



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **35434** | Service: **DTV** | Call **KOTV-DT** | Channel: **26 (UHF)** |  
ID:  
File **0000028007**  
Number:  
FRN: **0015452238** | Date **12/18**  
Submitted: **/2019**

## Applicant Information

### Applicant Name, Type, and Contact Information

| Applicant                        | Address   | Phone             | Email                                    | Applicant Type            |
|----------------------------------|---|-------------------|--|---------------------------|
| <b>GRIFFIN LICENSING, L.L.C.</b> | Trevor Wiseman<br>7401 N. KELLEY AVENUE<br>OKLAHOMA CITY, OK 73111<br>United States | +1 (405) 841-9106 | trevor.wiseman@griffincommunications.net | Limited Liability Company |

## 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   |  | Please see attached Transition Plan Narrative. |

**Transmitters**

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

**Primary  
Transmitter**

**Existing Transmitter Information**

| Section   | Question   | Response                 |
|---|--|--------------------------|
| <b>Existing Transmitter<br/>Description</b>           | Type of change   | Purchase<br>New          |
|   | Use  | Primary<br>(Main)        |
|   | Description of Use   | N/A                      |
|   | Ownership  | Owned                    |
|   | Owner  | N/A                      |
|   | Site   | N/A                      |
|   | Is this transmitter currently shared with another station? | No                       |
|   | Is this transmitter currently in operating condition?      | Yes                      |
| <b>Existing Transmitter<br/>Manufacturer and Type</b> | Manufacturer   |                          |
|   | Model  | CDP3260P2                |
|   | Year   | 2001                     |
|   | Type   | Inductive<br>Output Tube |
|   | IOT Power Type   | Two                      |
|   | Power Capacity   | 64.2 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                                     | ULXTE-80                               |
|                 | Transmitter Type                          | Solid State                            |
|                 | Solid State Cooling                       | Liquid Cooled                          |
|                 | Solid State Power capacity                | 50.1 kW                                |
|                 | Justification for New Transmitter         | See attached Transition Plan Narrative |

**Primary  
Transmitter**

**Other Transmitter Costs**

| Section            | Question   | Response   |
|--------------------|--|------------|
| Electrical Service | Service Entrance (3 phases 800A 208V)                  | No         |
|                    | Switchgear (industrial 800 amp)                        | Yes        |
|                    | Transformer (480V)                                     | No         |
|                    | Power  | N/A        |
|                    | Rigid Conduit and Wiring                               | Yes        |
|                    | Size   | 3 inches   |
|                    | Length   | 200.0 feet |
|                    | Other Electrical Service                               | No         |
|                    | Description  | N/A        |
| HVAC Service       | 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**  
Information not provided.

**Antennas**

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

## Auxiliary Antenna

### Existing Antenna Information

| Section                                   | Question   | Response              |
|---|--|-----------------------|
| Existing Antenna<br>Description           | Type of change   | Purchase<br>New       |
|   | Antenna Use  | Auxiliary<br>(Backup) |
|   | Description of Use   | Auxiliary<br>(Backup) |
|   | Ownership  | Owned                 |
|   | Owner  | N/A                   |
|   | Site   | N/A                   |
|   | Is the existing antenna shared with another station or stations? | No                    |
|   | Is the existing antenna directional?                             | No                    |
|   | 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   | Horizontal            |
|   | Type   | Slotted<br>Coaxial    |
|   | Number of Stations Supported                                     | N/A                   |
|   | Number of Panels   | N/A                   |
|   | Design power capacity in use                                     | N/A                   |
|   | Lower Limit  | N/A                   |
|   | Upper Limit  | N/A                   |
|   | Other Antenna Type   | N/A                   |
|   | ERP: (Effective Radiated Power)<br>.....                         | 869.6 kW              |

|              |                    |
|--------------|--------------------|
| Manufacturer |                    |
| Model        | TFU-28DSC-<br>R O4 |
| Year         | 2008               |



**Auxiliary  
Antenna**

**New Antenna Costs**

| Section                               | Question   | Response              |
|---------------------------------------|--|-----------------------|
| New Antenna Description               | Use  | Auxiliary<br>(Backup) |
|                                       | Description of Use   | Auxiliary<br>(Backup) |
|                                       | Change Type  | Purchase<br>New       |
|                                       | Is this a request for upgraded equipment?                            | Yes                   |
|                                       | Ownership  | Owned                 |
|                                       | Owner  | N/A                   |
|                                       | Is antenna shared?   | No                    |
|                                       | Is antenna directional?  | No                    |
|                                       | Will antenna be located on or in close proximity to an antenna farm? | No                    |
| New Antenna<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)                                      | 730.0 kW              |
|                                       | Manufacturer   |                       |
|                                       |  |                       |

|                               |  |
|-------------------------------|--|
| Model                         | TFU-30DSC<br>O4A                                 |
| Year                          | 2018   |
| Justification for New Antenna | See attached<br>Transition<br>Plan<br>Narrative. |

## Auxiliary 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?  | 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?                       | 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                     |

**Auxiliary  
Antenna**

**Other Antenna Cost Not Listed**

Information not provided.

