



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **51980** | Service: **DTV** | Call **WHPX-TV** | Channel: **28 (UHF)** |
ID: | Sign:
File **0000028444**
Number:
FRN: **0030297451** | Date **04/27**
Submitted: **/2020**

Applicant Information

Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------|----------------|
| ION MEDIA HARTFORD 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 #1237074 to ASR #1041624. Replace non-retunable transmitter, install top mounted antenna and transmission line to operate on post-repack channel. Helicopter will be required. No interim facilities needed. |

Transmitters

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

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

| Section | Question | Response |
|-------------------------------------------------------|------------------------------------------------------------|--------------------------|
| Existing Transmitter Description | Type of change | Purchase New |
| | Use | Auxiliary (Backup) |
| | Description of Use | Auxiliary (Backup) |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is this transmitter currently shared with another station? | No |
| | Is this transmitter currently in operating condition? | Yes |
| Existing Transmitter Manufacturer and Type | Manufacturer | |
| | Model | DCX |
| | Year | 2003 |
| | Type | Inductive Output Tube |
| | IOT Power Type | Single |
| | Power Capacity | 20 kW |

**Auxiliary
Transmitter****New Transmitter Costs**

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

**Auxiliary
Transmitter****Other Transmitter Costs**

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

| | | |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------|
| | Length | N/A |
| | Other Electrical Service | Yes |
| | Description | Installation of auxiliary transmitter |
| HVAC Service | Does the replacement transmitter require HVAC Service? | No |
| | Type | N/A |
| | Size | N/A |
| | Other Size | N/A |
| Transmitter Building Addition/Modification or Leasehold Improvement | Does the Transmitter Building require an addition, modification, other leasehold improvement? | No |
| | Size | N/A |
| Channel 14 Costs | Is an RF Consulting Engineer needed? | N/A |
| | Is a channel 14 Mask Filer needed? | N/A |
| | Is additional field engineering time needed? | N/A |
| | Number of Days | N/A |

Auxiliary Transmitter

Other Transmitter Cost Not Listed

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

**Primary
Transmitter**

Existing Transmitter Information

| Section | Question | Response |
|-------------------------------------------------------|------------------------------------------------------------|-------------------|
| Existing Transmitter Description | Type of change | Purchase New |
| | Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is this transmitter currently shared with another station? | No |
| | Is this transmitter currently in operating condition? | Yes |
| Existing Transmitter Manufacturer and Type | Manufacturer | |
| | Model | 7k Series |
| | Year | 2010 |
| | Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power Capacity | 10 kW |

**Primary
Transmitter**

New Transmitter Costs

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

**Primary
Transmitter**

Other Transmitter Costs

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

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

Primary Transmitter

Other Transmitter Cost Not Listed

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

Antennas

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

**Primary
Antenna**

Existing Antenna Information

| Section | Question | Response |
|---------------------------------------------------|------------------------------------------------------------------|--------------------|
| Existing Antenna Description | Type of change | Purchase New |
| | Antenna Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is the existing antenna shared with another station or stations? | No |
| | Is the existing antenna directional? | Yes |
| | Is antenna in operating condition? | Yes |
| | Is antenna located on or in close proximity to an antenna farm? | No |
| Existing Antenna Manufacturer and Type | Class | Full Power |
| | Mounting | Top Mount |
| | Antenna position in stack | Top |
| | Polarization | Horizontal |
| | Type | Slotted Coaxial |
| | Number of Stations Supported | N/A |
| | Number of Panels | N/A |
| | Design power capacity in use | N/A |
| | Lower Limit | N/A |
| | Upper Limit | N/A |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 475.0 kW |
| | | |

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

Primary
Antenna

New Antenna Costs

| Section | Question | Response |
|------------------------------------|----------------------------------------------------------------------|-----------------|
| New Antenna Description | Use | Primary (Main) |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | Yes |
| | Ownership | Owned |
| | Owner | N/A |
| | Is antenna shared? | No |
| | Is antenna directional? | Yes |
| | Will antenna be located on or in close proximity to an antenna farm? | No |
| New Antenna Manufacturer and Types | Class | Full Power |
| | Mounting | Top Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Elliptical |
| | Type | Slotted Coaxial |
| | Number of Stations Supported | N/A |
| | Number of Panels/Bays | N/A |
| | Lower Limit | N/A |
| | Upper Limit | N/A |
| | Design power capacity in use | N/A |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 500.0 kW |
| | Manufacturer | |
| | | |

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

Primary Antenna

Other Antenna Costs

| Section | Question | Response |
|------------------------------------|-------------------------------------------------------------------------------------------------------------|------------------------|
| Combiner for Shared Antenna | Do you need a Combiner for a Shared Antenna? | No |
| | Type | |
| | Number of channels supported | N/A |
| | Frequencies of channels supported | N/A |
| | Frequency | N/A |
| | Do you need a combiner output splitter /switcher for dual feed lines? | N/A |
| Elbow Complex | Do you require the separate purchase of the Elbow Complex? | Yes |
| | Broadband or Single Channel? | Single Channel |
| | Feed Line Size | 6 1/8 inches inches |
| Side Mount Brackets | Do you require the separate purchase of side mount brackets for a high power antenna? | No |
| Pattern Scatter Analysis | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | No |
| Sweep Test | Do you require the sweep testing of transmission line and antenna? | Yes |

| Primary Antenna | Other Antenna Cost Not Listed Information not provided. |
|--------------------|------------------------------------------------------------|
|--------------------|------------------------------------------------------------|

