  | <b>\$250,910.00</b> | <b>\$100,408.00</b> |   | <b>\$75,429.45</b> |     |
| UHF - Lower Power Side Mount, One Station antenna . medium power (50-200 kW), elliptically or circularly polarized | \$103,100.00        | \$0.00              | This item is a duplicate entry that is being generated by the LMS due to a technical error. The FCC has been made aware of this issue. The estimated cost of \$0.00 has been input only for the purpose of clicking to the subsequent cost section. | N/A                | N/A |

|   |              |             |   |             |     |
|---|--------------|-------------|---|-------------|-----|
| UHF -<br>Lower<br>Power<br>Side<br>Mount,<br>One<br>Station<br>antenna .<br>medium<br>power (50-<br>200 kW),<br>elliptically<br>or<br>circularly<br>polarized | \$103,100.00 | \$61,020.00 | ***System<br>Notice:<br>Estimate<br>adjusted<br>and locked<br>because<br>line has<br>been<br>superseded.<br>***The<br>estimated<br>cost has<br>been re-<br>entered<br>due to a<br>technical<br>error with<br>the LMS<br>form. Per<br>FCC<br>procedure,<br>we have re-<br>entered the<br>original<br>cost<br>estimate<br>that ties to<br>our original<br>submission<br>while the<br>technical<br>issue is<br>resolved. | \$61,020.00 | N/A |
| Elbow<br>complex,<br>single<br>channel, at<br>antenna<br>input, per 4<br>1/16.<br>feedline (if<br>needed)   | \$9,570.00   | \$9,100.00  | N/A   | \$4,138.20  | N/A |
| Sweep test<br>of existing<br>antenna  | \$6,730.00   | \$6,400.00  | N/A   | \$2,880.00  | N/A |



|  |                |                |     |              |     |
|--|----------------|----------------|-----|--------------|-----|
| Side mount brackets for high power antennas (if not included in antenna base cost)                     | \$23,150.00    | \$18,888.00    | N/A | \$7,391.25   | 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 |
| <b>Sub-total</b>   | \$356,610.00   | \$184,001.00   | N/A | \$86,210.55  | N/A |
| <b>Total for all systems</b>   | \$3,339,490.00 | \$1,565,796.00 | N/A | \$552,278.12 | 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  | <div> <div>Component Description:</div> <div>45% "down payment" for repack sweep of interim operations. Supporting documentation attached. This invoice has been paid.</div> </div> <div> <div>Amount:</div> <div>\$2,880.00</div> </div>   |
| Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed) | <div> <div>Component Description:</div> <div>45% "prior to ship" payment for repack sweep of interim operations. Supporting documentation attached. This invoice has been paid.</div> </div> <div> <div>Amount:</div> <div>\$2,880.00</div> </div>  |
|   | <div> <div>Component Description:</div> <div>45% "prior to ship" payment for interim reducer. In filing the Form 399, ION assumed the cost of interim reducer would be included in this category. Supporting documentation attached. This invoice has been paid.</div> </div> <div> <div>Amount:</div> <div>\$658.35</div> </div> |

|                               |  |
|-------------------------------|--|
| <b>Component Description:</b> | 45% "down payment" for interim reducer. In filing the Form 399, ION assumed the cost of the interim reducer would be included in this category. Supporting documentation attached. This invoice has been paid. |
| <b>Amount:</b>                | \$658.35   |

|                               |   |
|-------------------------------|---|
| <b>Component Description:</b> | 45% "down payment" for interim jumper air flex. In filing the Form 399, ION assumed the cost for interim jumper air flex would be included in this category. Supporting documentation attached. This invoice has been paid. |
| <b>Amount:</b>                | \$1,852.20  |

|  |   |
|--|---|
|  | <p><b>Component Description:</b></p> <p>45% "prior to ship" payment for interim jumper air flex. In filing the Form 399, ION assumed the cost of interim jumper air flex would be included in this category. Supporting documentation attached. This invoice has been paid.</p> <p><b>Amount:</b></p> <p>\$1,852.20</p> |
| UHF - Lower Power Side Mount, One Station antenna . medium power (50-200 kW), elliptically or circularly polarized | Information not provided.   |
| UHF - Lower Power Side Mount, One Station antenna . medium power (50-200 kW), elliptically or circularly polarized | <p><b>Component Description:</b></p> <p>45% "down payment" for primary antenna. Explanation of variance and supporting documentation attached. This invoice has been paid.</p> <p><b>Amount:</b></p> <p>\$61,020.00</p>   |

