



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **73706** | Service: **DTV** | Call **KSHV-TV** | Channel: **16 (UHF)**  
ID:  
File **0000028482**  
Number:  
FRN: **0009961889** | Date **04/30**  
Submitted: **/2020**

## Applicant Information

### Applicant Name, Type, and Contact Information

| Applicant  | Address   | Phone                       | Email                            | Applicant Type |
|--|---|-----------------------------|----------------------------------|----------------|
| <b>WHITE KNIGHT<br/>BROADCASTING OF<br/>SHREVEPORT<br/>LICENSE CORP.</b> | Anthony<br>J.<br>Malara,<br>III.<br>3316<br>Willow<br>Glen<br>Drive<br>OAK<br>HILL, VA<br>20171<br>United<br>States | +1<br>(703)<br>870-<br>7584 | tmalara@americanstaffing.<br>net | 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   |  | Replace transmitter, antenna and line. Acquire interim antenna and line for continued operation during construction and duration of the assigned phase. Map and analyze tower; design and implement modifications if required. See attached. |

**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<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                      |
| Existing Transmitter Manufacturer and Type | Manufacturer   |                          |
|  | Model  | QXD1                     |
|  | Year   | 2001                     |
|  | Type   | Inductive<br>Output Tube |
|  | IOT Power Type   | Single                   |
|  | Power Capacity   | 30 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                                     | THU9EVO-8   |
|                 | Transmitter Type                          | Solid State   |
|                 | Solid State Cooling                       | Liquid Cooled   |
|                 | Solid State Power capacity                | 15.5 kW   |
|                 | Justification for New Transmitter         | The manufacturer of the existing transmitter is out of business and no factory support is available for the existing transmitter. Upgrade to a SS at one power step higher than required. TPO is 10kW PRE FILTER, need 13kW plus 1 step becomes a 15.5kW. |

**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  | 3 inches   |
|  | Length  | 100.0 feet |
|  | Other Electrical Service  | No         |
|  | Description   | N/A        |
| <b>HVAC Service</b>  | Does the replacement transmitter require HVAC Service?  | No         |
|  | Type  | N/A        |
|  | Size  | N/A        |
|  | Other Size  | N/A        |
| <b>Transmitter Building Addition/Modification or Leasehold Improvement</b> | Does the Transmitter Building require an addition, modification, other leasehold improvement? | No         |
|  | Size  | N/A        |
| <b>Channel 14 Costs</b>  | Is an RF Consulting Engineer needed?  | N/A        |
|  | Is a channel 14 Mask Filer needed?  | N/A        |
|  | Is additional field engineering time needed?  | N/A        |
|  | Number of Days  | N/A        |

**Primary  
Transmitter**

**Other Transmitter Cost Not Listed**

| Name                                 | Description  |
|--------------------------------------|--|
| <b>Additional Interior RF System</b> | Interior RF System Existing Transmitter to Interim Transmission line |

**Antennas**

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

## Primary Antenna

### Existing Antenna Information

| Section                                   | Question   | Response           |
|---|--|--------------------|
| Existing Antenna<br>Description           | Type of change   | Purchase<br>New    |
|   | Antenna Use  | Primary<br>(Main)  |
|   | Description of Use   | N/A                |
|   | Ownership  | Owned              |
|   | Owner  | N/A                |
|   | Site   | N/A                |
|   | Is the existing antenna shared with another station or stations? | No                 |
|   | Is the existing antenna directional?                             | Yes                |
|   | Is antenna in operating condition?                               | Yes                |
|   | Is antenna located on or in close proximity to an antenna farm?  | No                 |
| Existing Antenna<br>Manufacturer and Type | Class  | Full Power         |
|   | Mounting   | Side Mount         |
|   | Antenna position in stack  | Not in Stack       |
|   | Polarization   | Elliptical         |
|   | 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   | Travelling<br>Wave |
|   | ERP: (Effective Radiated Power)<br>.....                         | 500.0 kW           |

|              |                       |
|--------------|-----------------------|
| Manufacturer |                       |
| Model        | ATW27H3-<br>ESP1U-45M |
| Year         | 2007                  |



## Primary Antenna

### New Antenna Costs

| Section                               | Question   | Response                |
|---------------------------------------|--|-------------------------|
| New Antenna<br>Description            | Use  | Primary (Main)          |
|                                       | Description of Use   | N/A                     |
|                                       | Change Type  | Purchase New            |
|                                       | Is this a request for upgraded equipment?                            | Yes                     |
|                                       | Ownership  | Owned                   |
|                                       | Owner  | N/A                     |
|                                       | Is antenna shared?   | No                      |
|                                       | Is antenna directional?  | Yes                     |
|                                       | Will antenna be located on or in close proximity to an antenna farm? | No                      |
| New Antenna<br>Manufacturer and Types | Class  | Full Power              |
|                                       | Mounting   | Side 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>.....                             | 301.0 kW                |
|                                       | Manufacturer   |                         |
|                                       | Model  | TFU-30DSC<br>/VP-R P220 |
|                                       |  |                         |

|                               |   |
|-------------------------------|---|
| Year                          | 2018  |
| Justification for New Antenna | The existing primary antenna is a single channel travelling wave which cannot accommodate the assigned channel. |

## Primary Antenna

### Other Antenna Costs

| Section                            | Question  | Response             |
|------------------------------------|---|----------------------|
| <b>Combiner for Shared Antenna</b> | Do you need a Combiner for a Shared Antenna?  | No                   |
|                                    | Type  |                      |
|                                    | Number of channels supported  | N/A                  |
|                                    | Frequencies of channels supported   | N/A                  |
|                                    | Frequency   | N/A                  |
|                                    | Do you need a combiner output splitter /switcher for dual feed lines?                                       | N/A                  |
| <b>Elbow Complex</b>               | Do you require the separate purchase of the Elbow Complex?  | Yes                  |
|                                    | Broadband or Single Channel?  | Single Channel       |
|                                    | Feed Line Size  | 8 3/16 inches inches |
| <b>Side Mount Brackets</b>         | Do you require the separate purchase of side mount brackets for a high power antenna?                       | Yes                  |
| <b>Pattern Scatter Analysis</b>    | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | Yes                  |

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

**Primary  
Antenna**

**Other Antenna Cost Not Listed**

Information not provided.