**Interim
Antenna**

New Antenna Costs

| Section | Question | Response |
|----------------------------------------------|----------------------------------------------------------------------|-------------------|
| New Antenna Description | Use | Interim |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Ownership | Owned |
| | Owner | N/A |
| | Is antenna shared? | No |
| | Is antenna directional? | Yes |
| | Will antenna be located on or in close proximity to an antenna farm? | No |
| New Antenna Manufacturer and Type | Class | Full Power |
| | Mounting | Side Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Horizontal |
| | Type | Broadband Slot |
| | Number of Stations Supported | 1 |
| | Number of Panels/Bays | 8 |
| | Lower Limit | 470.00 MHz |
| | Upper Limit | 698.00 MHz |
| | Design power capacity in use | 25.0 % |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 55.0 kW |
| | Manufacturer | |
| | Model | TFU-WB-8 |
| | Year | 2017 |
| | | |

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

Interim Antenna

Other Antenna Costs

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

Interim Antenna

Other Antenna Cost Not Listed

Information not provided.

Transmission Line

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

Primary
Transmission Line

Existing Transmission Line

| Section | Question | Response |
|---------------------------------------------------------|----------------------------------------------------------------------------|-------------------|
| Existing Transmission Line Description | Type of change | Purchase New |
| | Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is the existing transmission line shared with another station or stations? | No |
| | Is Transmission Line in operating condition? | Yes |
| Existing Transmission Line Manufacturer and Type | Manufacturer | |
| | Type | Rigid |
| | Diameter | 6 1/8 inches |
| | Other Diameter | N/A |
| | Segment Length | 19 1/2 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 1367 feet per run |

Primary
Transmission Line

New Transmission Line

| Section | Question | Response |
|-----------------------------|-------------------------------------------|----------------------------------------|
| New Transmission Line Costs | Use | Primary (Main) |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Type | Rigid |
| | Diameter | 6 1/8 inches |
| | Other Diameter | N/A |
| | Segment Length | 20 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 1400 feet per run |
| | Justification for New Transmission Line | See attached Transmission Line Exhibit |

Primary
Transmission Line

Other Transmission Line Expenses Not Listed

| Name | Description |
|----------------------------------|----------------------------------|
| Sweep existing transmission line | Sweep existing transmission line |

**Tower
Equipment
And
Rigging
Costs**

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

**Primary
Tower**

Add Tower

| Section | Question | Response |
|-----------------------------------------------------|---------------------------------------------------------|-------------------|
| Existing Tower Description | Type of change | Modify Existing |
| | Tower Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Leased |
| | Is this tower consider Complex? | Candelabra |
| | Is this tower currently shared with any other stations? | Yes |
| | One or more FM, AM or TV radio broadcaster(s) | Yes |
| | Others Types of Users | No |
| | Is tower documented for structural analysis? | Yes |
| | Is tower compliant with Rev G? | No |
| Existing Tower Structure Registration | Do you have a tower registration number? | Yes |
| | ASR Number | 1041624 |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 41° 42' 13.0" N- |
| | Longitude (NAD83) | 072° 49' 55.0" W- |
| | Overall Structure Height | 1338.89 feet |
| | Support Structure Height | 1291.98 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 709.97 feet |
| | | |

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

**FM, AM or TV radio
broadcasters. Facility ID's,
Call Signs and Services of
other broadcast stations with
whom the tower is shared**

| Facility ID | Call Sign | Service |
|-------------|-----------|---------|
| 14050 | WCCT-TV | DTV |
| 147 | WTIC-TV | DTV |
| 13602 | WEDH | DTV |
| 13595 | WEDY | DTV |
| 62175 | WJMJ | FM |
| 66465 | WTIC-FM | FM |
| 1900 | WZMX | FM |
| 1910 | WRCH | FM |

**Primary
Tower**

Tower Modification Costs

| Section | Question | Response |
|-----------------------------|------------------------------------------------------------|----------------------------------------|
| Engineering Study | Please what type of engineering study is required, if any: | Study needed for tower with candelabra |
| Tower Reinforcements | Please select whether tower reinforcements are needed: | Minor Reinforcements needed |

**Primary
Tower**

Tower Rigging Costs

| Section | Question | Response |
|------------------------------|-----------------------------------|------------|
| Tower Rigging Costs | Complex Tower | Candelabra |
| Helicopter Services Required | Are helicopter services required? | Yes |

**Primary
Tower**

Other Tower Expenses Not Listed

Information not provided.