## 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?                             | No                 |
|   | 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   | Top Mount          |
|   | Antenna position in stack  | Bottom             |
|   | Polarization   | Elliptical         |
|   | Type   | Slotted<br>Coaxial |
|   | Number of Stations Supported                                     | N/A                |
|   | Number of Panels   | N/A                |
|   | Design power capacity in use                                     | N/A                |
|   | Lower Limit  | N/A                |
|   | Upper Limit  | N/A                |
|   | Other Antenna Type   | N/A                |
|   | ERP: (Effective Radiated Power)<br>.....                         | 840.0 kW           |

|              |                    |
|--------------|--------------------|
| Manufacturer |                    |
| Model        | TFU-30GBH-<br>R O8 |
| Year         | 2008               |

Primary  
Antenna

New Antenna Costs

| Section                            | Question   | Response        |
|------------------------------------|--|-----------------|
| New Antenna Description            | Use  | Primary (Main)  |
|                                    | Description of Use   | N/A             |
|                                    | Change Type  | Purchase New    |
|                                    | Is this a request for upgraded equipment?                            | No              |
|                                    | Ownership  | Owned           |
|                                    | Owner  | N/A             |
|                                    | Is antenna shared?   | No              |
|                                    | Is antenna directional?  | No              |
|                                    | Will antenna be located on or in close proximity to an antenna farm? | No              |
|                                    |  |                 |
| New Antenna Manufacturer and Types | Class  | Full Power      |
|                                    | Mounting   | Top Mount       |
|                                    | Antenna position in stack  | Bottom          |
|                                    | Polarization   | Elliptical      |
|                                    | Type   | Slotted Coaxial |
|                                    | Number of Stations Supported   | N/A             |
|                                    | Number of Panels/Bays  | N/A             |
|                                    | Lower Limit  | N/A             |
|                                    | Upper Limit  | N/A             |
|                                    | Design power capacity in use   | N/A             |
|                                    | Other Antenna Type   | N/A             |
|                                    | ERP: (Effective Radiated Power)<br>.....                             | 574.0 kW        |
|                                    | Manufacturer   |                 |
|                                    |  |                 |

|                               |   |
|-------------------------------|---|
| Model                         | TFU-25JBH /VP-R O8                      |
| Year                          | 2018                                    |
| Justification for New Antenna | See attached Transition Plan Narrative. |

**Primary Antenna**

**Other Antenna Costs**

| Section                            | Question  | Response            |
|------------------------------------|---|---------------------|
| <b>Combiner for Shared Antenna</b> | Do you need a Combiner for a Shared Antenna?  |                     |
|                                    | 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  | 6 1/8 inches inches |
| <b>Side Mount Brackets</b>         | Do you require the separate purchase of side mount brackets for a high power antenna?                       |                     |
| <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                 |

**Primary  
Antenna**

**Other Antenna Cost Not Listed**  
Information not provided.



**Transmission Line**

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

**Auxiliary Transmission Line****Existing Transmission Line**

| Section  | Question   | Response           |
|--|--|--------------------|
| Existing Transmission Line Description           | Type of change   | Utilize Existing   |
|  | Use  | Auxiliary (Backup) |
|  | Description of Use   | Auxiliary (Backup) |
|  | Ownership  | Owned              |
|  | Owner  | N/A                |
|  | Site   | N/A                |
|  | Is the existing transmission line shared with another station or stations? | No                 |
|  | Is Transmission Line in operating condition?                               | Yes                |
| Existing Transmission Line Manufacturer and Type | Manufacturer   | Dielectric         |
|  | Type   | Rigid              |
|  | Diameter   | 7 3/16 inches      |
|  | Other Diameter   | N/A                |
|  | Segment Length   | Broadband          |
|  | Other Segment Length   | N/A                |
|  | Number of parallel runs  | 1                  |
|  | Length   | 1680 feet per run  |

Auxiliary  
Transmission Line

Other Transmission Line Expenses Not Listed

| Name       | Description   |
|------------|---|
| Sweep Test | Sweep test of existing transmission line to verify ability to support post-auction channel 26 |