|  |  |                                      |   |                       |                   |                                      |   |                       |                   |
|--|--|--------------------------------------|---|-----------------------|-------------------|--------------------------------------|---|-----------------------|-------------------|
| <p>Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)</p> | <table> <tr> <td data-bbox="708 98 1107 770"> <p><b>Component Description:</b></p> </td><td data-bbox="1107 98 1426 770"> <p>45% "down payment" for flanges. In filing the Form 399, ION assumed the cost of this item would be included in this category. Explanation of variance and supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="708 770 1107 860"> <p><b>Amount:</b></p> </td><td data-bbox="1107 770 1426 860"> <p>\$513.45</p> </td></tr> <tr> <td data-bbox="708 860 1107 1442"> <p><b>Component Description:</b></p> </td><td data-bbox="1107 860 1426 1442"> <p>45% "down payment" for primary antenna elbow complex. Explanation of variance and supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="708 1442 1107 1532"> <p><b>Amount:</b></p> </td><td data-bbox="1107 1442 1426 1532"> <p>\$3,624.75</p> </td></tr> </table> | <p><b>Component Description:</b></p> | <p>45% "down payment" for flanges. In filing the Form 399, ION assumed the cost of this item would be included in this category. Explanation of variance and supporting documentation attached. This invoice has been paid.</p> | <p><b>Amount:</b></p> | <p>\$513.45</p>   | <p><b>Component Description:</b></p> | <p>45% "down payment" for primary antenna elbow complex. Explanation of variance and supporting documentation attached. This invoice has been paid.</p> | <p><b>Amount:</b></p> | <p>\$3,624.75</p> |
| <p><b>Component Description:</b></p>   | <p>45% "down payment" for flanges. In filing the Form 399, ION assumed the cost of this item would be included in this category. Explanation of variance and supporting documentation attached. This invoice has been paid.</p>  |                                      |   |                       |                   |                                      |   |                       |                   |
| <p><b>Amount:</b></p>  | <p>\$513.45</p>  |                                      |   |                       |                   |                                      |   |                       |                   |
| <p><b>Component Description:</b></p>   | <p>45% "down payment" for primary antenna elbow complex. Explanation of variance and supporting documentation attached. This invoice has been paid.</p>  |                                      |   |                       |                   |                                      |   |                       |                   |
| <p><b>Amount:</b></p>  | <p>\$3,624.75</p>  |                                      |   |                       |                   |                                      |   |                       |                   |
| <p>Sweep test of existing antenna</p>  | <table> <tr> <td data-bbox="708 1442 1107 2002"> <p><b>Component Description:</b></p> </td><td data-bbox="1107 1442 1426 2002"> <p>45% "down payment" for repack sweep of primary antenna operations. Explanation of variance and supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="708 2002 1107 2087"> <p><b>Amount:</b></p> </td><td data-bbox="1107 2002 1426 2087"> <p>\$2,880.00</p> </td></tr> </table>   | <p><b>Component Description:</b></p> | <p>45% "down payment" for repack sweep of primary antenna operations. Explanation of variance and supporting documentation attached. This invoice has been paid.</p>  | <p><b>Amount:</b></p> | <p>\$2,880.00</p> |                                      |   |                       |                   |
| <p><b>Component Description:</b></p>   | <p>45% "down payment" for repack sweep of primary antenna operations. Explanation of variance and supporting documentation attached. This invoice has been paid.</p>   |                                      |   |                       |                   |                                      |   |                       |                   |
| <p><b>Amount:</b></p>  | <p>\$2,880.00</p>  |                                      |   |                       |                   |                                      |   |                       |                   |

|  |  |
|--|--|
| Side mount brackets for high power antennas (if not included in antenna base cost)                     | <div> <div> <b>Component Description:</b> </div> <div> 45% "down payment" for primary antenna side mount brackets.<br/> Explanation of variance and supporting documentation attached. This invoice has been paid. </div> </div> <div> <b>Amount:</b> </div> <div> \$7,391.25 </div> |
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | Information not provided.  |

