



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **31870** | Service: **DTV** | Call **KYAZ** | Channel: **25 (UHF)**  
ID: | Sign:  
File **0000028371**  
Number:  
FRN: **0026907345** | Date **11/11**  
Submitted: **/2019**

## Applicant Information

### Applicant Name, Type, and Contact Information

| Applicant                      | Address  | Phone             | Email                        | Applicant Type |
|--------------------------------|--|-------------------|------------------------------|----------------|
| <b>HC2 STATION GROUP, INC.</b> | RENEE ILHARDT<br>450 PARK AVENUE<br>NEW YORK,<br>NY 10022<br>United States | +1 (212) 339-5835 | RILHARDT@HC2BROADCASTING.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   | Site owner will install an interim antenna for shared use by two stations currently sharing an antenna to continue operation while the shared Main antenna atop the tower is replaced and configured to support three stations. |

**Transmitters**

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

**Primary  
Transmitter**

**Existing Transmitter Information**

| Section   | Question   | Response                 |
|---|--|--------------------------|
| <b>Existing Transmitter Description</b>           | Type of change   | Purchase<br>New          |
|   | Use  | Primary<br>(Main)        |
|   | Description of Use   | N/A                      |
|   | Ownership  | Owned                    |
|   | Owner  | N/A                      |
|   | Site   | N/A                      |
|   | Is this transmitter currently shared with another station? | No                       |
|   | Is this transmitter currently in operating condition?      | Yes                      |
| <b>Existing Transmitter Manufacturer and Type</b> | Manufacturer   |                          |
|   | Model  | HP60TDP                  |
|   | Year   | 2008                     |
|   | Type   | Inductive<br>Output Tube |
|   | IOT Power Type   | Two                      |
|   | Power Capacity   | 40 kW                    |

**Primary Transmitter**

**New Transmitter Costs**

| Section                | Question                                  | Response  |
|------------------------|---|---|
| <b>New Transmitter</b> | Use                                       | Primary (Main)  |
|                        | Change Type                               | Purchase New  |
|                        | Is this a request for upgraded equipment? | Yes   |
|                        | Manufacturer                              |   |
|                        | Model                                     | THU9EVO-36  |
|                        | Transmitter Type                          | Solid State   |
|                        | Solid State Cooling                       | Liquid Cooled   |
|                        | Solid State Power capacity                | 55 kW   |
|                        | Justification for New Transmitter         | The existing IOT transmitter is no longer supported by the manufacturer and cannot be retuned to the new channel. A solid state transmitter costs less than the only available IOT transmitter. |

**Primary Transmitter**

**Other Transmitter Costs**

| Section                   | Question                              | Response |
|---------------------------|---------------------------------------|----------|
| <b>Electrical Service</b> | Service Entrance (3 phases 800A 208V) | No       |
|                           | Switchgear (industrial 800 amp)       | Yes      |

|  |   |                    |
|--|---|--------------------|
|  | Transformer (480V)  | Yes                |
|  | Power   | 150 kVA            |
|  | Rigid Conduit and Wiring  | Yes                |
|  | Size  | 2 inches           |
|  | Length  | 1100.0 feet        |
|  | Other Electrical Service  | No                 |
|  | Description   | N/A                |
| <b>HVAC Service</b>  | Does the replacement transmitter require HVAC Service?  | Yes                |
|  | Type  | Cooling Only       |
|  | Size  | 10 tons            |
|  | Other Size  | N/A                |
| <b>Transmitter Building Addition/Modification or Leasehold Improvement</b> | Does the Transmitter Building require an addition, modification, other leasehold improvement? | Yes                |
|  | Size  | 1500.0 square feet |
| <b>Channel 14 Costs</b>  | Is an RF Consulting Engineer needed?  | N/A                |
|  | Is a channel 14 Mask Filer needed?  | N/A                |
|  | Is additional field engineering time needed?  | N/A                |
|  | Number of Days  | N/A                |

**Primary Transmitter**

**Other Transmitter Cost Not Listed**

| Name                           | Description  |
|--------------------------------|--|
| Ice shield for HVAC equipment. | Ice protection for new outdoor HVAC equipment outside the combiner room. The total estimated area is 300 sq. ft. |

|   |  |
|---|--|
| <b>Electrical sub panels</b>                              | New HVAC electrical subpanels for new AC units required for the repack combiner area fed from the existing 480 VAC main panel. This equipment is required to provide existing power to new HVAC units. |
| <b>Route new main transmitter to existing Mask Filter</b> | Route new main transmitter to existing Mask Filter   |
| <b>Other Costs</b>  | Other Costs  |

**Antennas**

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

**Primary  
Antenna**

**Existing Antenna Information**

| Section                                       | Question   | Response          |
|---|--|-------------------|
| <b>Existing Antenna Description</b>           | Type of change   | Purchase<br>New   |
|   | Antenna Use  | Primary<br>(Main) |
|   | Description of Use   | N/A               |
|   | Ownership  | Owned             |
|   | Owner  | N/A               |
|   | Site   | N/A               |
|   | Is the existing antenna shared with another station or stations? | Yes               |
|   | Is the existing antenna directional?                             | Yes               |
|   | Is antenna in operating condition?                               | Yes               |
|   | Is antenna located on or in close proximity to an antenna farm?  | Yes               |
| <b>Existing Antenna Manufacturer and Type</b> | Class  | Full Power        |
|   | Mounting   | Top Mount         |
|   | Antenna position in stack  | Not in Stack      |
|   | Polarization   | Horizontal        |
|   | Type   | Other             |
|   | 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   | Cavity Slot       |
|   | ERP: (Effective Radiated Power)                                  | 1000.0 kW         |
|   | Manufacturer   |                   |



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|       |                 |
|-------|-----------------|
| Model | RD32A-4255EDS65 |
| Year  | 2008            |

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

| Facility ID | Call Sign |
|-------------|-----------|
| 28324       | KTBU      |