**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   | 6 1/8 inches      |
|   | Other Diameter   | N/A               |
|   | Segment Length   | 19 3/4 inches     |
|   | Other Segment Length   | N/A               |
|   | Number of parallel runs  | 1                 |
|   | Length   | 1950 feet per run |

Primary  
Transmission Line

New Transmission Line

| Section                     | Question                                  | Response                                |
|-----------------------------|---|---|
| New Transmission Line Costs | Use                                       | Primary (Main)                          |
|                             | Description of Use                        | N/A                                     |
|                             | Change Type                               | Purchase New                            |
|                             | Is this a request for upgraded equipment? | No                                      |
|                             | Type                                      | Rigid                                   |
|                             | Diameter                                  | 6 1/8 inches                            |
|                             | Other Diameter                            | N/A                                     |
|                             | Segment Length                            | 19 1/2 inches                           |
|                             | Other Segment Length                      | N/A                                     |
|                             | Number of parallel runs                   | 1                                       |
|                             | Length                                    | 1950 feet per run                       |
|                             | Justification for New Transmission Line   | See attached Transition Plan Narrative. |

Primary  
Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

**Tower  
Equipment  
And Rigging  
Costs**

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

**Primary  
Tower**

**Add Tower**

| Section   | Question  | Response          |
|---|---|-------------------|
| Existing Tower Description                          | Type of change  | Modify Existing   |
|   | Tower Use   | Primary (Main)    |
|   | Description of Use                                      | N/A               |
|   | Ownership   | Owned             |
|   | 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?            | Yes               |
|   | Is tower compliant with Rev G?                          | Yes               |
| Existing Tower Structure Registration               | Do you have a tower registration number?                | Yes               |
|   | ASR Number  | 1011355           |
| Coordinates (NAD83 ( North American Datum of 1983)) | Latitude (NAD83)  | 36° 01' 15.0" N-  |
|   | Longitude (NAD83)                                       | 095° 40' 33.0" W- |
|   | Overall Structure Height                                | 1838.89 feet      |
|   | Support Structure Height                                | 1838.89 feet      |
|   | Ground Elevation Above Mean Sea Level (AMSL)            | 709.97 feet       |

|  |                  |  |
|--|------------------|--|
|  | Structure Type   | TOWER - Free Standing or Guyed Structure |
|  | Tower Owner      | TULSA TOWER JOINT VENTURE                |
|  | Date Constructed | 09/01/1984                               |

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

| Facility ID | Call Sign | Service |
|-------------|-----------|---------|
| 66586       | KWGS      | FM      |
| 66195       | KOED-TV   | DTV     |
| 81517       | KWTU      | FM      |
| 59439       | KJRH-TV   | DTV     |
| 37099       | KWHB      | DTV     |

## Primary Tower

### Tower Modification Costs

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

## Primary Tower

### Tower Rigging Costs

| Section | Question | Response |
|---------|----------|----------|
|---------|----------|----------|

|                                     |                                   |       |
|-------------------------------------|-----------------------------------|-------|
| <b>Tower Rigging Costs</b>          | Complex Tower                     | Other |
| <b>Helicopter Services Required</b> | Are helicopter services required? | No    |

**Primary  
Tower**

**Other Tower Expenses Not Listed**

| <b>Name</b>                   | <b>Description</b>        |
|-------------------------------|---------------------------|
| Auxiliary antenna replacement | Replace auxiliary antenna |

**Outside Professional Services Costs**

| Section   | Question   | Response                              |
|---|--|---------------------------------------|
| <b>Outside Project Management Services</b>            | Do you require outside project management services?                          | Yes                                   |
|   | Number of Hours  | 711                                   |
|   | Explanation  | Please see Transition Plan Narrative. |
| <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  | No  |
|                                      | Environmental Assessment   | No  |
|                                      | ASR Modification   | No  |
|                                      | FAA Consultation (including preparation of FAA Form 7460)                                  | No  |
|                                      | 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  |
|--------------------------|--|
| Transmitter Installation | MARSAND is retained to install and commission transmitter. |