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<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification | Actual Cost  | Actual Cost<br>Justification |
|---|--------------------------------|-------------------|------------------------------------|--------------|------------------------------|
| Primary<br>Transmission<br>Line                                     | \$169,520.00                   | \$140,000.00      |                                    | \$107,339.40 |                              |
| Rigid<br>Transmission<br>Line -<br>copper, 4 1<br>/16"<br>broadband | \$169,520.00                   | \$140,000.00      | N/A                                | \$107,339.40 | N/A                          |
| Sub-total   | \$169,520.00                   | \$140,000.00      | N/A                                | \$107,339.40 | N/A                          |
| Total for all<br>systems  | \$3,339,490.00                 | \$1,565,796.00    | N/A                                | \$552,278.12 | N/A                          |

Components

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

Rigid Transmission Line -  
copper, 4 1/16" broadband

**Component Description:**

45% "down  
payment" for  
primary  
transmission line.  
Supporting  
documentation  
attached. This  
invoice has been  
paid.

**Amount:**

\$53,669.70

**Component Description:**

45% "prior to ship"  
payment for  
primary  
transmission line.  
Supporting  
documentation  
attached. This  
invoice has been  
paid.

**Amount:**

\$53,669.70



## 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 |
|---|-----------------------------|---------------------|--|---------------------|---------------------------|
| <b>Primary Tower GTOWER</b>   | <b>\$421,000.00</b>         | <b>\$0.00</b>       |  | <b>\$0.00</b>       |                           |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | \$421,000.00                | \$0.00              | N/A  | N/A                 | N/A                       |
| <b>Primary Tower GTOWER</b>   | <b>\$1,485,600.00</b>       | <b>\$447,000.00</b> |  | <b>\$201,350.00</b> |                           |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | \$421,000.00                | \$400,000.00        | See Shared Equipment Exhibit for more information. | \$201,350.00        | N/A                       |
| Structural engineering tower load study for well documented tower                     | \$12,600.00                 | \$12,000.00         | See Shared Equipment Exhibit for more information. | N/A                 | N/A                       |

|  |                |                |  |              |     |
|--|----------------|----------------|--|--------------|-----|
| Serious tower reinforcement /modifications | \$1,052,000.00 | \$35,000.00    | See the attached Shared Equipment and Explanation of Request for Tower Expense Information Exhibits. | N/A          | N/A |
| <b>Sub-total</b>                           | \$1,906,600.00 | \$447,000.00   | N/A  | \$201,350.00 | N/A |
| <b>Total for all systems</b>               | \$3,339,490.00 | \$1,565,796.00 | N/A  | \$552,278.12 | N/A |

## Components

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

|   |  |
|---|--|
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | <div data-bbox="710 168 1364 571"> <p><b>Component Description:</b> 25% "after install" payment for tower service. Cost breakdown and supporting documentation attached. This invoice has been paid.</p> <p><b>Amount:</b> \$50,337.50</p> </div> <div data-bbox="710 660 1364 1064"> <p><b>Component Description:</b> 65% "mobilization" payment for tower service. Cost breakdown and supporting documentation attached. This invoice has been paid.</p> <p><b>Amount:</b> \$130,877.50</p> </div> <div data-bbox="710 1153 1364 1534"> <p><b>Component Description:</b> 10% "deposit" for tower service. Cost breakdown and supporting documentation attached. This invoice has been paid.</p> <p><b>Amount:</b> \$20,135.00</p> </div> |
| Structural engineering tower load study for well documented tower                     | Information not provided.  |
| Serious tower reinforcement /modifications  | 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 |
|---|-----------------------------|---------------------|------------------------------|-------------------|---------------------------|
| <b>Outside Professional Services</b>  | <b>\$179,130.00</b>         | <b>\$161,280.00</b> |                              | <b>\$3,687.50</b> |                           |
| 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                       |
| 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                       |
| 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 -<br>Prepare and<br>File FCC Form<br>2100 (main),<br>License to<br>Cover<br>Application     | \$2,365.00  | \$2,250.00  | N/A   | N/A        | N/A |
| Attorney Fees -<br>Prepare and<br>File FCC Form<br>2100 (main),<br>Construction<br>Permit<br>Application  | \$5,260.00  | \$5,000.00  | N/A   | \$0.00     | N/A |
| Prepare<br>request for<br>Special<br>Temporary<br>Authorization   | \$2,050.00  | \$1,500.00  | N/A   | \$1,250.00 | N/A |
| Prepare<br>engineering<br>section of FCC<br>Form 2100<br>(main), License<br>to Cover<br>Application       | \$1,580.00  | \$1,500.00  | N/A   | N/A        | N/A |
| Prepare<br>engineering<br>section of FCC<br>Form 2100<br>(main),<br>Construction<br>Permit<br>Application | \$3,155.00  | \$3,000.00  | N/A   | \$2,000.00 | N/A |
| Perform<br>engineering<br>study for new<br>channel<br>assignment<br>and antenna<br>development            | \$7,360.00  | \$7,000.00  | N/A   | \$437.50   | N/A |
| Project<br>management of<br>the transition  | \$28,440.00 | \$18,530.00 | See AT<br>Exhibit for<br>more<br>information. | N/A        | N/A |