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**Primary  
Antenna**

**New Antenna Costs**

| Section                                   | Question   | Response           |
|---|--|--------------------|
| <b>New Antenna Description</b>            | 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?   | Yes                |
|   | Is antenna directional?  | Yes                |
|   | Will antenna be located on or in close proximity to an antenna farm? | No                 |
| <b>New Antenna Manufacturer and Types</b> | Class  | Full Power         |
|   | Mounting   | Top Mount          |
|   | Antenna position in stack  | Not in Stack       |
|   | Polarization   | Elliptical         |
|   | Type   | Slotted<br>Coaxial |
|   | Number of Stations Supported   | N/A                |
|   | Number of Panels/Bays  | N/A                |
|   | Lower Limit  | N/A                |
|   | Upper Limit  | N/A                |
|   | Design power capacity in use   | N/A                |
|   | Other Antenna Type   | N/A                |
|   | ERP: (Effective Radiated Power)<br>.....                             | 645.0 kW           |
|   | Manufacturer   |                    |
|   | Model  | PEPL42C            |
| Year                                      | 2018   |                    |

|                               |  |
|-------------------------------|--|
| Justification for New Antenna | Current shared antenna will not work for the new assigned channels. New 14 bay Broadband antenna, with 56 elements total, required to accommodate the new repack frequencies. This antenna will be a four-sided assembly mast. |
|-------------------------------|--|

**Primary Antenna**

**Other Antenna Costs**

| Section                            | Question  | Response                |
|------------------------------------|---|-------------------------|
| <b>Combiner for Shared Antenna</b> | Do you need a Combiner for a Shared Antenna?                          | Yes                     |
|                                    | Type  | New                     |
|                                    | Number of channels supported  | 3                       |
|                                    | Frequencies of channels supported                                     | RF channel              |
|                                    | Frequency   | N/A                     |
|                                    | Do you need a combiner output splitter /switcher for dual feed lines? | No                      |
| <b>Elbow Complex</b>               | Do you require the separate purchase of the Elbow Complex?            | Yes                     |
|                                    | Broadband or Single Channel?  | Broadband               |
|                                    | Feed Line Size  | 7 3/16 inches<br>inches |

|                                 |   |     |
|---------------------------------|---|-----|
| <b>Side Mount Brackets</b>      | Do you require the separate purchase of side mount brackets for a high power antenna?                       | No  |
| <b>Pattern Scatter Analysis</b> | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | No  |
| <b>Sweep Test</b>               | Do you require the sweep testing of transmission line and antenna?  | Yes |

**Enter a list of RF channel numbers.**

| RF Channel Number |
|-------------------|
| 33                |
| 21                |
| 25                |

**Primary Antenna**

**Other Antenna Cost Not Listed**

| Name  | Description                                   |
|---|---|
| Transmission line run to shared Combiner room | Transmission line run to shared Combiner room |

**Interim  
Antenna**

**New Antenna Costs**

| <b>Section</b>                               | <b>Question</b>  | <b>Response</b>                  |
|--|--|----------------------------------|
| <b>New Antenna Description</b>               | Use  | Interim                          |
|  | Description of Use   | N/A                              |
|  | Change Type  | Purchase<br>New                  |
|  | Ownership  | Leased                           |
|  | Owner  | American<br>Tower<br>Corporation |
|  | Is antenna shared?   | Yes                              |
|  | Is antenna directional?  | Yes                              |
|  | Will antenna be located on or in close proximity to an antenna farm? | Yes                              |
| <b>New Antenna<br/>Manufacturer and Type</b> | Class  | Full Power                       |
|  | Mounting   | Side Mount                       |
|  | Antenna position in stack  | Not in Stack                     |
|  | Polarization   | Horizontal                       |
|  | Type   | Slotted<br>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)                                      | 1000.0 kW                        |
|  | Manufacturer   |                                  |
| Model  | TFU-24WB-<br>C160  |                                  |

|                               |   |
|-------------------------------|---|
| Year                          | 2018  |
| Justification for New Antenna | The main antenna on top needs to be replaced; due to the complexity of the work, an interim antenna will need to be installed to keep the station on the air. |

**Interim Antenna**

**Other Antenna Costs**

| Section                            | Question  | Response      |
|------------------------------------|---|---------------|
| <b>Combiner for Shared Antenna</b> | Do you need a Combiner for a Shared Antenna?  | No            |
|                                    | Type  |               |
|                                    | Number of channels supported  | N/A           |
|                                    | Frequencies of channels supported   | N/A           |
|                                    | Frequency   | N/A           |
|                                    | Do you need a combiner output splitter /switcher for dual feed lines?                                       | N/A           |
| <b>Elbow Complex</b>               | Do you require the separate purchase of the Elbow Complex?  | Yes           |
|                                    | Broadband or Single Channel?  | B             |
|                                    | Feed Line Size  | 7 3/16 inches |
| <b>Side Mount Brackets</b>         | Do you require the separate purchase of side mount brackets for an antenna?                                 | Yes           |
| <b>Pattern Scatter Analysis</b>    | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | No            |

|                   |  |     |
|-------------------|--|-----|
| <b>Sweep Test</b> | Do you require the sweep testing of transmission line and antenna? | Yes |
|-------------------|--|-----|

**Interim  
Antenna**

**Other Antenna Cost Not Listed**

| <b>Name</b>                  | <b>Description</b>   |
|------------------------------|--|
| <b>Combiner Installation</b> | Combiner installation cost for three 3 or 6 modules, 2 per channel constant impedance waveguide modules and three directional filter modules, for 3 repacked frequency transmitters. |

**Transmission  
Line**

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



**Primary  
Transmission  
Line**

**Existing Transmission Line**

| Section   | Question   | Response           |
|---|--|--------------------|
| <b>Existing Transmission Line Description</b>           | Type of change   | Purchase<br>New    |
|   | Use  | Primary<br>(Main)  |
|   | Description of Use   | N/A                |
|   | Ownership  | Leased             |
|   | Owner  | KTBU-TV            |
|   | Site   | N/A                |
|   | Is the existing transmission line shared with another station or stations? | Yes                |
|   | Is Transmission Line in operating condition?                               | Yes                |
| <b>Existing Transmission Line Manufacturer and Type</b> | Manufacturer   |                    |
|   | Type   | Rigid              |
|   | Diameter   | 7 3/16<br>inches   |
|   | Other Diameter   | N/A                |
|   | Segment Length   | Broadband          |
|   | Other Segment Length   | N/A                |
|   | Number of parallel runs  | 1                  |
|   | Length   | 20 feet per<br>run |

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

| Facility ID | Call Sign |
|-------------|-----------|
| 28324       | KTBU      |

