



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **74091** | Service: **DTV** | Call **WPXW-TV** | Channel: **35 (UHF)** |
ID:
File **0000028678**
Number:
FRN: **0001808468** | Date **07/19**
Submitted: **/2019**

Applicant Information

Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|---|--|-----------------------------|-----------------------------|----------------|
| ION MEDIA WASHINGTON LICENSE, INC. Doing Business As: ION MEDIA WASHINGTON 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 #1051670 to ASR #1035708. Replace and install 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 |

**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 | CD200P2 /UPG Sigma |
| | Year | 1997 |
| | Type | Inductive Output Tube |
| | IOT Power Type | Two |
| | Power Capacity | 40 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 | THU9-36 EVO |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 55 kW |
| | Justification for New Transmitter | Transmitter cannot be re-tuned and is no longer supported by manufacturer. Please see attached Harris /GatesAir exhibit. See attached Transmitter Upgrade Disclaimer. |

**Primary
Transmitter**

Other Transmitter Costs

| Section | Question | Response |
|--------------------|---------------------------------------|----------|
| Electrical Service | Service Entrance (3 phases 800A 208V) | No |
| | Switchgear (industrial 800 amp) | No |
| | Transformer (480V) | Yes |
| | Power | 300 kVA |

| | | |
|--|---|--|
| | Rigid Conduit and Wiring | No |
| | Size | N/A |
| | Length | N/A |
| | Other Electrical Service | Yes |
| | Description | Electrical Installation of Transmitter |
| HVAC Service | Does the replacement transmitter require HVAC Service? | Yes |
| | Type | Heating and Cooling |
| | Size | 10 tons |
| | Other Size | N/A |
| Transmitter Building Addition/Modification or Leasehold Improvement | Does the Transmitter Building require an addition, modification, other leasehold improvement? | Yes |
| | Size | 545.0 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**

Add Antenna Information

| Section | Question | Response |
|---|---|-------------------------|
| Existing Antenna Description | Type of change | Purchase New |
| | Antenna Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Leased |
| | Owner | ACC Licensee, LLC |
| | Site | N/A |
| | Is this antenna currently shared with any other stations? | Yes |
| | Is this 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 | Not in Stack |
| | Polarization | Horizontal |
| | Type | Broadband Panel |
| | Number of Stations Supported | 3 |
| | Number of Panels | 12 |
| | Design power capacity in use | 75.0 % |
| | Lower Limit | 470.00 MHz |
| | Upper Limit | 698.00 MHz |
| | Other Antenna Type | N/A |

| | |
|--|-------------|
| ERP: (Effective Radiated Power) | 1000.0 kW |
| Manufacturer | |
| Model | TUP-O4-12-2 |
| Year | 1997 |

**Facility ID's and Call Signs of
all stations with whom the
antenna is shared.**

| Facility ID | Call Sign |
|-------------|-----------|
| 27772 | WHUT-TV |
| 65670 | WETA-TV |

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? | No |
| | 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) | 949.0 kW |
| | Manufacturer | |
| | | |

| | |
|-------------------------------|---|
| Model | TFU- 31ETT /VP-R O6 |
| Year | 2019 |
| Justification for New Antenna | Needed for post-repack channel operations. |

Primary Antenna

Other Antenna Costs

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

**Primary
Antenna**

Other Antenna Cost Not Listed
Information not provided.

Transmission Line

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

Primary Existing Transmission Line

| Section | Question | Response |
|---|--|-------------------|
| Existing Transmission Line Description | Type of change | Purchase New |
| | Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Leased |
| | Owner | ACC Licensee, LLC |
| | Site | N/A |
| | Is the existing transmission line shared with another station or stations? | Yes |
| | Is Transmission Line in operating condition? | Yes |
| Existing Transmission Line Manufacturer and Type | Manufacturer | |
| | Type | Rigid |
| | Diameter | 8 3/16 inches |
| | Other Diameter | N/A |
| | Segment Length | Broadband |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 863 feet per run |

Facility ID's and Call Signs of all stations with whom the transmission line is shared.