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

| Section | Question | Response |
|-----------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------|
| Existing Tower Description | Type of change | Move Equipment |
| | Tower Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Leased |
| | Is this tower consider Complex? | No |
| | Is this tower currently shared with any other stations? | No |
| | One or more FM, AM or TV radio broadcaster(s) | N/A |
| | Others Types of Users | N/A |
| | Is tower documented for structural analysis? | Unknown |
| | Is tower compliant with Rev G? | No |
| Existing Tower Structure Registration | Do you have a tower registration number? | Yes |
| | ASR Number | 1237074 |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 41° 25' 03.7" N- |
| | Longitude (NAD83) | 072° 11' 53.2" W- |
| | Overall Structure Height | 1205.04 feet |
| | Support Structure Height | 1088.90 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 304.79 feet |
| | Structure Type | TOWER - Free Standing or Guyed Structure |
| | Tower Owner | SpectraSite Communications, LLC. through American Towers, LLC. |
| | Date Constructed | 11/07/2002 |

**Primary
Tower**

Tower Rigging Costs

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

**Primary
Tower**

Other Tower Expenses Not Listed

Information not provided.

**Outside
Professional Services Costs**

| Section | Question | Response |
|-------------------------------------------------------|------------------------------------------------------------------------------|-----------------------------|
| Outside Project Management Services | Do you require outside project management services? | Yes |
| | Number of Hours | 180 |
| | Explanation | Required by tower landlord. |
| Outside RF consulting Engineering Services | Perform engineering study for new channel assignment and antenna development | Yes |
| | Prepare engineering section of Form FCC Construction Permit Application | Yes |
| | For Auxiliary Facility | No |
| | For Main Facility | Yes |
| | Prepare engineering section of Form FCC License to Cover Application | Yes |
| | For Auxiliary Facility | No |
| | For Main Facility | Yes |
| | Prepare request for Special Temporary Authority | Yes |
| | Quantity | 1 |
| | Do you have Distributed Transmission System engineering services? | N/A |
| | Critical Facility | N/A |
| | Terrain-Shielded Facility | N/A |
| Attorney and Other Outside Consulting Services | Prepare and file Form FCC Construction Permit Application | Yes |
| | For Auxiliary Facility | No |
| | For Main Facility | Yes |
| | Prepare and file Form FCC License to Cover Application | Yes |
| | For Auxiliary Facility | No |

| | | |
|--------------------------------------|--------------------------------------------------------------------------------------------|-----|
| | For Main Facility | Yes |
| | Prepare request for Special Temporary Authority | Yes |
| | Quantity | 1 |
| | NEPA Section 106 environmental review | Yes |
| | Environmental Assessment | Yes |
| | ASR Modification | Yes |
| | FAA Consultation (including preparation of FAA Form 7460) | Yes |
| | Negotiation of Lease and other Matter for Shared Locations | Yes |
| | Prepare or Review FCC Form 399 for Reimbursement | Yes |
| | Address transition timing and coordination issues w/ other stations and wireless providers | Yes |
| RF Field Engineering Services | Comprehensive coverage verification via field study | Yes |
| | RF exposure measurements | Yes |
| | Additional Field Engineering Service | No |
| | Number of Days | N/A |
| | Justification | N/A |

Outside Professional Services Costs **Other Professional Services Expenses Not Listed**

Services provided.

Other Expenses

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

| | |
|-----------------------|----------------------------------|
| Other Expenses | Other Expenses Not Listed |
| | Information not provided. |

Cost Information

Transmitters

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|----------------------------------------------|-----------------------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------------------------|
| Primary Transmitter HPTV-PRLX-U16 | \$1,077,277.46 | \$626,490.46 | | \$563,402.61 | |
| Other -- Building Addition Size: 400.0 | <i>\$20,394.66</i> | \$20,394.66 | D'Amato Construction Quote #03 | \$20,394.66 | N/A |
| RF Interconnect | <i>\$25,000.00</i> | \$25,000.00 | N/A | \$11,912.15 | N/A |
| Removal of Existing Equipment | <i>\$25,000.00</i> | \$25,000.00 | N/A | N/A | N/A |
| Other -- HVAC Service Type: H Size:9 (Other) | <i>\$34,882.80</i> | \$34,882.80 | Supply and install three (3) 3-ton HVAC systems. Please see attached Modern Mechanical Systems, Inc. Quote dated 11-29-2018. Cost estimate includes sales tax. | \$34,882.80 | N/A |