**Primary  
Transmission  
Line**

**New Transmission Line**

| Section                            | Question                                  | Response  |
|------------------------------------|---|---|
| <b>New Transmission Line Costs</b> | Use                                       | Primary (Main)  |
|                                    | Description of Use                        | N/A   |
|                                    | Change Type                               | Purchase New  |
|                                    | Is this a request for upgraded equipment? | No  |
|                                    | Type                                      | Rigid   |
|                                    | Diameter                                  | 7 3/16 inches   |
|                                    | Other Diameter                            | N/A   |
|                                    | Segment Length                            | Broadband   |
|                                    | Other Segment Length                      | N/A   |
|                                    | Number of parallel runs                   | 2   |
|                                    | Length                                    | 2100 feet per run   |
|                                    | Justification for New Transmission Line   | New broadband transmission line is required to run multiple shared channels for a master antenna. |

**Primary  
Transmission  
Line**

**Other Transmission Line Expenses Not Listed**

| Name   | Description   |
|--|---|
| <b>Interim Antenna Connection to New Transmitter</b> | Temporary connection to interim antenna with new transmitter is required to remove current equipment and make space for second transmitter on shared space. |

**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          |
|--|---|-------------------|
| <b>Existing Tower Description</b>                          | 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                                   | Yes               |
|  | Is tower documented for structural analysis?            | Yes               |
|  | Is tower compliant with Rev G?                          | Yes               |
| <b>Existing Tower Structure Registration</b>               | Do you have a tower registration number?                | Yes               |
|  | ASR Number  | 1059622           |
| <b>Coordinates (NAD83 ( North American Datum of 1983))</b> | Latitude (NAD83)  | 29° 33' 45.2" N-  |
|  | Longitude (NAD83)                                       | 095° 30' 35.9" W- |
|  | Overall Structure Height                                | 1974.06 feet      |
|  | Support Structure Height                                | 1844.14 feet      |
|  | Ground Elevation Above Mean Sea Level (AMSL)            | 74.15 feet        |

|                  |   |
|------------------|---|
| Structure Type   | GTOWER -<br>Guyed<br>Structure Used<br>for<br>Communication<br>Purposes |
| Tower Owner      | American<br>Towers, LLC.  |
| Date Constructed | 08/30/2000  |

**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 |
|-------------|-----------|---------|
| 9625        | KQBT      | FM      |
| 13200       | KUVM-CD   | DTV     |
| 22204       | KRIV      | DTV     |
| 28324       | KTBU      | DTV     |
| 51569       | KTXH      | DTV     |
| 69531       | KZJL      | DTV     |
| 53847       | KXLN-DT   | DTV     |
| 11971       | KMJQ      | FM      |
| 11969       | KBXX      | FM      |

**Other Types of Users**

| Users         |
|---------------|
| Wireless      |
| LPTV          |
| FM translator |

**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:     | Major Reinforcements needed            |

**Primary Tower**

**Tower Rigging Costs**

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

**Primary Tower**

**Other Tower Expenses Not Listed**

| Name   | Description  |
|--|--|
| Tower permit drawing package                     | Basic drawing package for municipality permitting.   |
| Construction project management                  | 17.5 hours on modification project management and 42.5 hours for RF installation project management. |
| Ground, Building A and E Permit Drawing Package. | Basic drawing package for municipality permitting.   |

**Outside Professional Services Costs**

| Section   | Question   | Response  |
|---|--|---|
| <b>Outside Project Management Services</b>        | Do you require outside project management services?                          | Yes   |
|   | Number of Hours  | 245   |
|   | Explanation  | Project management fee for the transition of broadcasters. Scheduling and management of the timelines and schedules occurring during the repack. Overseeing all work carried out in KYAZ space in the transmitter building. |
| <b>Outside RF consulting Engineering Services</b> | Perform engineering study for new channel assignment and antenna development | Yes   |
|   | Prepare engineering section of Form FCC Construction Permit Application      | Yes   |
|   | For Auxiliary Facility   | Yes   |
|   | For Main Facility  | Yes   |
|   | Prepare engineering section of Form FCC License to Cover Application         | Yes   |
|   | For Auxiliary Facility   | Yes   |
|   | For Main Facility  | Yes   |
|   | Prepare request for Special Temporary Authority                              | Yes   |
|   | Quantity   | 1   |

|  |   |     |
|--|---|-----|
|  | Do you have Distributed Transmission System engineering services? | N/A |
|  | Critical Facility   | N/A |
|  | Terrain-Shielded Facility   | N/A |
| <b>Attorney and Other Outside Consulting Services</b>                                      | Prepare and file Form FCC Construction Permit Application         | Yes |
|  | For Auxiliary Facility  | Yes |
|  | For Main Facility   | Yes |
|  | Prepare and file Form FCC License to Cover Application            | Yes |
|  | For Auxiliary Facility  | Yes |
|  | 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        | No  |
|  | Prepare or Review FCC Form 399 for Reimbursement                  | Yes |
| Address transition timing and coordination issues w/ other stations and wireless providers | Yes   |     |
| <b>RF Field Engineering Services</b>   | Comprehensive coverage verification via field study               | Yes |
|  | RF exposure measurements  | Yes |
|  | Additional Field Engineering Service                              | No  |
|  | Number of Days  | N/A |

|               |
|---------------|
| Justification |
|---------------|

|     |
|-----|
| N/A |
|-----|

**Outside  
Professional  
Services  
Costs**

**Other Professional Services Expenses Not Listed**

| Name   | Description   |
|--|---|
| <b>Migratory Bird Assessment Permitting, if needed</b> | Migratory Bird Assessment Permitting, if needed.  |
| <b>RF System test</b>                                  | Testing of the combiner to ensure that each channel in use by a station is tuned for optimal performance.   |
| <b>Site Coordination Meeting</b>                       | Site coordination meetings with all broadcasters, contractors and vendors involved with site deliveries and construction. This cost is for travel and logistics expenses accrued. |
| <b>Other Costs</b>                                     | Other Costs   |



**Other Expenses**

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

**Other  
Expenses**

**Other Expenses Not Listed**

| <b>Name</b>   | <b>Description</b>   |
|---|--|
| <b>ATC one time tower rental during market repack period.</b> | ATC has 5 customers at the Missouri City site being repacked, with 3 repacked broadcasters on top of the candelabra. The interim Main side mount antenna will allow broadcasters to minimize their OTA disruption while maintaining their coverage contours. |
| <b>Other Costs</b>  | Other Costs  |
| <b>Access Road Upgrades</b>                                   | The access road to the site will undergo many stresses from delivery of heavy equipment and reconfiguration of utilities at the site. Initial upgrades will reduce the need for repairs and maintain traffic flow.   |
| <b>Compound Fencing</b>                                       | Facilitating construction operations in the compound area will require removal, reinstallation, and sometimes replacement of fencing to provide necessary access to heavy machinery.   |
| <b>Grading</b>  | Due to the very soft soil at the site and the need for movement of heavy equipment, grading is required to avoid having the equipment sink into the soil   |
| <b>Site Security</b>  | Site security for installation and storage of Transmission line and materials for 12 hours per day for 30 days. The materials are at a high risk of theft due to the material makeup, such as copper, brass and aluminum.                                    |