**Interim  
Antenna**

**New Antenna Costs**

| Section                                      | Question   | Response              |
|--|--|-----------------------|
| <b>New Antenna Description</b>               | Use  | Interim               |
|  | Description of Use   | N/A                   |
|  | Change Type  | Purchase<br>New       |
|  | Ownership  | Owned                 |
|  | Owner  | N/A                   |
|  | Is antenna shared?   | No                    |
|  | Is antenna directional?  | Yes                   |
|  | Will antenna be located on or in close proximity to an antenna farm? | No                    |
| <b>New Antenna<br/>Manufacturer and Type</b> | Class  | Full Power            |
|  | Mounting   | Side Mount            |
|  | Antenna position in stack  | Not in Stack          |
|  | Polarization   | Elliptical            |
|  | Type   | Broadband<br>Panel    |
|  | Number of Stations Supported   | 1                     |
|  | Number of Panels/Bays  | 4                     |
|  | Lower Limit  | 485.00 MHz            |
|  | Upper Limit  | 653.00 MHz            |
|  | Design power capacity in use   | 100.0 %               |
|  | Other Antenna Type   | N/A                   |
|  | ERP: (Effective Radiated Power)<br>.....                             | 500.0 kW              |
|  | Manufacturer   |                       |
|  | Model  | TUA-P4-4<br>/10H-1 SM |
|  | Year   | 2018                  |

|  |                               |  |
|--|-------------------------------|--|
|  | Justification for New Antenna | An interim antenna is necessary to keep station on the air during primary antenna replacement and for the duration of the assigned phase. Station will attempt to rent if renting is available at time of acquisition. |
|--|-------------------------------|--|

## Interim Antenna

### Other Antenna Costs

| Section                         | Question  | Response     |
|---------------------------------|---|--------------|
| <b>Elbow Complex</b>            | Do you require the separate purchase of the Elbow Complex?  | Yes          |
|                                 | Broadband or Single Channel?  | S            |
|                                 | Feed Line Size  | 6 1/8 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? | Yes          |
| <b>Sweep Test</b>               | Do you require the sweep testing of transmission line and antenna?  | Yes          |

**Interim  
Antenna**

**Other Antenna Cost Not Listed**

Information not provided.

**Transmission Line**

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

**Primary**  
**Transmission Line**

**Existing Transmission Line**

| Section   | Question   | Response          |
|---|--|-------------------|
| <b>Existing Transmission Line Description</b>           | Type of change   | Purchase New      |
|   | Use  | Primary (Main)    |
|   | Description of Use   | N/A               |
|   | Ownership  | Owned             |
|   | Owner  | N/A               |
|   | Site   | N/A               |
|   | Is the existing transmission line shared with another station or stations? | No                |
|   | Is Transmission Line in operating condition?                               | Yes               |
| <b>Existing Transmission Line Manufacturer and Type</b> | Manufacturer   |                   |
|   | Type   | Rigid             |
|   | Diameter   | 8 3/16 inches     |
|   | Other Diameter   | N/A               |
|   | Segment Length   | 20 inches         |
|   | Other Segment Length   | N/A               |
|   | Number of parallel runs  | 1                 |
|   | Length   | 1650 feet per run |



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

| Section                            | Question                                  | Response  |
|------------------------------------|---|---|
| <b>New Transmission Line Costs</b> | Use                                       | Primary (Main)  |
|                                    | Description of Use                        | N/A   |
|                                    | Change Type                               | Purchase New  |
|                                    | Is this a request for upgraded equipment? | No  |
|                                    | Type                                      | Rigid   |
|                                    | Diameter                                  | 8 3/16 inches   |
|                                    | Other Diameter                            | N/A   |
|                                    | Segment Length                            | 19 1/2 inches   |
|                                    | Other Segment Length                      | N/A   |
|                                    | Number of parallel runs                   | 1   |
|                                    | Length                                    | 1680 feet per run   |
|                                    | Justification for New Transmission Line   | Existing section lengths are not the ones recommended for channel 16. Station will sweep the line and reuse if it checks out good |

**Primary** **Other Transmission Line Expenses Not Listed**  
**Transmission Line**

Information not provided.

**Interim  
Transmission Line**

**New Transmission Line**

| Section                            | Question                                | Response   |
|------------------------------------|---|--|
| <b>New Transmission Line Costs</b> | Use                                     | Interim  |
|                                    | Description of Use                      | N/A  |
|                                    | Change Type                             | Purchase New   |
|                                    | Type                                    | Flexible Air   |
|                                    | Diameter                                | 5 inches   |
|                                    | Segment Length                          | N/A  |
|                                    | Other Segment Length                    |  |
|                                    | Number of parallel runs                 | 1  |
|                                    | Length                                  | 1580 feet per run  |
|                                    | Justification for New Transmission Line | An interim transmission line is necessary for the interim antenna to keep station on the air during primary antenna replacement and for the duration of the assigned phase. Station will attempt to rent if renting is available at time of acquisition. |

| Interim           | Other Transmission Line Expenses Not Listed |
|-------------------|---|
| Transmission Line | Information not provided.                   |

**Tower Equipment And Rigging Costs**

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

**Primary Tower**

**Existing 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?                         |                   |
|   | 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?            | No                |
|   | Is tower compliant with Rev G?                          | No                |
| Existing Tower Structure Registration               | Do you have a tower registration number?                | Yes               |
|   | ASR Number  | 1022487           |
| Coordinates (NAD83 ( North American Datum of 1983)) | Latitude (NAD83)  | 32° 39' 58.5" N-  |
|   | Longitude (NAD83)                                       | 093° 56' 00.7" W- |
|   | Overall Structure Height                                | 1784.10 feet      |
|   | Support Structure Height                                | 1725.70 feet      |
|   | Ground Elevation Above Mean Sea Level (AMSL)            | 265.09 feet       |

|                  |  |
|------------------|--|
| Structure Type   | TOWER - Free Standing or Guyed Structure |
| Tower Owner      | Pinnacle Towers LLC                      |
| Date Constructed | 09/07/1985                               |

**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 |
|-------------|-----------|---------|
| 12525       | KMSS-TV   | DTV     |

## Primary Tower

### Tower Modification Costs

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

## Primary Tower

### Tower Rigging Costs

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

**Primary  
Tower**

**Other Tower Expenses Not Listed**

| Name                               | Description   |
|------------------------------------|---|
| Labor                              | Tower and Foundation Modifications Labor  |
| Crane Expenses                     | Tower and Foundation Modifications also require a crane, crane rigging and crane permits. |
| Structural Analysis and Mod Design | Identify required tower modifications and costs   |
| Geotechnical Study                 | Identify required tower foundation modifications  |