|  |                |                |     |              |     |
|--|----------------|----------------|-----|--------------|-----|
| Prepare and or<br>review<br>reimbursement<br>form  | \$2,630.00     | \$2,500.00     | N/A | N/A          | N/A |
| Address<br>transition<br>timing and<br>coordination<br>issues w/ other<br>stations and<br>wireless | \$2,630.00     | \$2,500.00     | N/A | N/A          | N/A |
| <b>Sub-total</b>   | \$179,130.00   | \$161,280.00   | N/A | \$3,687.50   | N/A |
| <b>Total for all<br/>systems</b>   | \$3,339,490.00 | \$1,565,796.00 | N/A | \$552,278.12 | N/A |

## Components

| Actual Information  |                           |
|---|---------------------------|
| Description   | File Name                 |
| RF Exposure<br>Measurements   | Information not provided. |
| Comprehensive coverage<br>verification via field study, if<br>needed  | Information not provided. |
| Environmental<br>Assessment, if triggered by<br>NEPA Section 106 review<br>or for certain structures<br>over 450 feet | Information not provided. |
| Attorney Fees - Prepare<br>and File request for Special<br>Temporary Authorization                                    | Information not provided. |
| Attorney Fees - Negotiation<br>of lease and other matters<br>for shared locations                                     | Information not provided. |
| Attorney Fees -Prepare and<br>File FCC Form 2100<br>(main), License to Cover<br>Application                           | Information not provided. |

Attorney Fees - Prepare  
and File FCC Form 2100  
(main), Construction Permit  
Application

**Component Description:**

Invoice for  
WPXM'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. Cover  
letter, hourly  
supporting  
documentation and  
invoice attached.

**Amount:**

\$4,742.99

**Component Description:**

Invoice for station's  
portion of general  
repack legal  
expenses incurred  
for 42 of the ION  
repack stations for  
period 2/1/2017 -  
12/15/2017. Payee  
has corresponded  
with FCC staff and  
has provided  
corrected  
supporting  
documentation.