**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 |
|--|-----------------------------|-----------------------|---|---------------------|---------------------------|
| <b>Primary Transmitter THU9EVO-36</b>              | <b>\$2,947,311.40</b>       | <b>\$1,043,899.00</b> |   | <b>\$958,588.00</b> |                           |
| Other Costs  | <i>\$9,250.00</i>           | \$9,250.00            | See quote from American Towers for Preparing Form 854, total of line 10 and 11. | \$6,937.50          | N/A                       |
| Route new main transmitter to existing Mask Filter | <i>\$18,811.40</i>          | \$18,811.40           | N/A   | \$18,811.40         | N/A                       |
| Electrical sub panels                              | <i>\$20,000.00</i>          | \$20,000.00           | N/A   | N/A                 | N/A                       |
| Ice shield for HVAC equipment.                     | <i>\$8,000.00</i>           | \$8,000.00            | N/A   | N/A                 | N/A                       |
| Transformer 3 phase /480v - 150 KVA                | \$25,550.00                 | \$20,000.00           | N/A   | N/A                 | N/A                       |
| 10 Ton system                                      | \$38,900.00                 | \$24,667.00           | See quote from American Towers for Preparing Form 854, line 8.                  | \$18,499.75         | N/A                       |

|   |                    |                |  |                |     |
|---|--------------------|----------------|--|----------------|-----|
| Other --<br>Building<br>Addition<br>Size: 1500.0                      | <i>\$25,000.00</i> | \$25,000.00    | N/A  | N/A            | N/A |
| UHF -<br>Liquid<br>Cooled<br>Solid State<br>Transmitter<br>52 - 61 kW | \$1,788,000.00     | \$862,107.34   | Updated<br>estimated<br>cost.  | \$862,107.34   | N/A |
| Switchgear<br>- industrial<br>800 amp                                 | \$38,200.00        | \$45,375.00    | See quote<br>from<br>American<br>Towers for<br>Preparing<br>Form 854,<br>total of line<br>6 on ATC<br>quote and<br>Marsand<br>invoice<br>cost. | \$43,106.25    | N/A |
| 2" Rigid<br>Conduit and<br>Wiring<br>(Cost per<br>foot)               | \$28,600.00        | \$6,250.00     | See quote<br>from<br>American<br>Towers for<br>Preparing<br>Form 854,<br>line 7.   | \$4,687.50     | N/A |
| UHF -<br>Liquid<br>Cooled<br>Solid State<br>Transmitter<br>21 - 31 kW | \$947,000.00       | \$4,438.26     | ***System<br>Notice:<br>Estimate<br>adjusted<br>and locked<br>because<br>line has<br>been<br>superseded.<br>***                                | \$4,438.26     | N/A |
| <b>Sub-total</b>  | \$2,947,311.40     | \$1,043,899.00 | N/A  | \$958,588.00   | N/A |
| <b>Total for all<br/>systems</b>                                      | \$6,270,282.66     | \$2,381,714.36 | N/A  | \$1,737,239.37 | N/A |

## Components

| Actual Information<br>Description                   | File Name   |
|---|---|
| Other Costs   | <p><b>Component Description:</b> Transmitter related cost, line 10 and 11 on quote. #460208938</p> <p><b>Amount:</b> \$4,625.00</p> <p><b>Component Description:</b> Transmitter related cost, line 10 and 11 on quote. #460203509</p> <p><b>Amount:</b> \$2,312.50</p> |
| Route new main transmitter to existing Mask Filter  | <p><b>Component Description:</b> Transmitter related cost. #6972</p> <p><b>Amount:</b> \$18,811.40</p>  |
| Electrical sub panels                               | Information not provided.   |
| Ice shield for HVAC equipment.                      | Information not provided.   |
| Transformer 3 phase/480v - 150 KVA                  | Information not provided.   |
| 10 Ton system                                       | <p><b>Component Description:</b> Transmitter related cost, line 8 on quote. #460208938</p> <p><b>Amount:</b> \$12,333.00</p> <p><b>Component Description:</b> Transmitter related cost, line 8 on quote. #460203509</p> <p><b>Amount:</b> \$6,166.75</p>                |
| Other -- Building Addition<br>Size: 1500.0          | Information not provided.   |
| UHF - Liquid Cooled Solid State Transmitter 52 - 61 |   |

**Component Description:** Transmitter related  
cost. #033119-  
HOU2  
**Amount:** \$1,080.00

**Component Description:** Transmitter related  
cost. #043019-  
HOU2  
**Amount:** \$1,440.00

**Component Description:** 25% transmitter  
cost, upgrade  
excluded.  
#9500085909  
**Amount:** \$196,837.50

**Component Description:** Transmitter related  
cost. #9500092933  
**Amount:** \$4,438.26

**Component Description:** Transmitter related  
cost. #013119-  
HOU1  
**Amount:** \$1,400.00

**Component Description:** 75% transmitter  
cost plus tax,  
upgrade cost  
excluded.  
#9500094092  
**Amount:** \$655,209.84

**Component Description:** Transmitter related  
cost. #9500097403  
**Amount:** \$5,460.00

|   |  |
|---|--|
|   | <p><b>Component Description:</b> Transmitter related cost. #022819-HOU2</p> <p><b>Amount:</b> \$680.00</p>   |
| Switchgear - industrial 800 amp             | <p><b>Component Description:</b> Transmitter related cost, line 6 on quote. #460208938</p> <p><b>Amount:</b> \$4,537.50</p> <p><b>Component Description:</b> Transmitter related cost, line 6 on quote. #460203509</p> <p><b>Amount:</b> \$2,268.75</p> <p><b>Component Description:</b> Transmitter related cost. #6972</p> <p><b>Amount:</b> \$36,300.00</p> |
| 2" Rigid Conduit and Wiring (Cost per foot) | <p><b>Component Description:</b> Transmitter related cost, line 7 on quote. #460208938</p> <p><b>Amount:</b> \$3,125.00</p> <p><b>Component Description:</b> Transmitter related cost, line 7 on quote. #460203509</p> <p><b>Amount:</b> \$1,562.50</p>  |