**Outside  
Professional Services Costs**

| Section   | Question   | Response  |
|---|--|---|
| <b>Outside Project Management Services</b>        | Do you require outside project management services?                          | Yes   |
|   | Number of Hours  | 1000  |
|   | Explanation  | It will be necessary to schedule and coordinate multiple vendors, complete progress reports, and update Schedule 399. Station does not have available personnel or personnel trained in project management for such complex projects. |
| <b>Outside RF consulting Engineering Services</b> | Perform engineering study for new channel assignment and antenna development | Yes   |
|   | Prepare engineering section of Form FCC Construction Permit Application      | Yes   |
|   | For Auxiliary Facility   | No  |
|   | For Main Facility  | Yes   |
|   | Prepare engineering section of Form FCC License to Cover Application         | Yes   |
|   | For Auxiliary Facility   | No  |
|   | For Main Facility  | Yes   |
|   | Prepare request for Special Temporary Authority                              | Yes   |

|   |  |     |
|---|--|-----|
|   | Quantity   | 1   |
|   | Do you have Distributed Transmission System engineering services?                          | N/A |
|   | Critical Facility  | N/A |
|   | Terrain-Shielded Facility  | N/A |
| <b>Attorney and Other Outside Consulting Services</b> | Prepare and file Form FCC Construction Permit Application                                  | Yes |
|   | For Auxiliary Facility   | No  |
|   | For Main Facility  | Yes |
|   | Prepare and file Form FCC License to Cover Application                                     | Yes |
|   | For Auxiliary Facility   | No  |
|   | For Main Facility  | Yes |
|   | Prepare request for Special Temporary Authority  | Yes |
|   | Quantity   | 1   |
|   | NEPA Section 106 environmental review  | No  |
|   | Environmental Assessment   | No  |
|   | ASR Modification   | Yes |
|   | FAA Consultation (including preparation of FAA Form 7460)                                  | Yes |
|   | Negotiation of Lease and other Matter for Shared Locations                                 | Yes |
|   | Prepare or Review FCC Form 399 for Reimbursement   | Yes |
|   | Address transition timing and coordination issues w/ other stations and wireless providers | Yes |
| <b>RF Field Engineering Services</b>                  | Comprehensive coverage verification via field study  | No  |
|   | RF exposure measurements   | No  |
|   | Additional Field Engineering Service   | Yes |



|                |   |
|----------------|---|
| Number of Days | 20  |
| Justification  | It will be necessary to survey the site, plan the equipment, develop specifications for purchasing, and oversee multiple vendor RF projects. Station does not have available personnel or personnel trained in such services. |

**Outside Professional Services Costs**      **Other Professional Services Expenses Not Listed**  
Services provided by the contractor are not provided.

## Other Expenses

| Section                             | Question   | Response |
|-------------------------------------|--|----------|
| <b>AM Pattern Disturbance</b>       | Is an Impact Study needed?   | No       |
|                                     | Is Remediation needed?   | No       |
| <b>Facility Expenses</b>            | Name   | N/A      |
|                                     | Other Distributed Transmission System Expenses Not listed  | N/A      |
|                                     | Name   | N/A      |
|                                     | Is Notification of a Medical Facility required as a result of DTV broadcasting?                                      | Yes      |
| <b>Permit and Filing Costs</b>      | Local Zoning   | No       |
|                                     | Non-zoning permits   | Yes      |
|                                     | BLM or NFS Coordination  | No       |
|                                     | FCC Construction Permit Minor Change   | No       |
|                                     | FCC License to Cover Application   | No       |
|                                     | FCC Special Temporary Authority Application  | No       |
| <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**

| Name      | Description                             |
|-----------|---|
| Sales Tax | Sales and use tax on goods and services |

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 THU9EVO-8                            | \$892,950.00                | \$557,000.00   |   | \$390,848.37 |                           |
| UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW | \$684,000.00                | \$349,950.00   | Since the upgraded SS transmitter is less than a one tube IOT equivalent. Reimbursement cost estimate is set at the price of the SS upgrade. Revised downward to R&S quote SQ169124.1 price 349,950 | \$325,453.37 | N/A                       |
| Additional Interior RF System                            | \$140,000.00                | \$140,000.00   | N/A   | N/A          | N/A                       |
| 3" Rigid Conduit and Wiring (Cost per foot)              | \$5,200.00                  | \$5,000.00     | N/A   | \$3,345.00   | N/A                       |
| Switchgear - industrial 800 amp                          | \$38,200.00                 | \$37,150.00    | N/A   | \$37,150.00  | N/A                       |
| Transformer 3 phase /480v - 150 KVA                      | \$25,550.00                 | \$24,900.00    | N/A   | \$24,900.00  | N/A                       |
| Sub-total  | \$892,950.00                | \$557,000.00   | N/A   | \$390,848.37 | N/A                       |

|                              |                |                |     |                |     |
|------------------------------|----------------|----------------|-----|----------------|-----|
| <b>Total for all systems</b> | \$5,110,565.39 | \$3,930,660.46 | N/A | \$3,150,460.24 | N/A |
|------------------------------|----------------|----------------|-----|----------------|-----|

## Components

| Actual Information                                       |   |
|--|---|
| Description  | File Name   |
| UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW | <div> <b>Component Description:</b> Credit for installation services not provided</div> <div> <b>Amount:</b> (\$24,496.63) </div> <div> <b>Component Description:</b> Credit for installation services not provided by R&amp;S</div> <div> <b>Amount:</b> (\$23,750.00) </div> <div> <b>Component Description:</b> Transmitter, installment #3</div> <div> <b>Amount:</b> \$87,487.50 </div> <div> <b>Component Description:</b> Transmitter, 25% down payment</div> <div> <b>Amount:</b> \$87,487.50 </div> <div> <b>Component Description:</b> Transmitter, installment #2</div> <div> <b>Amount:</b> \$174,975.00 </div> |
| Additional Interior RF System                            | Information not provided.   |
| 3" Rigid Conduit and Wiring (Cost per foot)              | <div> <b>Component Description:</b> Transmitter electrical services</div> <div> <b>Amount:</b> \$3,345.00 </div>  |

|                                       |   |   |
|---------------------------------------|---|---|
| Switchgear - industrial 800<br>amp    | <b>Component Description:</b><br><br><b>Amount:</b> | Transmitter<br>electrical services<br>\$37,150.00 |
| Transformer 3 phase/480v -<br>150 KVA | <b>Component Description:</b><br><br><b>Amount:</b> | Transmitter<br>electrical services<br>\$24,900.00 |