| | | | | | |
|----------------------------------------------------------------------------------------------------|-----------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----|
| UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW | \$947,000.00 | \$496,213.00 | 399 approved amount for primary transmitter. 399 approved model (U12) was subsequently changed by ION to order a U14 model and then changed again to order a U16 model. Please see attached Hitachi Comark Primary Transmitter Quotes. | \$496,213.00 | N/A |
| Other Electrical Service: Electrical Installation for replacement transmitter | \$25,000.00 | \$25,000.00 | N/A | N/A | N/A |
| Auxiliary Transmitter HPTV-PRLX- U8 | \$1,581,754.00 | \$571,443.00 | | \$521,443.00 | |
| Other Electrical Service: Installation of auxiliary transmitter | \$90,254.00 | \$90,254.00 | Cost of electrical installation on transmitter by Eastside Electric, Inc. Please see attached Eastside Electric Quote #118093. | \$90,254.00 | N/A |
| UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW | \$494,500.00 | \$271,571.00 | See attached ION - WHPX Transmitter Purchase Exhibit (Pages 1, 5-7). | \$271,571.00 | N/A |
| RF Interconnect | \$25,000.00 | \$25,000.00 | N/A | N/A | N/A |

| | | | | | |
|--------------------------------------------------------|--------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----|
| Removal of Existing Equipment | \$25,000.00 | \$25,000.00 | N/A | N/A | N/A |
| UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW | \$947,000.00 | \$159,618.00 | ***System Notice: Estimate adjusted and locked because line has been superseded. ***See attached Hitachi Comark Quote #P3463PRLXU14-011818-R1. | \$159,618.00 | N/A |
| Sub-total | \$2,659,031.46 | \$1,197,933.46 | N/A | \$1,084,845.61 | N/A |
| Total for all systems | \$4,451,201.46 | \$2,599,192.46 | N/A | \$2,132,416.93 | N/A |

Components

| Actual Information | |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | File Name |
| Other -- Building Addition Size: 400.0 | <p>Component Description: Cost to renovate transmitter building for enlarged space requirements. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount: \$20,394.66</p> |

| | |
|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RF Interconnect | <div> <div> Component Description: </div> <div> Cost to install interconnect pieces for WHPX main transmitter. Supporting documentation is attached. </div> </div> <div> Amount: </div> <div> \$8,751.00 </div> <div> Component Description: </div> <div> Parts to connect transmitter to transmitter line. Supporting documentation is attached. </div> <div> Amount: </div> <div> \$3,161.15 </div> |
| Removal of Existing Equipment | Information not provided. |
| Other -- HVAC Service Type: H Size:9 (Other) | <div> <div> Component Description: </div> <div> Cost to supply and install three (3) 3-ton HVAC systems. Supporting documentation is attached. This invoice has been paid. </div> </div> <div> Amount: </div> <div> \$34,882.80 </div> |
| UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW | |

Component Description: Cover letter and explanation of variance form attached. 20% Progress Payment for 20kW FCC approved reimbursable transmitter size. Supporting documentation attached.

Amount: \$99,242.60

Component Description: Downward adjustment for previous reimbursement request.

Amount: (\$266,030.00)

Component Description: 30% "deposit" payment for Comark Transmitter. Supporting documentation attached. This invoice has been paid.

Amount: \$159,618.00

Component Description: 30% "deposit" payment for Comark Transmitter. Explanation of variance and supporting documentation attached. This invoice has been paid.

Amount: \$148,863.90

| | |
|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | <div data-bbox="708 159 1331 427"> <p>Component Description: 50% "progress" payment on Comark transmitter. Supporting documentation attached.</p> <p>Amount: \$266,030.00</p> </div> <div data-bbox="708 577 1347 1048"> <p>Component Description: 50% "progress" payment for Comark Transmitter. Explanation of variance and supporting documentation attached. This invoice has been paid.</p> <p>Amount: \$248,106.50</p> </div> <div data-bbox="708 1155 1331 1391"> <p>Component Description: Downward adjustment for previous reimbursement request.</p> <p>Amount: (\$159,618.00)</p> </div> |
| Other Electrical Service: Electrical Installation for replacement transmitter | Information not provided. |

Other Electrical Service:
Installation of auxiliary
transmitter

Component Description:

60% payment for
electrical
installation for
transmitter.
Supporting
documentation is
attached. This
invoice has been
paid.

Amount:

\$54,152.40

Component Description:

30% progress
payment for
electrical
installation for
transmitter.
Supporting
documentation is
attached. This
invoice has been
paid.

Amount:

\$27,076.20

Component Description:

10% balance
payment for
electrical
installation for
transmitter.
Supporting
documentation is
attached. This
invoice has been
paid.

Amount:

\$9,025.40

| | | | | | | | | | |
|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--------------------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------|
| <p>UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW</p> | <table> <tr> <td data-bbox="702 100 1133 784"> <p>Component Description:</p> </td><td data-bbox="1133 100 1426 784"> <p>20% "upon proof of performance" payment for 10kw FCC approved auxiliary transmitter. Cover letter, explanation of variance, and supporting documentation is attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="702 784 1133 828"> <p>Amount:</p> </td><td data-bbox="1133 784 1426 828"> <p>\$54,314.20</p> </td></tr> <tr> <td data-bbox="702 828 1133 1480"> <p>Component Description:</p> </td><td data-bbox="1133 828 1426 1480"> <p>30% "deposit due with order" and 50% "due within 60 days of order" (80% total) payment for 10kw FCC approved auxiliary transmitter. Cover letter, explanation of variance, and supporting documentation is attached.</p> </td></tr> <tr> <td data-bbox="702 1480 1133 1525"> <p>Amount:</p> </td><td data-bbox="1133 1480 1426 1525"> <p>\$217,256.80</p> </td></tr> </table> | <p>Component Description:</p> | <p>20% "upon proof of performance" payment for 10kw FCC approved auxiliary transmitter. Cover letter, explanation of variance, and supporting documentation is attached. This invoice has been paid.</p> | <p>Amount:</p> | <p>\$54,314.20</p> | <p>Component Description:</p> | <p>30% "deposit due with order" and 50% "due within 60 days of order" (80% total) payment for 10kw FCC approved auxiliary transmitter. Cover letter, explanation of variance, and supporting documentation is attached.</p> | <p>Amount:</p> | <p>\$217,256.80</p> |
| <p>Component Description:</p> | <p>20% "upon proof of performance" payment for 10kw FCC approved auxiliary transmitter. Cover letter, explanation of variance, and supporting documentation is attached. This invoice has been paid.</p> | | | | | | | | |
| <p>Amount:</p> | <p>\$54,314.20</p> | | | | | | | | |
| <p>Component Description:</p> | <p>30% "deposit due with order" and 50% "due within 60 days of order" (80% total) payment for 10kw FCC approved auxiliary transmitter. Cover letter, explanation of variance, and supporting documentation is attached.</p> | | | | | | | | |
| <p>Amount:</p> | <p>\$217,256.80</p> | | | | | | | | |
| <p>RF Interconnect</p> | <p>Information not provided.</p> | | | | | | | | |
| <p>Removal of Existing Equipment</p> | <p>Information not provided.</p> | | | | | | | | |

UHF - Liquid Cooled Solid
State Transmitter 21 - 31
kW

Component Description:

50% "progress"
payment on
Comark
transmitter.
Supporting
documentation
attached. This
invoice has been
paid.

Amount:

\$266,030.00

Component Description:

30% "deposit"
payment for
Comark
Transmitter.
Supporting
documentation
attached. This
invoice has been
paid.

Amount:

\$159,618.00

Cost Information

Antennas

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

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

| | | | | | |
|------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------|------------|
| Primary Antenna TFU-21ETT /VP-R C170 | \$308,530.00 | \$272,288.00 | | \$227,231.00 | |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | \$6,400.00 | N/A |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed) | \$12,300.00 | \$11,700.00 | N/A | \$10,298.00 | N/A |
| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized | \$289,500.00 | \$254,188.00 | V-Pol cost not included in reimbursement request. Please also see attached Dielectric Change Order dated 1-10-2019. | \$210,533.00 | N/A |
| Sub-total | \$414,230.00 | \$355,881.00 | N/A | \$279,957.50 | N/A |
| Total for all systems | \$4,451,201.46 | \$2,599,192.46 | N/A | \$2,132,416.93 | N/A |

Components

| Actual Information | |
|-----------------------------------------------------------------------------------|-----------|
| Description | File Name |
| Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed) | |

Component Description:

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

Amount:

\$368.55

Component Description:

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

Amount:

\$1,852.20

Component Description:

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

Amount:

\$1,852.20

Component Description:

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

Amount:

\$411.60

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|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | <p>Component Description: Per reviewer's request, we are re-submitting the following invoice due to technical error: 45% "prior to ship" payment for interim antenna transformer. Supporting documentation attached. This invoice has been paid.</p> <p>Amount: \$1,658.47</p> <p>Component Description: Per reviewer's request, we are re-submitting the following invoice due to technical error: 45% "down payment" for interim antenna transformer. Supporting documentation attached. This invoice has been paid.</p> <p>Amount: \$1,658.48</p> |
| Sweep test of existing antenna | Information not provided. |

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

Component Description:

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

Amount:

\$20,216.25

Component Description:

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

Amount:

\$4,492.50

Component Description:

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

Amount:

\$20,216.25

Sweep test of existing antenna

Component Description:

65% "prior to ship" payment for repack sweep of primary antenna operations. Explanation of variance form and supporting documentation attached. This invoice has been paid.

Amount:

\$4,160.00

Component Description:

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

Amount:

\$1,600.00

Component Description:

10% "after repack sweep" payment for repack sweep of primary antenna operations. Supporting documentation attached. This invoice has been paid.