UHF - Liquid Cooled Solid  
State Transmitter 21 - 31  
kW

**Component Description:** Transmitter related  
cost. #9500092933  
**Amount:** \$4,438.26

**Component Description:** 75% balance of the  
project.  
#9500094092  
**Amount:** \$655,209.84

**Component Description:** 25%  
downpayment,  
upgrade amount  
excluded.  
#9500085909  
**Amount:** \$196,837.50



**Cost Information**

**Antennas**

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

| Description   | Predetermined Cost Estimate | Estimated Cost      | Estimated Cost Justification  | Actual Cost         | Actual Cost Justification |
|---|-----------------------------|---------------------|---|---------------------|---------------------------|
| <b>Interim Antenna TFU-24WB-C160</b>  | <b>\$181,663.00</b>         | <b>\$176,333.00</b> |   | <b>\$94,950.00</b>  |                           |
| Combiner Installation   | <i>\$8,333.00</i>           | \$8,333.00          | N/A   | \$0.00              | N/A                       |
| Side mount brackets for high power antennas (if not included in antenna base cost)                    | \$23,150.00                 | \$20,000.00         | N/A   | N/A                 | N/A                       |
| Elbow complex, broadband, at antenna input, per 7 3 /16. feedline (if needed)                         | \$16,850.00                 | \$15,000.00         | N/A   | N/A                 | N/A                       |
| Sweep test of existing antenna  | \$6,730.00                  | \$6,400.00          | N/A   | N/A                 | N/A                       |
| UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, horizontally polarized | <i>\$126,600.00</i>         | \$126,600.00        | See quote from American Towers for Preparing Form 854, total of line 1 and 5. | \$94,950.00         | N/A                       |
| <b>Primary Antenna PEPL42C</b>  | <b>\$420,823.02</b>         | <b>\$266,663.02</b> |   | <b>\$205,882.52</b> |                           |

|  |                    |                |   |                |     |
|--|--------------------|----------------|---|----------------|-----|
| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized | \$289,500.00       | \$149,920.00   | See quote from American Towers for Preparing Form 854, line 12.                 | \$112,440.00   | N/A |
| Sweep test of existing antenna   | \$6,730.00         | \$11,667.00    | See quote from American Towers for Preparing Form 854, total of line 14 and 33. | \$8,749.75     | N/A |
| New combiner, cost per channel (without antenna)   | \$84,200.00        | \$62,333.00    | See quote from American Towers for Preparing Form 854, total of line 13 and 16. | \$46,749.75    | N/A |
| Elbow complex, broadband, at antenna input, per 7 3 /16. feedline (if needed)                        | \$16,850.00        | \$19,200.00    | See quote from American Towers for Preparing Form 854, total of line 2 and 15.  | \$14,400.00    | N/A |
| Transmission line run to shared Combiner room  | <b>\$23,543.02</b> | \$23,543.02    | N/A   | \$23,543.02    | N/A |
| <b>Sub-total</b>   | \$602,486.02       | \$442,996.02   | N/A   | \$300,832.52   | N/A |
| <b>Total for all systems</b>   | \$6,270,282.66     | \$2,381,714.36 | N/A   | \$1,737,239.37 | N/A |

## Components

| Actual Information<br>Description   | File Name   |
|---|---|
| Combiner Installation   | Information not provided.   |
| Side mount brackets for high power antennas (if not included in antenna base cost)                    | Information not provided.   |
| Elbow complex, broadband, at antenna input, per 7 3/16. feedline (if needed)                          | Information not provided.   |
| Sweep test of existing antenna  | Information not provided.   |
| UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, horizontally polarized | <p data-bbox="719 808 1374 920"><b>Component Description:</b> Antenna related cost, line 1 &amp; 5 on the quote.<br/>#460208938</p> <p data-bbox="719 969 1294 1003"><b>Amount:</b> \$63,300.00</p> <p data-bbox="719 1111 1374 1223"><b>Component Description:</b> Antenna related cost, line item 1 &amp; 5 on quote.<br/>#460203509</p> <p data-bbox="719 1272 1294 1305"><b>Amount:</b> \$31,650.00</p> |
| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized  | <p data-bbox="719 1440 1350 1552"><b>Component Description:</b> Antenna related cost, line 12 on quote.<br/>#460208938</p> <p data-bbox="719 1601 1294 1635"><b>Amount:</b> \$74,960.00</p> <p data-bbox="719 1742 1350 1854"><b>Component Description:</b> Antenna related cost, line 12 on quote.<br/>#460203509</p> <p data-bbox="719 1904 1294 1937"><b>Amount:</b> \$37,480.00</p>                     |

|   |   |
|---|---|
| <p>Sweep test of existing antenna</p>   | <p><b>Component Description:</b> Antenna related cost, line 14 and 33 on quote.<br/>#460208938</p> <p><b>Amount:</b> \$5,833.00</p> <p><b>Component Description:</b> Antenna related cost, line 14 and 33 on quote.<br/>#460203509</p> <p><b>Amount:</b> \$2,916.75</p>   |
| <p>New combiner, cost per channel (without antenna)</p>                             | <p><b>Component Description:</b> Antenna related cost, line 13 and 16 on quote.<br/>#460208938</p> <p><b>Amount:</b> \$31,166.50</p> <p><b>Component Description:</b> Antenna related cost, line 13 and 16 on quote.<br/>#460203509</p> <p><b>Amount:</b> \$15,583.25</p> |
| <p>Elbow complex, broadband, at antenna input, per 7 3/16. feedline (if needed)</p> | <p><b>Component Description:</b> Antenna related cost, line 2 and 15 on quote.<br/>#460208938</p> <p><b>Amount:</b> \$9,600.00</p> <p><b>Component Description:</b> Antenna related cost, line 2 and 15 on quote.<br/>#460203509</p> <p><b>Amount:</b> \$4,800.00</p>     |