Cost  
Information

Antennas

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

| Description  | Predetermined<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification   | Actual Cost  | Actual Cost<br>Justification |
|--|--------------------------------|-------------------|--|--------------|------------------------------|
| Interim<br>Antenna<br>TUA-P4-4<br>/10H-1 SM  | \$142,265.00                   | \$130,968.00      |  | \$124,146.00 |                              |
| Side mount<br>brackets<br>for high<br>power<br>antennas<br>(if not<br>included in<br>antenna<br>base cost)                           | \$23,150.00                    | \$12,623.00       | See<br>attached<br>Dielectric<br>quote<br>(Quote<br>Number<br>700441CMZ-<br>1) | \$12,623.00  | N/A                          |
| Elbow<br>complex,<br>single<br>channel, at<br>antenna<br>input, per 6<br>1/8.<br>feedline (if<br>needed)                             | \$12,300.00                    | \$12,000.00       | N/A  | \$10,298.00  | N/A                          |
| Pattern<br>scatter<br>analysis for<br>side mount<br>high/med<br>power<br>antennas<br>(if not<br>included in<br>antenna<br>base cost) | \$5,260.00                     | \$5,120.00        | N/A  | N/A          | N/A                          |

|   |                     |                     |  |                     |     |
|---|---------------------|---------------------|--|---------------------|-----|
| Sweep test of existing antenna  | \$6,730.00          | \$6,400.00          | See attached Dielectric quote (Quote Number 700441CMZ-1) | \$6,400.00          | N/A |
| UHF - High Power, Side Mount, broadband panel, 4 bay,, 500 kW input, directional,, elliptically or circularly polarized | \$94,825.00         | \$94,825.00         | See attached Dielectric quote (Quote Number 700441CMZ-1) | \$94,825.00         | N/A |
| <b>Primary Antenna TFU-30DSC /VP-R P220</b>   | <b>\$277,390.00</b> | <b>\$207,878.00</b> |  | <b>\$202,608.00</b> |     |
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)                  | \$5,260.00          | \$5,120.00          | N/A  | N/A                 | N/A |
| Side mount brackets for high power antennas (if not included in antenna base cost)                                      | \$23,150.00         | \$21,750.00         | See attached Dielectric quote (Quote Number DMS111-4)    | \$21,750.00         | N/A |



|   |                |                |  |                |     |
|---|----------------|----------------|--|----------------|-----|
| Elbow complex, single channel, at antenna input, per 8 3/16. feedline (if needed)                     | \$15,250.00    | \$13,583.00    | See attached Dielectric quote (Quote Number DMS111-4)  | \$13,583.00    | N/A |
| Sweep test of existing antenna  | \$6,730.00     | \$6,550.00     | N/A  | \$6,400.00     | N/A |
| UHF - Lower Power Side Mount, One station antenna -- 200-500 kW, elliptically or circularly polarized | \$227,000.00   | \$160,875.00   | See attached Dielectric quote (Quote Number DMS111-4), estimated cost reduced by 23,250 vpol which is upgrade and not reimbursable | \$160,875.00   | N/A |
| <b>Sub-total</b>  | \$419,655.00   | \$338,846.00   | N/A  | \$326,754.00   | N/A |
| <b>Total for all systems</b>  | \$5,110,565.39 | \$3,930,660.46 | N/A  | \$3,150,460.24 | N/A |

## Components

### Actual Information

#### Description

#### File Name

|   |  |                               |                                    |                |            |                               |   |                |            |                               |  |                |            |
|---|--|-------------------------------|------------------------------------|----------------|------------|-------------------------------|---|----------------|------------|-------------------------------|--|----------------|------------|
| <p>Side mount brackets for high power antennas (if not included in antenna base cost)</p>                     | <table> <tr> <td data-bbox="713 174 1023 210"><b>Component Description:</b></td><td data-bbox="1157 174 1326 286">Mounting brackets, 10% balance due</td></tr> <tr> <td data-bbox="713 297 823 333"><b>Amount:</b></td><td data-bbox="1157 297 1275 333">\$1,262.30</td></tr> <tr> <td data-bbox="713 434 1023 470"><b>Component Description:</b></td><td data-bbox="1157 434 1366 546">Mounting bracket, line 2 of invoice, installment #1</td></tr> <tr> <td data-bbox="713 557 823 593"><b>Amount:</b></td><td data-bbox="1157 557 1275 593">\$5,680.35</td></tr> <tr> <td data-bbox="713 694 1023 730"><b>Component Description:</b></td><td data-bbox="1157 694 1366 851">Mounting brackets, line 2 of invoice, installment #2</td></tr> <tr> <td data-bbox="713 862 823 898"><b>Amount:</b></td><td data-bbox="1157 862 1275 898">\$5,680.35</td></tr> </table>              | <b>Component Description:</b> | Mounting brackets, 10% balance due | <b>Amount:</b> | \$1,262.30 | <b>Component Description:</b> | Mounting bracket, line 2 of invoice, installment #1 | <b>Amount:</b> | \$5,680.35 | <b>Component Description:</b> | Mounting brackets, line 2 of invoice, installment #2 | <b>Amount:</b> | \$5,680.35 |
| <b>Component Description:</b>   | Mounting brackets, 10% balance due   |                               |                                    |                |            |                               |   |                |            |                               |  |                |            |
| <b>Amount:</b>  | \$1,262.30   |                               |                                    |                |            |                               |   |                |            |                               |  |                |            |
| <b>Component Description:</b>   | Mounting bracket, line 2 of invoice, installment #1  |                               |                                    |                |            |                               |   |                |            |                               |  |                |            |
| <b>Amount:</b>  | \$5,680.35   |                               |                                    |                |            |                               |   |                |            |                               |  |                |            |
| <b>Component Description:</b>   | Mounting brackets, line 2 of invoice, installment #2   |                               |                                    |                |            |                               |   |                |            |                               |  |                |            |
| <b>Amount:</b>  | \$5,680.35   |                               |                                    |                |            |                               |   |                |            |                               |  |                |            |
| <p>Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)</p>                       | <table> <tr> <td data-bbox="713 1023 1023 1059"><b>Component Description:</b></td><td data-bbox="1157 1023 1361 1135">Elbow complex, 10% balance due</td></tr> <tr> <td data-bbox="713 1102 823 1137"><b>Amount:</b></td><td data-bbox="1157 1102 1275 1137">\$1,029.80</td></tr> <tr> <td data-bbox="713 1238 1023 1274"><b>Component Description:</b></td><td data-bbox="1157 1238 1345 1350">Elbow complex, line 3 of invoice, installment #2</td></tr> <tr> <td data-bbox="713 1361 823 1397"><b>Amount:</b></td><td data-bbox="1157 1361 1275 1397">\$4,634.10</td></tr> <tr> <td data-bbox="713 1498 1023 1534"><b>Component Description:</b></td><td data-bbox="1157 1498 1345 1610">Elbow complex, line 3 of invoice, installment #1</td></tr> <tr> <td data-bbox="713 1621 823 1657"><b>Amount:</b></td><td data-bbox="1157 1621 1275 1657">\$4,634.10</td></tr> </table> | <b>Component Description:</b> | Elbow complex, 10% balance due     | <b>Amount:</b> | \$1,029.80 | <b>Component Description:</b> | Elbow complex, line 3 of invoice, installment #2    | <b>Amount:</b> | \$4,634.10 | <b>Component Description:</b> | Elbow complex, line 3 of invoice, installment #1     | <b>Amount:</b> | \$4,634.10 |
| <b>Component Description:</b>   | Elbow complex, 10% balance due   |                               |                                    |                |            |                               |   |                |            |                               |  |                |            |
| <b>Amount:</b>  | \$1,029.80   |                               |                                    |                |            |                               |   |                |            |                               |  |                |            |
| <b>Component Description:</b>   | Elbow complex, line 3 of invoice, installment #2   |                               |                                    |                |            |                               |   |                |            |                               |  |                |            |
| <b>Amount:</b>  | \$4,634.10   |                               |                                    |                |            |                               |   |                |            |                               |  |                |            |
| <b>Component Description:</b>   | Elbow complex, line 3 of invoice, installment #1   |                               |                                    |                |            |                               |   |                |            |                               |  |                |            |
| <b>Amount:</b>  | \$4,634.10   |                               |                                    |                |            |                               |   |                |            |                               |  |                |            |
| <p>Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)</p> | <p>Information not provided.</p>   |                               |                                    |                |            |                               |   |                |            |                               |  |                |            |
| <p>Sweep test of existing antenna</p>   | <table> <tr> <td data-bbox="713 1986 1023 2022"><b>Component Description:</b></td><td data-bbox="1157 1986 1289 2022">Sweep test</td></tr> <tr> <td data-bbox="713 2033 823 2069"><b>Amount:</b></td><td data-bbox="1157 2033 1275 2069">\$6,400.00</td></tr> </table>   | <b>Component Description:</b> | Sweep test                         | <b>Amount:</b> | \$6,400.00 |                               |   |                |            |                               |  |                |            |
| <b>Component Description:</b>   | Sweep test   |                               |                                    |                |            |                               |   |                |            |                               |  |                |            |
| <b>Amount:</b>  | \$6,400.00   |                               |                                    |                |            |                               |   |                |            |                               |  |                |            |