| Facility ID | Call Sign |
|-------------|-----------|
| 27772 | WHUT-TV |

65670

WETA-TV

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 | 800 feet per run |
| | Justification for New Transmission Line | Needed for post-repack channel operations. |

Primary
Transmission Line

Other Transmission Line Expenses Not Listed

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

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? | 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 | 1051670 |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 38° 57' 01.0" N- |
| | Longitude (NAD83) | 077° 04' 46.0" W- |
| | Overall Structure Height | 691.92 feet |
| | Support Structure Height | 564.95 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 409.77 feet |

| | | |
|--|------------------|--|
| | Structure Type | TOWER - Free Standing or Guyed Structure |
| | Tower Owner | ACC Licensee, LLC |
| | Date Constructed | 11/12/1998 |

**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 |
|-------------|-----------|---------|
| 73252 | WRQX | FM |
| 70933 | WASH | FM |
| 1051 | WJLA-TV | DTV |
| 65593 | WUSA | DTV |
| 27772 | WHUT-TV | DTV |
| 65707 | WHUR-FM | FM |
| 65670 | WETA-TV | DTV |

**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.

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? | Yes |
| Existing Tower Structure Registration | Do you have a tower registration number? | Yes |
| | ASR Number | 1035708 |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 38° 57' 49.9" N- |
| | Longitude (NAD83) | 077° 06' 17.2" W- |
| | Overall Structure Height | 809.05 feet |
| | Support Structure Height | 745.07 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 240.15 feet |
| | Structure Type | TOWER - Free Standing or Guyed Structure |
| | | |

| | | |
|--|------------------|---------------------|
| | Tower Owner | Pinnacle Towers LLC |
| | Date Constructed | 12/27/1965 |

**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 |
|-------------|-----------|---------|
| 22207 | WTTG | DTV |
| 28632 | WPGC-FM | FM |

**Primary
Tower**

Tower Modification Costs

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

**Primary
Tower**

Tower Rigging Costs

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

**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? | No |
| | Number of Hours | N/A |
| | Explanation | N/A |
| 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**

If wireless is not 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 | No |
| | FCC License to Cover Application | Yes |
| | FCC Special Temporary Authority Application | Yes |
| Other Miscellaneous Expenses | Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)? | Yes |
| | Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs? | Yes |
| | Does this relocation require Equipment Storage? | Yes |
| | Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change? | Yes |
| | Does this relocation require MVPD Notification of a Channel Change? | Yes |

| | |
|-----------------------|----------------------------------|
| Other Expenses | Other Expenses Not Listed |
| | 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 THU9-36 EVO | \$2,176,900.00 | \$1,536,526.23 | | \$836,217.09 | |
| Other Electrical Service: Electrical Installation of Transmitter | <i>\$231,600.00</i> | \$231,600.00 | See attached E. C. Ernst, Inc. Quote #01 & #02. Exclusive of taxes. Please see attached E. C. Ernst, Inc. Transmitter quote dated 3-12-2019. | \$80,120.00 | N/A |
| RF Interconnect | <i>\$25,000.00</i> | \$25,000.00 | N/A | N/A | N/A |
| Removal of Existing Equipment | <i>\$25,000.00</i> | \$25,000.00 | N/A | \$0.00 | N/A |
| Other -- Building Addition Size: 545.0 | <i>\$10,000.00</i> | \$10,000.00 | Estimated cost. Quote forthcoming, not available as of this Form 399 submission. | N/A | N/A |

| | | | | | |
|--|----------------|----------------|---|----------------|-----|
| 10 Ton system | \$60,500.00 | \$58,900.00 | Estimated cost based on pre-determined cost. Quote forthcoming, not yet available as of this Form 399 submission. | \$3,870.00 | N/A |
| UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW | \$1,788,000.00 | \$1,151,026.23 | See attached Rohde & Schwarz Quote #107356.2. Inclusive of taxes (6%) = \$65,152.43 | \$752,227.09 | N/A |
| Transformer 3 phase /480v - 300 KVA | \$36,800.00 | \$35,000.00 | N/A | N/A | N/A |
| Sub-total | \$2,176,900.00 | \$1,536,526.23 | N/A | \$836,217.09 | N/A |
| Total for all systems | \$3,859,044.00 | \$2,966,517.43 | N/A | \$1,622,305.58 | N/A |