**Amount:**

\$4,837.97

|   |   |                               |   |                |            |                               |   |                |            |
|---|---|-------------------------------|---|----------------|------------|-------------------------------|---|----------------|------------|
| <p>Prepare request for Special Temporary Authorization</p>                                  | <table> <tr> <td data-bbox="710 168 1013 212"><b>Component Description:</b></td><td data-bbox="1149 168 1412 604"> <p>Cost of engineering consultant work on special temporary authority request revision. Hourly supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="710 616 821 660"><b>Amount:</b></td><td data-bbox="1149 616 1252 660">\$250.00</td></tr> <tr> <td data-bbox="710 750 1013 795"><b>Component Description:</b></td><td data-bbox="1149 750 1412 1142"> <p>Cost of engineering consultant work for special temporary authority request. Hourly supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="710 1153 821 1198"><b>Amount:</b></td><td data-bbox="1149 1153 1268 1198">\$1,000.00</td></tr> </table> | <b>Component Description:</b> | <p>Cost of engineering consultant work on special temporary authority request revision. Hourly supporting documentation attached. This invoice has been paid.</p> | <b>Amount:</b> | \$250.00   | <b>Component Description:</b> | <p>Cost of engineering consultant work for special temporary authority request. Hourly supporting documentation attached. This invoice has been paid.</p> | <b>Amount:</b> | \$1,000.00 |
| <b>Component Description:</b>   | <p>Cost of engineering consultant work on special temporary authority request revision. Hourly supporting documentation attached. This invoice has been paid.</p>   |                               |   |                |            |                               |   |                |            |
| <b>Amount:</b>  | \$250.00  |                               |   |                |            |                               |   |                |            |
| <b>Component Description:</b>   | <p>Cost of engineering consultant work for special temporary authority request. Hourly supporting documentation attached. This invoice has been paid.</p>   |                               |   |                |            |                               |   |                |            |
| <b>Amount:</b>  | \$1,000.00  |                               |   |                |            |                               |   |                |            |
| <p>Prepare engineering section of FCC Form 2100 (main), License to Cover Application</p>    | <p>Information not provided.</p>  |                               |   |                |            |                               |   |                |            |
| <p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p> | <table> <tr> <td data-bbox="710 1512 1013 1556"><b>Component Description:</b></td><td data-bbox="1149 1512 1412 1982"> <p>Cost of engineering consultant preparation of engineering section of FCC Form 2100. Hourly supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="710 1993 821 2038"><b>Amount:</b></td><td data-bbox="1149 1993 1268 2038">\$2,000.00</td></tr> </table>  | <b>Component Description:</b> | <p>Cost of engineering consultant preparation of engineering section of FCC Form 2100. Hourly supporting documentation attached. This invoice has been paid.</p>  | <b>Amount:</b> | \$2,000.00 |                               |   |                |            |
| <b>Component Description:</b>   | <p>Cost of engineering consultant preparation of engineering section of FCC Form 2100. Hourly supporting documentation attached. This invoice has been paid.</p>  |                               |   |                |            |                               |   |                |            |
| <b>Amount:</b>  | \$2,000.00  |                               |   |                |            |                               |   |                |            |



|   |   |                                      |  |                       |                |                                      |  |                       |                 |                                      |  |                       |                 |
|---|---|--------------------------------------|--|-----------------------|----------------|--------------------------------------|--|-----------------------|-----------------|--------------------------------------|--|-----------------------|-----------------|
| <p>Perform engineering study for new channel assignment and antenna development</p> | <table> <tr> <td data-bbox="708 98 1107 748"> <p><b>Component Description:</b></p> </td><td data-bbox="1107 98 1426 748"> <p>Cost of engineering consultant work for new channel assignment and antenna development. Hourly supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="708 748 1107 792"> <p><b>Amount:</b></p> </td><td data-bbox="1107 748 1426 792"> <p>\$62.50</p> </td></tr> <tr> <td data-bbox="708 792 1107 1263"> <p><b>Component Description:</b></p> </td><td data-bbox="1107 792 1426 1263"> <p>Cost of engineering consultant work for new channel assignment and antenna development. Hourly supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="708 1263 1107 1308"> <p><b>Amount:</b></p> </td><td data-bbox="1107 1263 1426 1308"> <p>\$125.00</p> </td></tr> <tr> <td data-bbox="708 1308 1107 1980"> <p><b>Component Description:</b></p> </td><td data-bbox="1107 1308 1426 1980"> <p>Cost of engineering consultant work for new channel assignment and antenna development. Hourly supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="708 1980 1107 2024"> <p><b>Amount:</b></p> </td><td data-bbox="1107 1980 1426 2024"> <p>\$250.00</p> </td></tr> </table> | <p><b>Component Description:</b></p> | <p>Cost of engineering consultant work for new channel assignment and antenna development. Hourly supporting documentation attached. This invoice has been paid.</p> | <p><b>Amount:</b></p> | <p>\$62.50</p> | <p><b>Component Description:</b></p> | <p>Cost of engineering consultant work for new channel assignment and antenna development. Hourly supporting documentation attached. This invoice has been paid.</p> | <p><b>Amount:</b></p> | <p>\$125.00</p> | <p><b>Component Description:</b></p> | <p>Cost of engineering consultant work for new channel assignment and antenna development. Hourly supporting documentation attached. This invoice has been paid.</p> | <p><b>Amount:</b></p> | <p>\$250.00</p> |
| <p><b>Component Description:</b></p>  | <p>Cost of engineering consultant work for new channel assignment and antenna development. Hourly supporting documentation attached. This invoice has been paid.</p>  |                                      |  |                       |                |                                      |  |                       |                 |                                      |  |                       |                 |
| <p><b>Amount:</b></p>   | <p>\$62.50</p>  |                                      |  |                       |                |                                      |  |                       |                 |                                      |  |                       |                 |
| <p><b>Component Description:</b></p>  | <p>Cost of engineering consultant work for new channel assignment and antenna development. Hourly supporting documentation attached. This invoice has been paid.</p>  |                                      |  |                       |                |                                      |  |                       |                 |                                      |  |                       |                 |
| <p><b>Amount:</b></p>   | <p>\$125.00</p>   |                                      |  |                       |                |                                      |  |                       |                 |                                      |  |                       |                 |
| <p><b>Component Description:</b></p>  | <p>Cost of engineering consultant work for new channel assignment and antenna development. Hourly supporting documentation attached. This invoice has been paid.</p>  |                                      |  |                       |                |                                      |  |                       |                 |                                      |  |                       |                 |
| <p><b>Amount:</b></p>   | <p>\$250.00</p>   |                                      |  |                       |                |                                      |  |                       |                 |                                      |  |                       |                 |
| <p>Project management of the transition</p>   | <p>Information not provided.</p>  |                                      |  |                       |                |                                      |  |                       |                 |                                      |  |                       |                 |