|  |  |                               |  |                |             |                               |                              |                |            |                               |  |                |             |
|--|--|-------------------------------|--|----------------|-------------|-------------------------------|------------------------------|----------------|------------|-------------------------------|--|----------------|-------------|
| <p>UHF - High Power, Side Mount, broadband panel, 4 bay,, 500 kW input, directional,, elliptically or circularly polarized</p> | <table> <tr> <td data-bbox="713 174 1023 210"><b>Component Description:</b></td><td data-bbox="1157 174 1362 286">Aux antenna, line 1 of invoice, installment #2</td></tr> <tr> <td data-bbox="713 297 823 333"><b>Amount:</b></td><td data-bbox="1157 297 1289 333">\$42,671.25</td></tr> <tr> <td data-bbox="713 434 1023 470"><b>Component Description:</b></td><td data-bbox="1157 434 1370 506">Aux antenna, 10% balance due</td></tr> <tr> <td data-bbox="713 517 823 553"><b>Amount:</b></td><td data-bbox="1157 517 1276 553">\$9,482.50</td></tr> <tr> <td data-bbox="713 654 1023 689"><b>Component Description:</b></td><td data-bbox="1157 654 1362 806">Antenna component, line 1 of invoice, installment #1</td></tr> <tr> <td data-bbox="713 817 823 853"><b>Amount:</b></td><td data-bbox="1157 817 1289 853">\$42,671.25</td></tr> </table> | <b>Component Description:</b> | Aux antenna, line 1 of invoice, installment #2 | <b>Amount:</b> | \$42,671.25 | <b>Component Description:</b> | Aux antenna, 10% balance due | <b>Amount:</b> | \$9,482.50 | <b>Component Description:</b> | Antenna component, line 1 of invoice, installment #1 | <b>Amount:</b> | \$42,671.25 |
| <b>Component Description:</b>  | Aux antenna, line 1 of invoice, installment #2   |                               |  |                |             |                               |                              |                |            |                               |  |                |             |
| <b>Amount:</b>   | \$42,671.25  |                               |  |                |             |                               |                              |                |            |                               |  |                |             |
| <b>Component Description:</b>  | Aux antenna, 10% balance due   |                               |  |                |             |                               |                              |                |            |                               |  |                |             |
| <b>Amount:</b>   | \$9,482.50   |                               |  |                |             |                               |                              |                |            |                               |  |                |             |
| <b>Component Description:</b>  | Antenna component, line 1 of invoice, installment #1   |                               |  |                |             |                               |                              |                |            |                               |  |                |             |
| <b>Amount:</b>   | \$42,671.25  |                               |  |                |             |                               |                              |                |            |                               |  |                |             |
| <p>Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)</p>                  | <p>Information not provided.</p>   |                               |  |                |             |                               |                              |                |            |                               |  |                |             |

|  |                               |  |
|--|-------------------------------|--|
| Side mount brackets for high power antennas (if not included in antenna base cost) |                               |  |
|  | <b>Component Description:</b> | Side Mount Brackets, balanced due                      |
|  | <b>Amount:</b>                | \$2,175.00   |
|  |                               |  |
|  | <b>Component Description:</b> | See resubmission of corrected invoice                  |
|  | <b>Amount:</b>                | (\$9,787.50)   |
|  |                               |  |
|  | <b>Component Description:</b> | Side mount brackets, installment #2, line 3 of invoice |
|  | <b>Amount:</b>                | \$9,787.50   |
|  |                               |  |
|  | <b>Component Description:</b> | Side brackets, line 3 of invoice, installment #1       |
|  | <b>Amount:</b>                | \$9,787.50   |
|  |                               |  |
|  | <b>Component Description:</b> | Side mount brackets, installment #1, line 3 of invoice |
|  | <b>Amount:</b>                | \$9,787.50   |

|   |   |  |
|---|---|--|
| Elbow complex, single channel, at antenna input, per 8 3/16. feedline (if needed) | <b>Component Description:</b><br><br><b>Amount:</b> | Elbow complex,<br>balance due<br>\$1,358.30                          |
|   | <b>Component Description:</b><br><br><b>Amount:</b> | Elbow complex,<br>line 4 of invoice,<br>installment #1<br>\$6,112.35 |
|   | <b>Component Description:</b><br><br><b>Amount:</b> | Elbow complex,<br>installment #2, line<br>4 of invoice<br>\$6,112.35 |
|   | <b>Component Description:</b><br><br><b>Amount:</b> | Elbow complex,<br>installment #1, line<br>4 of invoice<br>\$6,112.35 |
|   | <b>Component Description:</b><br><br><b>Amount:</b> | See resubmission<br>of corrected invoice<br>(\$6,112.35)             |
| Sweep test of existing antenna  | <b>Component Description:</b><br><b>Amount:</b>     | Sweep test<br>\$6,400.00   |

UHF - Lower Power Side  
Mount, One station antenna  
-- 200-500 kW, elliptically or  
circularly polarized