Components

Actual Information

| Description | File Name |
|-------------|-----------|
|-------------|-----------|

| | | | | | | | | | | | | | |
|---|--|-------------------------------|--|----------------|-------------|-------------------------------|---|----------------|-------------|-------------------------------|--|----------------|------------|
| <p>Other Electrical Service: Electrical Installation of Transmitter</p> | <table> <tr> <td data-bbox="710 174 1013 208">Component Description:</td><td data-bbox="1150 174 1350 566">30% progress payment for electrical installation on transmitter. Supporting documentation is attached. This invoice has been paid.</td></tr> <tr> <td data-bbox="710 577 817 611">Amount:</td><td data-bbox="1150 577 1283 611">\$64,290.00</td></tr> <tr> <td data-bbox="710 719 1013 752">Component Description:</td><td data-bbox="1150 719 1374 1111">90% progress payment for electrical installation of primary transmitter. Supporting documentation attached. This invoice has been paid.</td></tr> <tr> <td data-bbox="710 1122 817 1155">Amount:</td><td data-bbox="1150 1122 1283 1155">\$13,230.00</td></tr> <tr> <td data-bbox="710 1263 1013 1296">Component Description:</td><td data-bbox="1150 1263 1362 1570">Cost of electrical survey needed for transmitter electrical installation. Supporting documentation attached.</td></tr> <tr> <td data-bbox="710 1581 817 1615">Amount:</td><td data-bbox="1150 1581 1267 1615">\$2,600.00</td></tr> </table> | Component Description: | 30% progress payment for electrical installation on transmitter. Supporting documentation is attached. This invoice has been paid. | Amount: | \$64,290.00 | Component Description: | 90% progress payment for electrical installation of primary transmitter. Supporting documentation attached. This invoice has been paid. | Amount: | \$13,230.00 | Component Description: | Cost of electrical survey needed for transmitter electrical installation. Supporting documentation attached. | Amount: | \$2,600.00 |
| Component Description: | 30% progress payment for electrical installation on transmitter. Supporting documentation is attached. This invoice has been paid. | | | | | | | | | | | | |
| Amount: | \$64,290.00 | | | | | | | | | | | | |
| Component Description: | 90% progress payment for electrical installation of primary transmitter. Supporting documentation attached. This invoice has been paid. | | | | | | | | | | | | |
| Amount: | \$13,230.00 | | | | | | | | | | | | |
| Component Description: | Cost of electrical survey needed for transmitter electrical installation. Supporting documentation attached. | | | | | | | | | | | | |
| Amount: | \$2,600.00 | | | | | | | | | | | | |
| RF Interconnect | Information not provided. | | | | | | | | | | | | |
| Removal of Existing Equipment | Information not provided. | | | | | | | | | | | | |
| Other -- Building Addition Size: 545.0 | Information not provided. | | | | | | | | | | | | |

| | |
|--|--|
| 10 Ton system | <div> <div> Component Description: </div> <div> 90% progress payment for HVAC design services. Supporting documentation is attached. This invoice has been paid. </div> </div> <div> Amount: </div> <div> \$3,870.00 </div> |
| UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW | <div> <div> Component Description: </div> <div> \$1,000 deposit payment for Rohde & Schwarz transmitter. Supporting documentation attached. This invoice has been paid. </div> </div> <div> Amount: </div> <div> \$1,060.00 </div> |
| | <div> <div> Component Description: </div> <div> 3rd Milestone Payment (35%) for Rohde & Schwarz transmitter. Supporting documentation attached. This invoice has been paid. </div> </div> <div> Amount: </div> <div> \$405,859.20 </div> |
| | <div> <div> Component Description: </div> <div> 2nd Milestone Payment (30%) for Rohde & Schwarz transmitter. Supporting documentation attached. </div> </div> <div> Amount: </div> <div> \$345,307.89 </div> |

| | |
|---------------------------------------|---------------------------|
| Transformer 3 phase/480v - 300 KVA | Information not provided. |
|---------------------------------------|---------------------------|