Transmission line run to  
shared Combiner room

**Component Description:**

Antenna related  
cost. #6972

**Amount:**

\$23,543.02

**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 |
|--|-----------------------------|-----------------------|---|-----------------------|---------------------------|
| <b>Primary Transmission Line</b>                     | <b>\$1,466,951.24</b>       | <b>\$353,951.24</b>   |   | <b>\$214,200.00</b>   |                           |
| Rigid Transmission Line - copper, 7 3 /16" broadband | \$1,398,600.00              | \$285,600.00          | See quote from American Towers for Preparing Form 854, line 17. | \$214,200.00          | N/A                       |
| Interim Antenna Connection to New Transmitter        | <i>\$68,351.24</i>          | \$68,351.24           | N/A   | \$0.00                | N/A                       |
| <b>Sub-total</b>                                     | <b>\$1,466,951.24</b>       | <b>\$353,951.24</b>   | <b>N/A</b>  | <b>\$214,200.00</b>   | <b>N/A</b>                |
| <b>Total for all systems</b>                         | <b>\$6,270,282.66</b>       | <b>\$2,381,714.36</b> | <b>N/A</b>  | <b>\$1,737,239.37</b> | <b>N/A</b>                |

**Components**

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

|  |   |
|--|---|
| Rigid Transmission Line -<br>copper, 7 3/16" broadband | <p><b>Component Description:</b> Transmission line related cost, line 17 on quote.<br/>#460208938</p> <p><b>Amount:</b> \$142,800.00</p><br><p><b>Component Description:</b> Transmission line related cost, line 17 on quote.<br/>#460203509</p> <p><b>Amount:</b> \$71,400.00</p> |
| Interim Antenna Connection<br>to New Transmitter       | Information not provided.   |

**Cost Information**

**Tower Equipment and Rigging Costs**

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

| Description  | Predetermined Cost Estimate | Estimated Cost      | Estimated Cost Justification  | Actual Cost         | Actual Cost Justification |
|--|-----------------------------|---------------------|---|---------------------|---------------------------|
| <b>Primary Tower GTOWER</b>  | <b>\$878,900.00</b>         | <b>\$217,988.00</b> |   | <b>\$150,816.00</b> |                           |
| Major tower reinforcement /modifications                                       | \$421,000.00                | \$90,000.00         | See quote from American Towers for Preparing Form 854, total of line 3 and 20.  | \$67,500.00         | N/A                       |
| Structural engineering tower load study for a documented tower with candelabra | \$20,000.00                 | \$11,088.00         | See quote from American Towers for Preparing Form 854, total of line 18 and 19. | \$8,316.00          | N/A                       |
| Tower permit drawing package   | <i>\$4,700.00</i>           | \$4,700.00          | N/A   | N/A                 | N/A                       |
| Construction project management  | <i>\$7,500.00</i>           | \$7,500.00          | N/A   | N/A                 | N/A                       |
| Ground, Building A and E Permit Drawing Package.                               | <i>\$4,700.00</i>           | \$4,700.00          | N/A   | N/A                 | N/A                       |



|  |                |                |  |                |     |
|--|----------------|----------------|--|----------------|-----|
| Complex Tower<br>(includes, for example, those with candelabras and/or stacked antennas) | \$421,000.00   | \$100,000.00   | See quote from American Towers for Preparing Form 854, total of line 4 and 21. | \$75,000.00    | N/A |
| <b>Sub-total</b>   | \$878,900.00   | \$217,988.00   | N/A  | \$150,816.00   | N/A |
| <b>Total for all systems</b>   | \$6,270,282.66 | \$2,381,714.36 | N/A  | \$1,737,239.37 | N/A |

### Components

| Actual Information                       |                               |   |
|--|-------------------------------|---|
| Description                              | File Name                     |   |
| Major tower reinforcement /modifications | <b>Component Description:</b> | Tower related cost, line 3 and 20 on quote.<br>#460208938 |
|  | <b>Amount:</b>                | \$45,000.00   |
|  | <b>Component Description:</b> | Tower related cost, line 3 and 20 on quote.<br>#460203509 |
|  | <b>Amount:</b>                | \$22,500.00   |

|  |  |
|--|--|
| <p>Structural engineering tower load study for a documented tower with candelabra</p>        | <p><b>Component Description:</b> Tower related cost, line 18 and 19 on quote.<br/>#460208938</p> <p><b>Amount:</b> \$5,544.00</p><br><p><b>Component Description:</b> Tower related cost, line 19 on quote.<br/>#460203509</p> <p><b>Amount:</b> \$2,772.00</p>        |
| <p>Tower permit drawing package</p>  | <p>Information not provided.</p>   |
| <p>Construction project management</p>   | <p>Information not provided.</p>   |
| <p>Ground, Building A and E Permit Drawing Package.</p>                                      | <p>Information not provided.</p>   |
| <p>Complex Tower (includes, for example, those with candelabras and/or stacked antennas)</p> | <p><b>Component Description:</b> Tower related cost, line 4 and 21 on quote.<br/>#460208938</p> <p><b>Amount:</b> \$50,000.00</p><br><p><b>Component Description:</b> Tower related cost, line 4 and 21 on quote.<br/>#460203509</p> <p><b>Amount:</b> \$25,000.00</p> |

**Cost Information**

**Outside Professional Services**

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

| Description  | Predetermined Cost Estimate | Estimated Cost      | Estimated Cost Justification                                    | Actual Cost        | Actual Cost Justification |
|--|-----------------------------|---------------------|---|--------------------|---------------------------|
| <b>Outside Professional Services</b>                           | <b>\$216,293.00</b>         | <b>\$171,894.10</b> |   | <b>\$47,701.35</b> |                           |
| Other Costs  | <i>\$6,000.00</i>           | \$6,000.00          | See quote from American Towers for Preparing Form 854, line 37. | \$4,500.00         | N/A                       |
| Site Coordination Meeting                                      | <i>\$1,250.00</i>           | \$1,250.00          | See quote from American Towers for Preparing Form 854, line 31. | \$937.50           | N/A                       |
| RF System test   | <i>\$5,000.00</i>           | \$5,000.00          | N/A   | N/A                | N/A                       |
| RF Exposure Measurements                                       | \$21,050.00                 | \$3,750.00          | See quote from American Towers for Preparing Form 854, line 30. | \$2,812.50         | 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 |
| Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet                  | \$10,520.00 | \$5,000.00 | N/A   | N/A        | N/A |
| NEPA Section 106 environmental review, if needed   | \$6,310.00  | \$1,350.00 | See quote from American Towers for Preparing Form 854, line 28. | \$1,012.50 | 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 - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application                         | \$4,210.00  | \$4,000.00 | N/A   | N/A        | N/A |