Amount:

\$640.00

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|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------|
| <p>Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)</p> | <table> <tr> <td data-bbox="708 98 1018 607"> <p>Component Description:</p> </td><td data-bbox="1150 98 1369 607"> <p>65% "prior to ship" payment for primary elbow complex. Explanation of variance form and supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="708 607 1018 696"> <p>Amount:</p> </td><td data-bbox="1150 607 1369 696"> <p>\$6,693.70</p> </td></tr> <tr> <td data-bbox="708 696 1018 1189"> <p>Component Description:</p> </td><td data-bbox="1150 696 1369 1189"> <p>25% deposit payment for primary elbow complex. Explanation of variance form & supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="708 1189 1018 1279"> <p>Amount:</p> </td><td data-bbox="1150 1189 1369 1279"> <p>\$2,574.50</p> </td></tr> <tr> <td data-bbox="708 1279 1018 1727"> <p>Component Description:</p> </td><td data-bbox="1150 1279 1369 1727"> <p>10% "after repack sweep" payment for primary elbow complex. Supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="708 1727 1018 1794"> <p>Amount:</p> </td><td data-bbox="1150 1727 1369 1794"> <p>\$1,029.80</p> </td></tr> </table> | <p>Component Description:</p> | <p>65% "prior to ship" payment for primary elbow complex. Explanation of variance form and supporting documentation attached. This invoice has been paid.</p> | <p>Amount:</p> | <p>\$6,693.70</p> | <p>Component Description:</p> | <p>25% deposit payment for primary elbow complex. Explanation of variance form & supporting documentation attached. This invoice has been paid.</p> | <p>Amount:</p> | <p>\$2,574.50</p> | <p>Component Description:</p> | <p>10% "after repack sweep" payment for primary elbow complex. Supporting documentation attached. This invoice has been paid.</p> | <p>Amount:</p> | <p>\$1,029.80</p> |
| <p>Component Description:</p> | <p>65% "prior to ship" payment for primary elbow complex. Explanation of variance form and supporting documentation attached. This invoice has been paid.</p> | | | | | | | | | | | | |
| <p>Amount:</p> | <p>\$6,693.70</p> | | | | | | | | | | | | |
| <p>Component Description:</p> | <p>25% deposit payment for primary elbow complex. Explanation of variance form & supporting documentation attached. This invoice has been paid.</p> | | | | | | | | | | | | |
| <p>Amount:</p> | <p>\$2,574.50</p> | | | | | | | | | | | | |
| <p>Component Description:</p> | <p>10% "after repack sweep" payment for primary elbow complex. Supporting documentation attached. This invoice has been paid.</p> | | | | | | | | | | | | |
| <p>Amount:</p> | <p>\$1,029.80</p> | | | | | | | | | | | | |
| <p>UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized</p> | | | | | | | | | | | | | |

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

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

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

Component Description:

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

Amount:

\$47,653.25

Cost
Information

Transmission Line

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|------------------------------------------|-----------------------------|----------------|------------------------------|----------------|---------------------------|
| Primary Transmission Line | \$289,200.00 | \$218,763.00 | | \$186,638.90 | |
| Sweep existing transmission line | \$6,400.00 | \$6,400.00 | N/A | N/A | N/A |
| Rigid Transmission Line - copper, 6 1/8" | \$282,800.00 | \$212,363.00 | N/A | \$186,638.90 | N/A |
| Sub-total | \$289,200.00 | \$218,763.00 | N/A | \$186,638.90 | N/A |
| Total for all systems | \$4,451,201.46 | \$2,599,192.46 | N/A | \$2,132,416.93 | N/A |

Components

| Actual Information | |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | File Name |
| Sweep existing transmission line | Information not provided. |
| Rigid Transmission Line - copper, 6 1/8" | <div><div>Component Description:</div><div>65% "prior to ship" payment for primary transmission line. Supporting documentation attached. This invoice has been paid.</div><div>Amount:</div><div>\$115,221.93</div></div> |

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

| | |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Component Description: | 25% deposit payment for transmission line cut pieces. Supporting documentation attached. This invoice has been paid. |
| Amount: | \$2,604.00 |

| | |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Component Description: | 25% deposit payment for primary transmission line. Supporting documentation attached. This invoice has been paid. |
| Amount: | \$44,316.13 |

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

Cost Information

Tower Equipment and Rigging Costs

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---------------------------------------------------------------------------------------|-----------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------------|
| Primary Tower TOWER | \$210,500.00 | \$50,000.00 | | \$50,000.00 | |
| Tall Tower (greater than 500') | \$210,500.00 | \$50,000.00 | ***System Notice: Estimate adjusted and locked because line has been superseded. ***See AT Exhibit for more information. | \$50,000.00 | N/A |
| Primary Tower TOWER | \$599,000.00 | \$523,850.00 | | \$523,850.00 | |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | \$421,000.00 | \$501,250.00 | Cost for Tower Rigging services from Turris Engineering Inc. Please see attached quote #18-0780. Cost estimate also includes weather delays from Turris Engineering | \$501,250.00 | N/A |

| | | | | | |
|--------------------------------------------------------------------------------|----------------|----------------|------------------------------------------------------------------------------------------------------|----------------|-----|
| Tower Helicopter Lift | \$0.00 | \$0.00 | A helicopter was used to install antenna, but was not itemized in the quote from Turris Engineering. | N/A | N/A |
| Structural engineering tower load study for a documented tower with candelabra | \$20,000.00 | \$12,800.00 | Cost for structural analysis work from Turris Engineering Inc. Please see attached quote #18-0443. | \$12,800.00 | N/A |
| Minor tower reinforcement /modifications | \$158,000.00 | \$9,800.00 | Please see Turris 18-1387 Plumb and Tension WHPX | \$9,800.00 | N/A |
| Sub-total | \$809,500.00 | \$573,850.00 | N/A | \$573,850.00 | N/A |
| Total for all systems | \$4,451,201.46 | \$2,599,192.46 | N/A | \$2,132,416.93 | N/A |