Cost Information

Antennas

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|-----------------------------|-----------------------|--|-----------------------|---------------------------|
| Primary Antenna TFU-31ETT/VP-R O6 | \$308,530.00 | \$226,467.00 | | \$204,062.28 | |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed) | \$12,300.00 | \$10,298.00 | See attached Dielectric Quote #800071CMZ. | \$9,268.20 | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | See attached Dielectric Quote #800071CMZ. | \$5,760.00 | N/A |
| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized | \$289,500.00 | \$209,769.00 | See attached Dielectric Quote #800071CMZ. Excludes the cost of vertical polarization. Please also see Fuellgraf Chimney & Tower, Inc. Quote #2206. | \$189,034.08 | N/A |
| Sub-total | \$308,530.00 | \$226,467.00 | N/A | \$204,062.28 | N/A |
| Total for all systems | \$3,859,044.00 | \$2,966,517.43 | N/A | \$1,622,305.58 | N/A |

Components

| Actual Information | | |
|--|-------------------------------|--|
| Description | File Name | |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed) | Component Description: | 65% "prior to ship" payment for primary elbow complex. Explanation of variance form and supporting documentation attached. |
| | Amount: | \$6,693.70 |
| | Component Description: | 25% deposit payment for primary elbow complex. Explanation of variance form & supporting documentation attached. This invoice has been paid. |
| | Amount: | \$2,574.50 |

Sweep test of existing antenna

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:

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

Amount:

\$4,160.00

UHF - High Power Top
Mount (200-1000 kW), One
station antenna , elliptically
or circularly polarized

Component Description:

Payment for
beacon light for
antenna.
Supporting
documentation is
attached. This
invoice has been
paid.

Amount:

\$2,032.08

Component Description:

65% "prior to ship"
payment for
primary antenna.
Explanation of
variance form and
supporting
documentation
attached.

Amount:

\$135,057.00

Component Description:

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

Amount:

\$51,945.00

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 | \$161,600.00 | \$120,992.20 | | \$108,872.51 | |
| Rigid Transmission Line - copper, 6 1/8" | \$161,600.00 | \$120,992.20 | See attached Dielectric Quote #800071CMZ. | \$108,872.51 | N/A |
| Sub-total | \$161,600.00 | \$120,992.20 | N/A | \$108,872.51 | N/A |
| Total for all systems | \$3,859,044.00 | \$2,966,517.43 | N/A | \$1,622,305.58 | N/A |

Components

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

Rigid Transmission Line -
copper, 6 1/8"

Component Description:

25% deposit
payment for
transmission line
cut pieces.
Explanation of
variance form and
supporting
documentation
attached.

Amount:

\$2,148.13

Component Description:

65% "prior to ship"
payment for
transmission line
cut pieces.
Explanation of
variance form and
supporting
documentation
attached.

Amount:

\$5,585.13

Component Description:

25% deposit
payment for
primary
transmission line.
Explanation of
variance form and
supporting
documentation
attached.

Amount:

\$28,099.92

Component Description:

65% "prior to ship"
payment for
primary
transmission line.
Explanation of
variance form and
supporting
documentation
attached.

Amount:

\$73,039.33

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 | \$125,000.00 | | \$20,000.00 | |
| Tall Tower (greater than 500') | \$210,500.00 | \$125,000.00 | See Shared Equipment Exhibit for more information. | \$20,000.00 | N/A |
| Primary Tower TOWER | \$751,024.00 | \$721,067.00 | | \$446,160.71 | |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | \$421,000.00 | \$401,890.00 | See attached Worldwide Communications Quote #S-18-917. (Line 2) (Net of \$20,000 Security Deposit). Includes taxes (6.00%) of \$18,876.00. See attached Worldwide Communications Quote #S-19-952. Please see Vertical Technologies Services Quote #19039-MD. | \$302,092.71 | N/A |