|  |            |            |     |     |     |
|--|------------|------------|-----|-----|-----|
| Attorney Fees -<br>Prepare and<br>File FCC Form<br>2100 (main),<br>Construction<br>Permit<br>Application   | \$5,260.00 | \$5,000.00 | N/A | N/A | N/A |
| Prepare<br>request for<br>Special<br>Temporary<br>Authorization  | \$2,050.00 | \$1,500.00 | N/A | N/A | N/A |
| RF Consulting<br>Engineer Fees-<br>Aux Antenna:<br>Prepare<br>engineering<br>section of FCC<br>Form 2100,<br>License to<br>Cover<br>Application    | \$1,580.00 | \$1,500.00 | N/A | N/A | N/A |
| Prepare<br>engineering<br>section of FCC<br>Form 2100<br>(main), License<br>to Cover<br>Application  | \$1,580.00 | \$1,500.00 | N/A | N/A | N/A |
| RF Consulting<br>Engineer Fees-<br>Aux Antenna:<br>Prepare<br>engineering<br>section of FCC<br>Form 2100,<br>Construction<br>Permit<br>Application | \$2,105.00 | \$2,000.00 | 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   | N/A         | N/A |
| Perform engineering study for new channel assignment and antenna development         | \$7,360.00             | \$5,000.00  | See quote from American Towers for Preparing Form 854, line 27. | \$3,750.00  | N/A |
| Project management of the transition   | \$38,710.00            | \$32,689.10 | N/A   | \$32,689.10 | 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  | See quote from American Towers for Preparing Form 854, line 26. | \$1,875.00  | N/A |
| Attorney Fees - Prepare and File request for Special Temporary Authorization         | \$3,680.00             | \$3,500.00  | N/A   | N/A         | N/A |
| Migratory Bird Assessment Permitting, if needed                                      | <b><i>\$438.00</i></b> | \$438.00    | N/A   | N/A         | N/A |

|   |                |                |   |                |     |
|---|----------------|----------------|---|----------------|-----|
| ASR modification (prepare FCC Form 854) | \$2,105.00     | \$167.00       | See quote from American Towers for Preparing Form 854, line 29. | \$124.75       | N/A |
| <b>Sub-total</b>                        | \$216,293.00   | \$171,894.10   | N/A   | \$47,701.35    | N/A |
| <b>Total for all systems</b>            | \$6,270,282.66 | \$2,381,714.36 | N/A   | \$1,737,239.37 | N/A |

### Components

| Actual Information        |  |
|---------------------------|--|
| Description               | File Name  |
| Other Costs               | <b>Component Description:</b> Line 37 on quote.<br>#460208938<br><b>Amount:</b> \$3,000.00 |
|                           | <b>Component Description:</b> Line 37 on quote.<br>#460203509<br><b>Amount:</b> \$1,500.00 |
|                           | <b>Component Description:</b> Line 31 on quote.<br>#460208938<br><b>Amount:</b> \$625.00   |
|                           | <b>Component Description:</b> Line 31 on quote.<br>#460203509<br><b>Amount:</b> \$312.50   |
| Site Coordination Meeting | Information not provided.  |
| RF System test            | Information not provided.  |

|  |  |
|--|--|
| RF Exposure Measurements   | <p><b>Component Description:</b> Line 30 on quote.<br/>#460208938</p> <p><b>Amount:</b> \$1,875.00</p><br><p><b>Component Description:</b> Line 30 on quote.<br/>#460203509</p> <p><b>Amount:</b> \$937.50</p> |
| 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.  |
| 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   | <p><b>Component Description:</b> Line 28 on quote.<br/>#460208938</p> <p><b>Amount:</b> \$675.00</p><br><p><b>Component Description:</b> Line 28 on quote.<br/>#460203509</p> <p><b>Amount:</b> \$337.50</p>   |
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application   | Information not provided.  |
| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application                         | Information not provided.  |



|   |   |
|---|---|
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application                                  | Information not provided.   |
| Prepare request for Special Temporary Authorization   | Information not provided.   |
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application    | Information not provided.   |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application                                       | Information not provided.   |
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application | Information not provided.   |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application                                    | Information not provided.   |
| Perform engineering study for new channel assignment and antenna development  | <p><b>Component Description:</b> Line 27 on quote. #460208938</p> <p><b>Amount:</b> \$2,500.00</p> <p><b>Component Description:</b> Line 27 on quote. #460203509</p> <p><b>Amount:</b> \$1,250.00</p> |
| Project management of the transition  | <p><b>Component Description:</b> Portion of general repack matter invoice attributable to this station - divided by 10 stations. #1129</p> <p><b>Amount:</b> \$1,758.65</p>                           |

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 18 stations.  
#472568  
**Amount:** \$821.47

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 15 stations.  
#471659  
**Amount:** \$1,206.00

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 10 stations.  
#1134  
**Amount:** \$1,678.60

**Component Description:** Line 24 and 25 on quote.  
#460208938  
**Amount:** \$8,490.00

**Component Description:** Legal services cost. #475036  
**Amount:** \$104.00

**Component Description:** Legal services cost. #474790  
**Amount:** \$1,429.00

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 23 stations.  
#1146  
**Amount:** \$888.15

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 20 stations.  
#1144  
**Amount:** \$796.10

**Component Description:** Legal services cost. #475973  
**Amount:** \$100.00

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 15 stations.  
#472232  
**Amount:** \$901.10

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 10 stations.  
#473121  
**Amount:** \$2,044.14

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 10 stations.  
#1122  
**Amount:** \$1,979.10

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 10 stations.  
#1140  
**Amount:** \$1,503.60

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 15 stations.  
#1118  
**Amount:** \$1,609.03

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 15 stations.  
#1112  
**Amount:** \$1,881.13

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 15 stations.  
#1104  
**Amount:** \$1,359.73

**Component Description:** Line 24 and 25 on quote.  
#460203509  
**Amount:** \$4,245.00

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 15 stations.  
#1116  
**Amount:** \$1,254.03

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 15 stations.  
#1112  
**Amount:** \$521.40