Components

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

| | | |
|---------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tall Tower (greater than 500') | <p>Component Description:</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.</p> |
| | <p>Amount:</p> | <p>\$50,000.00</p> |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | <p>Component Description:</p> | <p>10% "upon mobilization of tower field crew" plus 20% "in progress payments during field installation" (30% total) payment for tower service. Supporting documentation is attached. This invoice has been paid.</p> |
| | <p>Amount:</p> | <p>\$126,990.00</p> |
| | <p>Component Description:</p> | <p>Cost for downtime for tower crew due to 5 days bad weather days during the month of March, 2019. Supporting documentation is attached. This invoice has been paid.</p> |
| | <p>Amount:</p> | <p>\$14,950.00</p> |

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

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

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

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

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

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

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

| | | | |
|--------------------------------------------------------------------------------|-------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------|
| | Component Description: | | Cost for downtime for tower crew due to bad weather days during the month of April, 2019. Supporting documentation is attached. |
| | Amount: | | \$20,700.00 |
| | Component Description: | | 10% "Antenna is installed" payment for tower service. Supporting documentation is attached. This invoice has been paid. |
| | Amount: | | \$42,330.00 |
| Tower Helicopter Lift | Information not provided. | | |
| Structural engineering tower load study for a documented tower with candelabra | Component Description: | | 50% remaining balance payment for tower structural study. Supporting documentation is attached. This invoice has been paid. |
| | Amount: | | \$6,400.00 |
| | Component Description: | | 50% deposit payment for tower structural study. Supporting documentation attached. This invoice has been paid. |
| | Amount: | | \$6,400.00 |

| | | |
|------------------------------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Minor tower reinforcement /modifications | Component Description: Amount: | Cost to plum and tension tower as a result of structural analysis. Supporting documentation is attached. This invoice has been paid. \$9,800.00 |
|------------------------------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|

Cost Information

Outside Professional Services

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|-----------------------------------------------------------------------------------------------------------|-----------------------------|---------------------|------------------------------|-------------------|---------------------------|
| Outside Professional Services | \$189,650.00 | \$171,280.00 | | \$1,562.50 | |
| ASR modification (prepare FCC Form 854) | \$2,105.00 | \$2,000.00 | N/A | N/A | N/A |
| Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet | \$10,520.00 | \$10,000.00 | N/A | N/A | N/A |
| NEPA Section 106 environmental review, if needed | \$6,310.00 | \$6,000.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | \$3,680.00 | \$3,500.00 | N/A | N/A | N/A |
| Attorney Fees - Negotiation of lease and other matters for shared locations | \$4,210.00 | \$4,000.00 | N/A | N/A | N/A |

| | | | | | |
|-----------------------------------------------------------------------------------------------------------|-------------|-------------|-----------------------------------------------|------------|-----|
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application | \$2,365.00 | \$2,250.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00 | \$5,000.00 | N/A | \$0.00 | N/A |
| Project management of the transition | \$28,440.00 | \$18,530.00 | See AT Exhibit for more information. | N/A | N/A |
| Prepare and or review reimbursement form | \$2,630.00 | \$2,500.00 | N/A | N/A | N/A |
| Address transition timing and coordination issues w/ other stations and wireless | \$2,630.00 | \$2,500.00 | N/A | N/A | N/A |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | \$1,580.00 | \$1,500.00 | N/A | N/A | N/A |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00 | \$3,000.00 | N/A | \$1,500.00 | N/A |

| | | | | | |
|----------------------------------------------------------------------------------------------------------------------------|----------------|----------------|-----|----------------|-----|
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$7,000.00 | N/A | \$62.50 | N/A |
| Prepare request for Special Temporary Authorization | \$2,050.00 | \$1,500.00 | N/A | N/A | N/A |
| RF Exposure Measurements | \$21,050.00 | \$20,000.00 | N/A | N/A | N/A |
| 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 |
| Sub-total | \$189,650.00 | \$171,280.00 | N/A | \$1,562.50 | N/A |
| Total for all systems | \$4,451,201.46 | \$2,599,192.46 | N/A | \$2,132,416.93 | N/A |