| | | | | | |
|---|---------------------|----------------|---|----------------|-----|
| Structural engineering tower load study for well documented tower | \$12,600.00 | \$9,750.00 | See attached Crown Castle Quote #34278 Line 1 (Structural Analysis). Please see attached Paul J. Ford & Company Quote #A00018-0659.001. | \$8,250.00 | N/A |
| Minor tower reinforcement /modifications | \$158,000.00 | \$150,003.00 | See attached Crown Castle Quote #44884 and Crown Castle Quote #77631 (Tower and Mount Modifications). | \$16,250.00 | N/A |
| Tower Helicopter Lift | \$159,424.00 | \$159,424.00 | See attached Worldwide Communications Quote #S-18-917 (Line 1). Includes (6.00%) taxes of \$9,024.00 | \$119,568.00 | N/A |
| Sub-total | \$961,524.00 | \$846,067.00 | N/A | \$466,160.71 | N/A |
| Total for all systems | \$3,859,044.00 | \$2,966,517.43 | N/A | \$1,622,305.58 | N/A |

Components

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

| | | | | | |
|---------------------------------------|--|-------------------------------|---|----------------|-------------|
| <p>Tall Tower (greater than 500')</p> | <table><tr><td data-bbox="694 91 1109 784">Component Description:</td><td data-bbox="1109 91 1431 784">Down payment associated with securing tower service. Note that amount is not additional to cost of tower rigging and will be deducted from total cost of tower rigging at the time it is quoted. Supporting documentation attached. This invoice has been paid.</td></tr><tr><td data-bbox="694 784 1109 902">Amount:</td><td data-bbox="1109 784 1431 902">\$20,000.00</td></tr></table> | Component Description: | Down payment associated with securing tower service. Note that amount is not additional to cost of tower rigging and will be deducted from total cost of tower rigging at the time it is quoted. Supporting documentation attached. This invoice has been paid. | Amount: | \$20,000.00 |
| Component Description: | Down payment associated with securing tower service. Note that amount is not additional to cost of tower rigging and will be deducted from total cost of tower rigging at the time it is quoted. Supporting documentation attached. This invoice has been paid. | | | | |
| Amount: | \$20,000.00 | | | | |

| | | |
|---|-------------------------------|---|
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | | |
| | Component Description: | Tower services to collect data for transmission line run. Supporting documentation is attached. This invoice has been paid. |
| | Amount: | \$2,700.00 |
| | | |
| | Component Description: | "75% deposit" for tower services to install temporary antenna system. Supporting documentation is attached. |
| | Amount: | \$49,285.71 |
| | | |
| | Component Description: | 75% "deposit" payment for tower service. Supporting documentation attached. |
| | Amount: | \$250,107.00 |

| | |
|---|---|
| Structural engineering tower load study for well documented tower | <div> <div>Component Description:</div> <div>Cost of index plate design. Supporting documentation is attached. This invoice has been paid.</div> <div>Amount:</div> <div>\$2,000.00</div> </div> <div> <div>Component Description:</div> <div>Cost for construction drawings. Supporting documentation is attached. This invoice has been paid.</div> <div>Amount:</div> <div>\$2,500.00</div> </div> <div> <div>Component Description:</div> <div>Cost of engineering tower structural study. Supporting documentation attached. This invoice has been paid.</div> <div>Amount:</div> <div>\$3,750.00</div> </div> |
| Minor tower reinforcement /modifications | <div> <div>Component Description:</div> <div>Cost of engineering study to design tower modifications required per the engineering tower structural study. Supporting documentation attached. This invoice has been paid.</div> <div>Amount:</div> <div>\$16,250.00</div> </div> |

| | | | | | |
|-------------------------------|---|-------------------------------|--|----------------|--------------|
| Tower Helicopter Lift | <table><tr><td data-bbox="703 174 1018 210">Component Description:</td><td data-bbox="1145 174 1378 448">75% "deposit" payment for helicopter lift required for tower service. Supporting documentation attached.</td></tr><tr><td data-bbox="703 456 820 492">Amount:</td><td data-bbox="1145 456 1299 492">\$119,568.00</td></tr></table> | Component Description: | 75% "deposit" payment for helicopter lift required for tower service. Supporting documentation attached. | Amount: | \$119,568.00 |
| Component Description: | 75% "deposit" payment for helicopter lift required for tower service. Supporting documentation attached. | | | | |
| Amount: | \$119,568.00 | | | | |