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 15 stations.  
#1096  
**Amount:** \$714.93

|  |   |
|--|---|
|  | <p><b>Component Description:</b> Portion of general repack matter invoice attributable to this station - divided by 15 stations.<br/>#1104</p> <p><b>Amount:</b> \$644.80</p>                               |
| Prepare and or review reimbursement form   | Information not provided.   |
| Address transition timing and coordination issues w/ other stations and wireless | <p><b>Component Description:</b> Line 26 on quote.<br/>#460208938</p> <p><b>Amount:</b> \$1,250.00</p> <p><b>Component Description:</b> Line 26 on quote.<br/>#460203509</p> <p><b>Amount:</b> \$625.00</p> |
| Attorney Fees - Prepare and File request for Special Temporary Authorization     | Information not provided.   |
| Migratory Bird Assessment Permitting, if needed                                  | Information not provided.   |
| ASR modification (prepare FCC Form 854)  | <p><b>Component Description:</b> Line 29 on quote.<br/>#460208938</p> <p><b>Amount:</b> \$83.00</p> <p><b>Component Description:</b> Line 29 on quote.<br/>#460203509</p> <p><b>Amount:</b> \$41.75</p>     |

**Cost Information**

**Other Expenses**

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

| Description  | Predetermined Cost Estimate | Estimated Cost      | Estimated Cost Justification   | Actual Cost        | Actual Cost Justification |
|--|-----------------------------|---------------------|--|--------------------|---------------------------|
| <b>Other Expenses</b>  | <b>\$158,341.00</b>         | <b>\$150,986.00</b> |  | <b>\$65,101.50</b> |                           |
| Grading  | <i>\$1,000.00</i>           | \$1,000.00          | N/A  | N/A                | N/A                       |
| Compound Fencing   | <i>\$1,875.00</i>           | \$1,875.00          | N/A  | N/A                | N/A                       |
| Access Road Upgrades   | <i>\$2,500.00</i>           | \$2,500.00          | N/A  | N/A                | N/A                       |
| Other Costs  | <i>\$39,775.00</i>          | \$39,775.00         | See quote from American Towers for Preparing Form 854, total of line 9,22,23,38,39,40. | \$29,831.25        | N/A                       |
| ATC one time tower rental during market repack period.                   | <i>\$57,600.00</i>          | \$57,600.00         | N/A  | N/A                | N/A                       |
| MVPD Notification of Channel Change                                      | <i>\$1,000.00</i>           | \$1,000.00          | N/A  | N/A                | N/A                       |
| Equipment Delivery and Handling Charges                                  | <i>\$3,333.00</i>           | \$3,333.00          | See quote from American Towers for Preparing Form 854, line 36.                        | \$2,499.75         | N/A                       |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <i>\$26,880.00</i>          | \$26,880.00         | Updated cost of estimated amount per FCC requirement.                                  | \$26,880.00        | N/A                       |

|   |                   |                |   |                |     |
|---|-------------------|----------------|---|----------------|-----|
| Non-zoning permits  | <i>\$1,438.00</i> | \$1,438.00     | See quote from American Towers for Preparing Form 854, total of line 32 and 35. | \$1,078.00     | N/A |
| Local Zoning  | <i>\$750.00</i>   | \$750.00       | See quote from American Towers for Preparing Form 854, line 34.                 | \$562.50       | N/A |
| DTV Medical Facility Notification                         | \$11,550.00       | \$4,250.00     | N/A   | \$4,250.00     | 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 |
| Equipment Storage   | <i>\$2,000.00</i> | \$2,000.00     | N/A   | N/A            | N/A |
| Develop and air announcement of upcoming channel change   | <i>\$1,000.00</i> | \$1,000.00     | N/A   | N/A            | N/A |
| Site Security   | <i>\$6,000.00</i> | \$6,000.00     | N/A   | N/A            | N/A |
| <b>Sub-total</b>  | \$158,341.00      | \$150,986.00   | N/A   | \$65,101.50    | N/A |
| <b>Total for all systems</b>                              | \$6,270,282.66    | \$2,381,714.36 | N/A   | \$1,737,239.37 | N/A |



## Components

| Actual Information<br>Description  | File Name  |
|--|--|
| Grading  | Information not provided.  |
| Compound Fencing   | Information not provided.  |
| Access Road Upgrades   | Information not provided.  |
| Other Costs  | <p><b>Component Description:</b> Line 9,22,23,38,39,40 on quote. #460208938</p> <p><b>Amount:</b> \$19,887.50</p> <p><b>Component Description:</b> Line 9,22,23,38,39,40 on quote. #460203509</p> <p><b>Amount:</b> \$9,943.75</p> |
| ATC one time tower rental during market repack period.                   | Information not provided.  |
| MVPD Notification of Channel Change                                      | Information not provided.  |
| Equipment Delivery and Handling Charges                                  | <p><b>Component Description:</b> Line 36 on quote. #460208938</p> <p><b>Amount:</b> \$1,666.50</p> <p><b>Component Description:</b> Line 36 on quote. #460203509</p> <p><b>Amount:</b> \$833.25</p>                                |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <p><b>Component Description:</b> Disposal cost. #6972</p> <p><b>Amount:</b> \$26,880.00</p>  |

|   |   |
|---|---|
| Non-zoning permits  | <p><b>Component Description:</b> Line 32 and 35 on quote. #460208938</p> <p><b>Amount:</b> \$719.00</p> <p><b>Component Description:</b> Line 32 and 35 on quote. #460203509</p> <p><b>Amount:</b> \$359.00</p> |
| Local Zoning  | <p><b>Component Description:</b> Line 34 on quote. #460208938</p> <p><b>Amount:</b> \$375.00</p> <p><b>Component Description:</b> Line 34 on quote. #460203509</p> <p><b>Amount:</b> \$187.50</p>               |
| DTV Medical Facility Notification                         | <p><b>Component Description:</b> Medical notification. #1072</p> <p><b>Amount:</b> \$4,250.00</p>   |
| 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.   |
| Equipment Storage   | Information not provided.   |
| Develop and air announcement of upcoming channel change   | Information not provided.   |
| Site Security   | Information not provided.   |

**Cost Information** **Grand Total**

|                              | <b>Predetermined Cost Estimate</b> | <b>Estimated Cost</b> | <b>Actual Cost</b> |
|------------------------------|------------------------------------|-----------------------|--------------------|
| <b>Total for all systems</b> | \$6,270,282.66                     | \$2,381,714.36        | \$1,737,239.37     |

**Reimbursement Status**

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

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

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

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.

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.

**Henry  
Turner**  
*COO*

11/11/2019

| Certification | Section  | Question   | Response |
|---------------|--|--|----------|
|               | <p><b>Submission of Actual Cost Documentation Statements</b></p> | <p>WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).</p>   |          |
|               |  | <ol style="list-style-type: none"> <li>1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.</li> <li>2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.</li> <li>3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> </ol> |          |

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



8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

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.

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.

**Henry  
Turner**  
*COO*

11/11/2019

## Attachments