**Component Description:**

Main antenna,  
installment #1, line  
1 of invoice

**Amount:**

\$72,393.75

**Component Description:**

Main antenna,  
balance due

**Amount:**

\$16,087.50

**Component Description:**

Antenna  
component, line 1  
of invoice,  
installment #1

**Amount:**

\$72,393.75

**Component Description:**

See resubmission  
of corrected invoice  
(\$72,393.75)

**Amount:**

**Component Description:**

Primary antenna,  
installment #2, line  
1 of invoice

**Amount:**

\$72,393.75

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 |
|---|-----------------------------|----------------|---|----------------|---------------------------|
| Interim Transmission Line                       | \$165,900.00                | \$106,446.88   |   | \$106,446.88   |                           |
| Flexible Air Transmission Line - dielectric, 5" | \$165,900.00                | \$106,446.88   | See Dielectric quote 700441CMZ-2.                     | \$106,446.88   | N/A                       |
| Primary Transmission Line                       | \$582,960.00                | \$365,490.75   |   | \$365,490.75   |                           |
| Rigid Transmission Line - copper, 8 3/16"       | \$582,960.00                | \$365,490.75   | See attached Dielectric quote (Quote Number DMS111-4) | \$365,490.75   | N/A                       |
| Sub-total                                       | \$748,860.00                | \$471,937.63   | N/A   | \$471,937.63   | N/A                       |
| Total for all systems                           | \$5,110,565.39              | \$3,930,660.46 | N/A   | \$3,150,460.24 | N/A                       |

Components

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

Flexible Air Transmission  
Line - dielectric, 5"

**Component Description:**

Transmission line,  
10% balance due

**Amount:**

\$10,644.68

**Component Description:**

Flexible  
transmission line,  
line 4 of invoice,  
installment #2

**Amount:**

\$47,901.10

**Component Description:**

Transmission line,  
line 4 of invoice,  
installment #1

**Amount:**

\$47,901.10



Rigid Transmission Line -  
copper, 8 3/16"

**Component Description:** Transmission line,  
balance due  
**Amount:** \$19,575.00

**Component Description:** Transmission line,  
balance due  
**Amount:** \$16,974.07

**Component Description:** Transmission line,  
line 5 of invoice,  
installment #1  
**Amount:** \$164,470.84

**Component Description:** See resubmission  
of corrected invoice  
**Amount:** (\$164,470.84)

**Component Description:** Transmission line,  
installment #2, line  
5 of invoice  
**Amount:** \$164,470.84

**Component Description:** Transmission line,  
installment #1, line  
5 of invoice  
**Amount:** \$164,470.84

## 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<br/>TOWER</b>  | <b>\$2,398,191.79</b>       | <b>\$1,916,298.23</b> |  | <b>\$1,854,948.23</b> |                           |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | \$421,000.00                | \$345,216.23          | See attached Crown Castle quote ("KSHV Antenna & Line Installation Quote"). KSHV leases space on the Crown Castle tower. | \$345,216.23          | N/A                       |
| Crane Expenses  | <b>\$229,284.29</b>         | \$229,284.29          | See attached Crown Castle quote ("KSHV Tower & Foundation Mod Quote")  | \$229,284.29          | N/A                       |
| Serious tower reinforcement /modifications  | \$1,052,000.00              | \$646,590.21          | See attached Crown Castle quote ("KSHV Tower & Foundation Mod Quote")  | \$646,590.21          | N/A                       |

|  |                |                |   |                |     |
|--|----------------|----------------|---|----------------|-----|
| Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study | \$26,300.00    | \$25,600.00    | N/A   | \$14,250.00    | N/A |
| Labor  | \$619,607.50   | \$619,607.50   | See attached Crown Castle quote ("KSHV Tower & Foundation Mod Quote")       | \$619,607.50   | N/A |
| Structural Analysis and Mod Design   | \$25,000.00    | \$25,000.00    | See attached Crown Castle tower mod design quote ("KSHV MOD Design Quote"). | N/A            | N/A |
| Geotechnical Study   | \$25,000.00    | \$25,000.00    | N/A   | N/A            | N/A |
| <b>Sub-total</b>   | \$2,398,191.79 | \$1,916,298.23 | N/A   | \$1,854,948.23 | N/A |
| <b>Total for all systems</b>   | \$5,110,565.39 | \$3,930,660.46 | N/A   | \$3,150,460.24 | N/A |

## Components

**Actual Information**  
**Description**

**File Name**

|   |                               |  |                                  |
|---|-------------------------------|--|----------------------------------|
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | <b>Component Description:</b> |  | Tower equipment and rigging,     |
|   | <b>Amount:</b>                |  | balance due                      |
|   |                               |  | \$138,086.49                     |
|   | <b>Component Description:</b> |  | Tower Equipment and Rigging,     |
|   | <b>Amount:</b>                |  | installment #2                   |
|   |                               |  | \$103,564.87                     |
| Crane Expenses  | <b>Component Description:</b> |  | Tower Equipment and Rigging, 30% |
|   | <b>Amount:</b>                |  | installment                      |
|   |                               |  | \$103,564.87                     |
|   | <b>Component Description:</b> |  | 30% installment                  |
|   | <b>Amount:</b>                |  | \$68,785.29                      |
|   |                               |  |                                  |
|   | <b>Component Description:</b> |  | Balance due                      |
|   | <b>Amount:</b>                |  | \$45,856.86                      |
|   |                               |  |                                  |
|   | <b>Component Description:</b> |  | 50% down payment                 |
|   | <b>Amount:</b>                |  | \$114,642.14                     |

|   |                               |  |  |
|---|-------------------------------|--|--|
| Serious tower reinforcement /modifications  | <b>Component Description:</b> |  | Tower                                      |
|   |                               |  | Modifications, 30% installment             |
|   | <b>Amount:</b>                |  | \$193,977.06                               |
|   | <b>Component Description:</b> |  | Tower                                      |
|   |                               |  | Modifications, balance due                 |
|   | <b>Amount:</b>                |  | \$129,318.04                               |
| Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study | <b>Component Description:</b> |  | 50% down payment                           |
|   |                               |  |  |
|   | <b>Amount:</b>                |  | \$323,295.11                               |
|   | <b>Component Description:</b> |  | Geotechnical report and foundation mapping |
|   |                               |  |  |
|   | <b>Amount:</b>                |  | \$10,000.00                                |
| Labor   | <b>Component Description:</b> |  | Structural analysis                        |
|   |                               |  |  |
|   | <b>Amount:</b>                |  | \$4,250.00                                 |
|   | <b>Component Description:</b> |  | 30% installment                            |
|   |                               |  |  |
|   | <b>Amount:</b>                |  | \$185,882.25                               |
| Structural Analysis and Mod Design  | <b>Component Description:</b> |  | Balance due                                |
|   |                               |  |  |
|   | <b>Amount:</b>                |  | \$123,921.50                               |
|   | <b>Component Description:</b> |  | 50% down payment                           |
|   |                               |  |  |
|   | <b>Amount:</b>                |  | \$309,803.75                               |
| Information not provided.   |                               |  |  |

|                    |                           |
|--------------------|---------------------------|
| Geotechnical Study | Information not provided. |
|--------------------|---------------------------|