Components

| Actual Information | |
|-----------------------------------------|---------------------------|
| Description | File Name |
| ASR modification (prepare FCC Form 854) | Information not provided. |

| | |
|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet | Information not provided. |
| NEPA Section 106 environmental review, if needed | Information not provided. |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | Information not provided. |
| Attorney Fees - Negotiation of lease and other matters for shared locations | Information not provided. |
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application | Information not provided. |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | <div> <div>Component Description:</div> <div>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.</div> </div> <div> <div>Amount:</div> <div>\$4,837.97</div> </div> |
| Project management of the transition | 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. |

| | |
|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | Information not provided. |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | <div> <div> Component Description: </div> <div> Cost of engineering consultant preparation of engineering section of FCC Form 2100. Hourly supporting documentation attached. This invoice has been paid. </div> </div> <div> Amount: </div> <div> \$1,500.00 </div> |
| Perform engineering study for new channel assignment and antenna development | <div> <div> Component Description: </div> <div> Cost of engineering study for new channel assignment and antenna development. Hourly supporting documentation attached. This invoice has been paid. </div> </div> <div> Amount: </div> <div> \$62.50 </div> |
| Prepare request for Special Temporary Authorization | Information not provided. |
| RF Exposure Measurements | Information not provided. |
| Comprehensive coverage verification via field study, if needed | Information not provided. |

| | |
|----------------------------------------------------------------------------------------------------------------------------|---------------------------|
| FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase | Information not provided. |
|----------------------------------------------------------------------------------------------------------------------------|---------------------------|

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 | \$89,590.00 | \$81,485.00 | | \$5,562.42 | |
| MVPD Notification of Channel Change | <i>\$1,400.00</i> | \$1,400.00 | N/A | \$1,400.00 | N/A |
| Develop and air announcement of upcoming channel change | <i>\$0.00</i> | \$0.00 | The amount is yet to be determined (TBD) and ION will submit on-air announcement costs when finalized. | N/A | N/A |
| Equipment Storage | <i>\$10,000.00</i> | \$10,000.00 | N/A | N/A | N/A |
| Equipment Delivery and Handling Charges | <i>\$10,000.00</i> | \$10,000.00 | N/A | \$662.42 | 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 |
| Non-zoning permits | <i>\$15,000.00</i> | \$15,000.00 | N/A | N/A | N/A |
| Local Zoning | <i>\$25,000.00</i> | \$25,000.00 | N/A | N/A | N/A |
| DTV Medical Facility Notification | \$11,550.00 | \$3,500.00 | N/A | \$3,500.00 | N/A |

| | | | | | |
|-----------------------------------------------------------|----------------|----------------|-----|----------------|-----|
| FCC Filing Fees - Form 2100 minor change CP application | \$1,110.00 | \$1,070.00 | 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 |
| Sub-total | \$89,590.00 | \$81,485.00 | N/A | \$5,562.42 | N/A |
| Total for all systems | \$4,451,201.46 | \$2,599,192.46 | N/A | \$2,132,416.93 | N/A |

Components

Actual Information
Description

File Name

| | |
|--------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MVPD Notification of Channel Change | <div> <div> Component Description: </div> <div> Cost of MVPD notifications for channel change. Supporting documentation is attached. This invoice has been paid. </div> </div> <div> Amount: </div> <div> \$1,400.00 </div> <div> Component Description: </div> <div> Cost of MVPD notifications of channel change through Widelity Inc. Supporting documentation attached. This invoice has been paid. </div> <div> Amount: </div> <div> \$1,400.00 </div> |
| Develop and air announcement of upcoming channel change | Information not provided. |
| Equipment Storage | Information not provided. |
| Equipment Delivery and Handling Charges | <div> <div> Component Description: </div> <div> Cost of freight for antenna parts. Supporting documentation is attached. </div> </div> <div> Amount: </div> <div> \$662.42 </div> |
| Disposal Costs (for equipment and other waste, net of any salvage value) | Information not provided. |
| Non-zoning permits | Information not provided. |
| Local Zoning | Information not provided. |

| | |
|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DTV Medical Facility Notification | <div data-bbox="710 168 1348 526"> <p>Component Description: Cost of medical notifications for channel change. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount: \$3,500.00</p> </div> <div data-bbox="710 627 1348 985"> <p>Component Description: Cost of medical notifications through Widelity Inc. Supporting documentation attached. This invoice has been paid.</p> <p>Amount: \$3,500.00</p> </div> |
| FCC Filing Fees - Form 2100 minor change CP application | Information not provided. |
| FCC Filing Fees - Form 2100 license to cover application | Information not provided. |
| FCC Filing Fees - Special Temporary Authorization request | Information not provided. |

| | | | |
|-------------------------|------------------------------|------------------------------------|-----------------------|
| Cost Information | Grand Total | | |
| | | Predetermined Cost Estimate | Estimated Cost |
| | | | Actual Cost |
| | Total for all systems | \$4,451,201.46 | \$2,599,192.46 |
| | | | \$2,132,416.93 |

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

| Certification | Section | Question | Response |
|---------------|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| | Submission of Estimated Expenses Statements | <p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p> | |
| | | <ol style="list-style-type: none"> 1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount. | |

4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <p>8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.</p> | |
| <p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p> | <p>Mario Vasquez <i>Vice President - Finance, Operations</i></p> <p>04/27/2020</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"> 1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. 3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. | |

4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD) .
6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.</p> | |
| <p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p> | <p>Mario Vasquez <i>Vice President - Finance, Operations</i></p> <p>04/27/2020</p> |

Attachments