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 | \$161,210.00 | \$152,750.00 | | \$6,992.99 | |
| RF Exposure Measurements | \$21,050.00 | \$20,000.00 | N/A | N/A | N/A |
| Comprehensive coverage verification via field study, if needed | \$84,200.00 | \$80,000.00 | N/A | N/A | N/A |
| FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase | \$2,105.00 | \$2,000.00 | N/A | N/A | N/A |
| ASR modification (prepare FCC Form 854) | \$2,105.00 | \$2,000.00 | N/A | N/A | N/A |
| Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet | \$10,520.00 | \$10,000.00 | N/A | N/A | N/A |

| | | | | | |
|--|------------|------------|-----|------------|-----|
| NEPA Section 106 environmental review, if needed | \$6,310.00 | \$6,000.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | \$3,680.00 | \$3,500.00 | N/A | N/A | N/A |
| Attorney Fees - Negotiation of lease and other matters for shared locations | \$4,210.00 | \$4,000.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application | \$2,365.00 | \$2,250.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00 | \$5,000.00 | N/A | \$4,742.99 | N/A |
| Prepare request for Special Temporary Authorization | \$2,050.00 | \$1,500.00 | N/A | N/A | N/A |
| 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 | \$2,000.00 | N/A |
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$7,000.00 | N/A | \$250.00 | 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 and or review reimbursement form | \$2,630.00 | \$2,500.00 | N/A | N/A | N/A |
| Sub-total | \$161,210.00 | \$152,750.00 | N/A | \$6,992.99 | N/A |
| Total for all systems | \$3,859,044.00 | \$2,966,517.43 | N/A | \$1,622,305.58 | N/A |

Components

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

| | |
|--|---------------------------|
| FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase | Information not provided. |
| ASR modification (prepare FCC Form 854) | Information not provided. |
| Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet | Information not provided. |
| NEPA Section 106 environmental review, if needed | Information not provided. |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | Information not provided. |
| Attorney Fees - Negotiation of lease and other matters for shared locations | Information not provided. |
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application | Information not provided. |

| | | | | | | | | | |
|---|---|--------------------------------------|--|-----------------------|-------------------|--------------------------------------|---|-----------------------|-------------------|
| <p>Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application</p> | <table> <tr> <td data-bbox="703 100 1109 840"> <p>Component Description:</p> </td><td data-bbox="1109 100 1428 840"> <p>Invoice for WPXW's portion of general repack legal expenses incurred for 42 of the ION repack stations for period 2/1/2017 - 12/15/2017. Payee has corresponded with FCC staff. Hourly supporting documentation and invoice attached.</p> </td></tr> <tr> <td data-bbox="703 840 1109 907"> <p>Amount:</p> </td><td data-bbox="1109 840 1428 907"> <p>\$4,742.99</p> </td></tr> <tr> <td data-bbox="703 907 1109 1518"> <p>Component Description:</p> </td><td data-bbox="1109 907 1428 1518"> <p>Invoice for station's portion of general repack legal expenses incurred for 42 of the ION repack stations for period 2/1/2017 - 12/15/2017. Payee has corresponded with FCC staff and has provided corrected supporting documentation.</p> </td></tr> <tr> <td data-bbox="703 1518 1109 1585"> <p>Amount:</p> </td><td data-bbox="1109 1518 1428 1585"> <p>\$4,837.97</p> </td></tr> </table> | <p>Component Description:</p> | <p>Invoice for WPXW's portion of general repack legal expenses incurred for 42 of the ION repack stations for period 2/1/2017 - 12/15/2017. Payee has corresponded with FCC staff. Hourly supporting documentation and invoice attached.</p> | <p>Amount:</p> | <p>\$4,742.99</p> | <p>Component Description:</p> | <p>Invoice for station's portion of general repack legal expenses incurred for 42 of the ION repack stations for period 2/1/2017 - 12/15/2017. Payee has corresponded with FCC staff and has provided corrected supporting documentation.</p> | <p>Amount:</p> | <p>\$4,837.97</p> |
| <p>Component Description:</p> | <p>Invoice for WPXW's portion of general repack legal expenses incurred for 42 of the ION repack stations for period 2/1/2017 - 12/15/2017. Payee has corresponded with FCC staff. Hourly supporting documentation and invoice attached.</p> | | | | | | | | |
| <p>Amount:</p> | <p>\$4,742.99</p> | | | | | | | | |
| <p>Component Description:</p> | <p>Invoice for station's portion of general repack legal expenses incurred for 42 of the ION repack stations for period 2/1/2017 - 12/15/2017. Payee has corresponded with FCC staff and has provided corrected supporting documentation.</p> | | | | | | | | |
| <p>Amount:</p> | <p>\$4,837.97</p> | | | | | | | | |
| <p>Prepare request for Special Temporary Authorization</p> | <p>Information not provided.</p> | | | | | | | | |
| <p>Prepare engineering section of FCC Form 2100 (main), License to Cover Application</p> | <p>Information not provided.</p> | | | | | | | | |