## Cost Information

### Outside Professional Services

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

| Description  | Predetermined Cost Estimate | Estimated Cost      | Estimated Cost Justification | Actual Cost        | Actual Cost Justification |
|--|-----------------------------|---------------------|------------------------------|--------------------|---------------------------|
| <b>Outside Professional Services</b>   | <b>\$305,130.00</b>         | <b>\$301,100.00</b> |                              | <b>\$36,345.50</b> |                           |
| Project management of the transition   | \$158,000.00                | \$154,000.00        | N/A                          | \$20,220.50        | N/A                       |
| Additional Field Engineering Service, 20 Days  | <i>\$108,000.00</i>         | \$108,000.00        | 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                  | \$2,050.00          | N/A                          | N/A                | N/A                       |
| ASR modification (prepare FCC Form 854)  | \$2,105.00                  | \$2,050.00          | N/A                          | N/A                | N/A                       |
| Attorney Fees - Prepare and File request for Special Temporary Authorization   | \$3,680.00                  | \$3,585.00          | N/A                          | N/A                | N/A                       |

|   |            |            |     |            |     |
|---|------------|------------|-----|------------|-----|
| Attorney Fees<br>- Negotiation<br>of lease and<br>other matters<br>for shared<br>locations                | \$4,210.00 | \$4,095.00 | N/A | N/A        | N/A |
| Attorney Fees -<br>Prepare and<br>File FCC Form<br>2100 (main),<br>License to<br>Cover<br>Application     | \$2,365.00 | \$2,305.00 | 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 | \$5,120.00 | N/A | N/A        | N/A |
| Prepare<br>engineering<br>section of FCC<br>Form 2100<br>(main),<br>License to<br>Cover<br>Application    | \$1,580.00 | \$1,535.00 | N/A | \$625.00   | N/A |
| Prepare<br>engineering<br>section of FCC<br>Form 2100<br>(main),<br>Construction<br>Permit<br>Application | \$3,155.00 | \$3,070.00 | N/A | \$3,000.00 | N/A |
| Prepare and<br>or review<br>reimbursement<br>form   | \$2,630.00 | \$2,560.00 | N/A | \$2,500.00 | N/A |



|  |                |                |                           |                |     |
|--|----------------|----------------|---------------------------|----------------|-----|
| Address transition timing and coordination issues w/ other stations and wireless | \$2,630.00     | \$2,560.00     | N/A                       | N/A            | N/A |
| Perform engineering study for new channel assignment and antenna development     | \$7,360.00     | \$7,170.00     | N/A                       | \$7,000.00     | N/A |
| Prepare request for Special Temporary Authorization                              | \$2,050.00     | \$3,000.00     | See additional STA filing | \$3,000.00     | N/A |
| <b>Sub-total</b>   | \$305,130.00   | \$301,100.00   | N/A                       | \$36,345.50    | N/A |
| <b>Total for all systems</b>   | \$5,110,565.39 | \$3,930,660.46 | N/A                       | \$3,150,460.24 | N/A |

## Components

| Actual Information                   |   |
|--------------------------------------|---|
| Description                          | File Name   |
| Project management of the transition | <div> <b>Component Description:</b> Project management services 7.28.18 through 9.28.18<br/> <b>Amount:</b> \$4,125.00 </div> <div> <b>Component Description:</b> Project management services November 2018<br/> <b>Amount:</b> \$200.00 </div> |

|                               |   |
|-------------------------------|---|
| <b>Component Description:</b> | Project management services 7.27.19 through 8.30.19 |
| <b>Amount:</b>                | \$79.00   |

|                               |  |
|-------------------------------|--|
| <b>Component Description:</b> | Project management services 3.2.19 through 3.29.19 |
| <b>Amount:</b>                | \$150.00   |

|                               |   |
|-------------------------------|---|
| <b>Component Description:</b> | Project management services February 2019 |
| <b>Amount:</b>                | \$39.00                                   |

|                               |   |
|-------------------------------|---|
| <b>Component Description:</b> | Project management services 4.27.19 through 5.31.19 |
| <b>Amount:</b>                | \$150.00  |

|                               |  |
|-------------------------------|--|
| <b>Component Description:</b> | Project management services, item 3 from invoice summary |
| <b>Amount:</b>                | \$150.00   |

|                               |  |
|-------------------------------|--|
| <b>Component Description:</b> | Project management services, item 1 from invoice summary |
| <b>Amount:</b>                | \$675.00   |

|                               |  |
|-------------------------------|--|
| <b>Component Description:</b> | Project management services October 2018 |
| <b>Amount:</b>                | \$200.00                                 |

|                               |  |
|-------------------------------|--|
| <b>Component Description:</b> | Project management services January 2019 |
| <b>Amount:</b>                | \$65.00                                  |

|                               |  |
|-------------------------------|--|
| <b>Component Description:</b> | Project management services March 2019 |
| <b>Amount:</b>                | \$71.50                                |

|                               |  |
|-------------------------------|--|
| <b>Component Description:</b> | Project management services April 2019 |
| <b>Amount:</b>                | \$208.00                               |

|                               |                             |
|-------------------------------|-----------------------------|
| <b>Component Description:</b> | Project management services |
| <b>Amount:</b>                | \$1,499.00                  |

|                               |                             |
|-------------------------------|-----------------------------|
| <b>Component Description:</b> | Project management services |
| <b>Amount:</b>                | \$7,720.00                  |

|                               |                             |
|-------------------------------|-----------------------------|
| <b>Component Description:</b> | Item 5 from invoice summary |
| <b>Amount:</b>                | \$300.00                    |

|                               |   |
|-------------------------------|---|
| <b>Component Description:</b> | Project management services 6.30.18 through 7.27.18 |
| <b>Amount:</b>                | \$450.00  |

|                               |                             |
|-------------------------------|-----------------------------|
| <b>Component Description:</b> | Item 7 from invoice summary |
| <b>Amount:</b>                | \$150.00                    |

|                               |   |
|-------------------------------|---|
| <b>Component Description:</b> | Project management services 10.27.18 through 11.30.18 |
| <b>Amount:</b>                | \$5,625.00  |

|                               |  |
|-------------------------------|--|
| <b>Component Description:</b> | Project management services 5.27.17 through 5.25.18; item 1 from invoice summary |
| <b>Amount:</b>                | \$4,275.00   |

|                               |   |
|-------------------------------|---|
| <b>Component Description:</b> | Project management services 5.26.18 through 6.29.18 |
| <b>Amount:</b>                | \$1,800.00  |