|  |                           |
|--|---------------------------|
| Prepare and or review reimbursement form   | Information not provided. |
| Address transition timing and coordination issues w/ other stations and wireless | 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 |
|---|-----------------------------|--------------------|--|---------------|---------------------------|
| <b>Other Expenses</b>                                     | <b>\$88,880.00</b>          | <b>\$81,815.00</b> |  | <b>\$0.00</b> |                           |
| MVPD Notification of Channel Change                       | <i>\$1,800.00</i>           | \$1,800.00         | N/A  | N/A           | 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                       |
| DTV Medical Facility Notification                         | \$11,550.00                 | \$4,500.00         | N/A  | N/A           | N/A                       |
| Local Zoning  | <i>\$25,000.00</i>          | \$25,000.00        | 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                       |
| 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) | <b>\$15,000.00</b> | \$15,000.00    | N/A | N/A          | N/A |
| Equipment Delivery and Handling Charges                                  | <b>\$10,000.00</b> | \$10,000.00    | N/A | N/A          | N/A |
| Equipment Storage  | <b>\$10,000.00</b> | \$10,000.00    | N/A | N/A          | N/A |
| <b>Sub-total</b>   | \$88,880.00        | \$81,815.00    | N/A | \$0.00       | N/A |
| <b>Total for all systems</b>   | \$3,339,490.00     | \$1,565,796.00 | N/A | \$552,278.12 | N/A |

## Components

Information not provided.

|                             |                              |  |                       |
|-----------------------------|------------------------------|--|-----------------------|
| <b>Cost<br/>Information</b> | <b>Grand Total</b>           |  |                       |
|                             |                              | <b>Predetermined<br/>Cost Estimate</b> | <b>Estimated Cost</b> |
|                             |                              |  | <b>Actual Cost</b>    |
|                             | <b>Total for all systems</b> | \$3,339,490.00                         | \$1,565,796.00        |
|                             |                              |  | \$552,278.12          |

|                             |  |                 |
|-----------------------------|--|-----------------|
| <b>Reimbursement Status</b> | <b>Question</b>  | <b>Response</b> |
|                             | 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><br/> <i>Vice President - Finance, Operations</i></p> <p>04/04/2018</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"> <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><br/> <i>Vice President - Finance, Operations</i></p> <p>04/04/2018</p> |

## Attachments