| | |
|--|--|
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | <p>Component Description:</p> <p>Cost of RF consultant preparation of engineering section of FCC Form 2100. Hourly supporting documentation attached. This invoice has been paid.</p> <p>Amount:</p> <p>\$2,000.00</p> |
| Perform engineering study for new channel assignment and antenna development | <p>Component Description:</p> <p>Cost of RF consultant work for new channel assignment and antenna development. Hourly supporting documentation attached. This invoice has been paid.</p> <p>Amount:</p> <p>\$62.50</p> <p>Component Description:</p> <p>Cost of RF consultant work for new channel assignment and antenna development. Hourly supporting documentation attached. This invoice has been paid.</p> <p>Amount:</p> <p>\$187.50</p> |
| Address transition timing and coordination issues w/ other stations and wireless | Information not provided. |

| | |
|---|---------------------------|
| Prepare and or review reimbursement form | 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 | \$89,280.00 | \$83,715.00 | | \$0.00 | |
| MVPD Notification of Channel Change | \$2,200.00 | \$2,200.00 | N/A | N/A | N/A |
| Develop and air announcement of upcoming channel change | \$0.00 | \$0.00 | The amount is yet to be determined (TBD) and ION will submit on-air announcement costs when finalized. | N/A | N/A |
| Equipment Storage | \$10,000.00 | \$10,000.00 | N/A | N/A | N/A |
| Equipment Delivery and Handling Charges | \$10,000.00 | \$10,000.00 | N/A | N/A | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | \$15,000.00 | \$15,000.00 | N/A | N/A | N/A |
| Non-zoning permits | \$15,000.00 | \$15,000.00 | N/A | N/A | N/A |
| Local Zoning | \$25,000.00 | \$25,000.00 | N/A | N/A | N/A |

| | | | | | |
|---|----------------|----------------|-----|----------------|-----|
| FCC Filing Fees - Special Temporary Authorization request | \$195.00 | \$190.00 | N/A | N/A | N/A |
| FCC Filing Fees - Form 2100 license to cover application | \$335.00 | \$325.00 | N/A | N/A | N/A |
| DTV Medical Facility Notification | \$11,550.00 | \$6,000.00 | N/A | N/A | N/A |
| Sub-total | \$89,280.00 | \$83,715.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$3,859,044.00 | \$2,966,517.43 | N/A | \$1,622,305.58 | N/A |

Components

Information not provided.

| Cost Information | Grand Total | | | |
|------------------|-----------------------|-----------------------------|----------------|----------------|
| | | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
| | | | | |
| | Total for all systems | \$3,859,044.00 | \$2,966,517.43 | \$1,622,305.58 |

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

| Certification | Section | Question | Response |
|---------------|---|---|----------|
| | Submission of Estimated Expenses Statements | <p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p> | |
| | | <ol style="list-style-type: none"> 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>07/19/2019</p> |

| Certification | Section | Question | Response |
|---------------|--|--|----------|
| | Submission of Actual Cost Documentation Statements | <p>WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).</p> | |
| | | <ol style="list-style-type: none"> 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>07/19/2019</p> |

Attachments