|                               |                             |
|-------------------------------|-----------------------------|
| <b>Component Description:</b> | Item 9 from invoice summary |
| <b>Amount:</b>                | \$1,133.00                  |

|                               |  |
|-------------------------------|--|
| <b>Component Description:</b> | Project management services 9.29.18 through 10.26.18 |
| <b>Amount:</b>                | \$150.00   |

|  |   |
|--|---|
|  | <p><b>Component Description:</b> Project management services 12.1.18 through 12.31.18</p> <p><b>Amount:</b> \$75.00</p> |
|  | <p><b>Component Description:</b> Item 6 from invoice summary</p> <p><b>Amount:</b> \$150.00</p>                         |
| Additional Field Engineering Service, 20 Days  | 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.   |
| Attorney Fees - Prepare and File request for Special Temporary Authorization   | Information not provided.   |
| Attorney Fees - Negotiation of lease and other matters for shared locations  | Information not provided.   |
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application   | Information not provided.   |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application                                     | Information not provided.   |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application  | <p><b>Component Description:</b> License to Cover</p> <p><b>Amount:</b> \$625.00</p>                                    |

|  |   |
|--|---|
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | <b>Component Description:</b> Item 4 from invoice summary<br><b>Amount:</b> \$3,000.00  |
| Prepare and or review reimbursement form   | <b>Component Description:</b> Item 2 from invoice summary<br><b>Amount:</b> \$2,500.00  |
| Address transition timing and coordination issues w/ other stations and wireless     | Information not provided.   |
| Perform engineering study for new channel assignment and antenna development         | <b>Component Description:</b> Item 3 from invoice summary<br><b>Amount:</b> \$7,000.00  |
| Prepare request for Special Temporary Authorization                                  | <b>Component Description:</b> STA to operate post transition facility using Dielectric TUA-P4-4/10H-1<br><b>Amount:</b> \$1,500.00<br><br><b>Component Description:</b> STA, item 2 from invoice summary<br><b>Amount:</b> \$1,500.00 |

## 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>\$345,778.60</b>         | <b>\$345,478.60</b> |   | <b>\$69,626.51</b> |                           |
| Sales Tax  | <i>\$240,700.00</i>         | \$240,700.00        | Sales and use tax on goods and services based on LA state rates.      | \$29,597.91        | N/A                       |
| Equipment Delivery and Handling Charges                                  | <i>\$8,099.00</i>           | \$8,099.00          | See Rohde & Schwarz quote 169827                                      | \$8,099.00         | N/A                       |
| MVPD Notification of Channel Change                                      | <i>\$2,929.60</i>           | \$2,929.60          | See EST-000885 from DTVNotification.                                  | \$2,929.60         | N/A                       |
| Develop and air announcement of upcoming channel change                  | <i>\$3,500.00</i>           | \$3,500.00          | Cost to develop and produce spots and crawls for viewer notification. | N/A                | N/A                       |
| Equipment Storage  | <i>\$25,000.00</i>          | \$25,000.00         | N/A   | N/A                | N/A                       |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <i>\$29,000.00</i>          | \$29,000.00         | See USA Commercial quote and Land Communications Dumpster rental      | \$29,000.00        | N/A                       |
| Non-zoning permits   | <i>\$25,000.00</i>          | \$25,000.00         | N/A   | N/A                | N/A                       |
| DTV Medical Facility Notification  | \$11,550.00                 | \$11,250.00         | N/A   | N/A                | N/A                       |

|                              |                |                |     |                |     |
|------------------------------|----------------|----------------|-----|----------------|-----|
| <b>Sub-total</b>             | \$345,778.60   | \$345,478.60   | N/A | \$69,626.51    | N/A |
| <b>Total for all systems</b> | \$5,110,565.39 | \$3,930,660.46 | N/A | \$3,150,460.24 | N/A |

## Components

| Actual Information Description                          | File Name  |
|---|--|
| Sales Tax   | <p><b>Component Description:</b> Tax on transportation /consolidation services</p> <p><b>Amount:</b> \$732.96</p> <p><b>Component Description:</b> Sales tax credit on installation services not provided</p> <p><b>Amount:</b> (\$746.63)</p> <p><b>Component Description:</b> Tax due on transmitter</p> <p><b>Amount:</b> \$28,864.95</p> |
| Equipment Delivery and Handling Charges                 | <p><b>Component Description:</b> Transmitter transportation /consolidation services</p> <p><b>Amount:</b> \$8,099.00</p>   |
| MVPD Notification of Channel Change                     | <p><b>Component Description:</b> Notification of medical facilities</p> <p><b>Amount:</b> \$2,929.60</p>   |
| Develop and air announcement of upcoming channel change | Information not provided.  |



|  |   |                               |                |                |             |                               |  |                |            |
|--|---|-------------------------------|----------------|----------------|-------------|-------------------------------|--|----------------|------------|
| Equipment Storage  | Information not provided.   |                               |                |                |             |                               |  |                |            |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <table> <tr> <td><b>Component Description:</b></td><td>Disposal costs</td></tr> <tr> <td><b>Amount:</b></td><td>\$23,000.00</td></tr> <tr> <td><b>Component Description:</b></td><td>Dumpster costs related to transmitter electrical</td></tr> <tr> <td><b>Amount:</b></td><td>\$6,000.00</td></tr> </table> | <b>Component Description:</b> | Disposal costs | <b>Amount:</b> | \$23,000.00 | <b>Component Description:</b> | Dumpster costs related to transmitter electrical | <b>Amount:</b> | \$6,000.00 |
| <b>Component Description:</b>  | Disposal costs  |                               |                |                |             |                               |  |                |            |
| <b>Amount:</b>   | \$23,000.00   |                               |                |                |             |                               |  |                |            |
| <b>Component Description:</b>  | Dumpster costs related to transmitter electrical  |                               |                |                |             |                               |  |                |            |
| <b>Amount:</b>   | \$6,000.00  |                               |                |                |             |                               |  |                |            |
| Non-zoning permits   | Information not provided.   |                               |                |                |             |                               |  |                |            |
| DTV Medical Facility Notification  | Information not provided.   |                               |                |                |             |                               |  |                |            |

| Cost Information | Grand Total           |                             |                |                |
|------------------|-----------------------|-----------------------------|----------------|----------------|
|                  |                       | Predetermined Cost Estimate | Estimated Cost | Actual Cost    |
|                  |                       |                             |                |                |
|                  | Total for all systems | \$5,110,565.39              | \$3,930,660.46 | \$3,150,460.24 |

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

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

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

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.

**Anthony J. Malara , III .**  
*President*

04/30/2020

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

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

|  |   |
|--|---|
| <p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.</p> |   |
| <p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>  | <p><b>Anthony J. Malara , III .</b><br/> <i>President</i></p> <p>04/30/2020</p> |

## Attachments