## Other Expenses

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

|  |   |
|--|---|
| <b>Attorney Fee - FCC Filing Fee</b>       | FCC Filing fees associated with Repack.   |
| <b>Attorney Fee - Repack Planning</b>      | FCC Repack planning   |
| <b>Attorney Fee - Review Work Form 387</b> | Review and Work on Form 387 for KO  |
| <b>Aux Antenna - RFreight</b>              | Aux Antenna - RFreight, shipping, and handling as per Dielectric invoice attached SO 87002 KOTV Invoice MAN00153.pdf line item 30.  |
| <b>Main Antenna - RFreight</b>             | Main Antenna - RFreight, shipping, and handling as per Dielectric invoice attached SO 87002 KOTV Invoice MAN00153.pdf line item 32.   |
| <b>Site Prep - TX Space</b>                | Site prep for space new transmitter will be installed in / wall furring - inclosure.  |
| <b>Site Prep Equipment</b>                 | To receive in equipment and move around parts for install a pallet jack was required to be purchased.   |
| <b>Tower Site Security</b>                 | Tower site does not have security cameras. KOTV adding security cameras for security purposes of storing millions of dollars worth of repack at KOTV's building at tower site.                              |
| <b>Transmitter Shipping-Handling</b>       | Shipping - Handling for GatesAir Transmitter as per attached quote - KOTVULXTE80.pdf  |
| <b>Site Prep Electrical</b>                | S and J electrical work performed prior to Shawvers arrival. There was an existing electrical conduit that required relocation. This relocation made room to install the hose tray for the new transmitter. |

## 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 ULXTE-80                        | \$1,475,651.59              | \$1,506,701.59 |  | \$1,442,251.59 |  |
| UHF - Liquid Cooled Solid State Transmitter 50.1 kW | <b>\$497,448.36</b>         | \$497,448.36   | Updated UHF Transmitter Description as per FCC email received on 8/9/2019. As per instructions of 399 the adjustment to description created a new cost component. This is for Final invoice to GatesAir. | \$497,448.36   | Received requested by FCC on 8/9/2019 requesting the description of the transmitter to be changed to 50.1kw to match final GatesAir Invoice. This caused a new cost estimate line item for the 50.1 kw item. |
| Switchgear - industrial 800 amp                     | \$38,200.00                 | \$69,850.00    | Furnish and Install 800amp panel/breakers /equipment.  | \$15,200.00    | N/A  |

|  |                     |                |   |                |   |
|--|---------------------|----------------|---|----------------|---|
| UHF -<br>Liquid<br>Cooled<br>Solid State<br>Transmitter<br>63 kW | <b>\$929,603.23</b> | \$929,603.23   | ***System<br>Notice:<br>Estimate<br>adjusted and<br>locked because<br>line has been<br>superseded.<br>***Refer to<br>quote GA-<br>00023857 -<br>KOTVULXTE80.<br>PDF. The<br>estimated cost<br>on this quote<br>was verified as<br>part of 399 and<br>according to<br>our verification<br>letter was<br>approved for<br>this amount.<br>The first third of<br>this same quote<br>was paid 11<br>/2017. | \$929,603.23   | Received<br>requested<br>by FCC on<br>8/9/2019<br>requesting<br>the<br>description<br>of the<br>transmitter<br>to be<br>changed to<br>50.1kw to<br>match final<br>GatesAir<br>Invoice.<br>This<br>caused a<br>new cost<br>estimate<br>line item<br>for the 50.1<br>kw item. |
| 3" Rigid<br>Conduit<br>and Wiring<br>(Cost per<br>foot)          | \$10,400.00         | \$9,800.00     | N/A   | N/A            | N/A   |
| <b>Sub-total</b>   | \$1,475,651.59      | \$1,506,701.59 | N/A   | \$1,442,251.59 | N/A   |
| <b>Total for<br/>all<br/>systems</b>                             | \$3,858,491.88      | \$4,076,590.88 | N/A   | \$2,118,126.97 | N/A   |

## Components

| Actual Information                                     |   |
|--|---|
| Description  | File Name   |
| UHF - Liquid Cooled Solid<br>State Transmitter 50.1 kW | <div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Final Payment -<br/>Transmitter<br/>Received.</div> <div>\$497,448.36</div> </div> |

|   |   |
|---|---|
| Switchgear - industrial 800 amp                   | <p><b>Component Description:</b> Progress Invoice for work completed towards installing 800amp.</p> <p><b>Amount:</b> \$15,200.00</p>   |
| UHF - Liquid Cooled Solid State Transmitter 63 kW | <p><b>Component Description:</b> Invoice 2 of 3 for Transmitter - 33% Prior to Ship Invoice - GatesAir - KOTV JW30004177-2</p> <p><b>Amount:</b> \$475,683.86</p> <p><b>Component Description:</b> Transmitter Payment Invoice 3 of 3 - Final - Equipment Received. Updated Equipment Description as per request and it created a new line. Moving component under Transmitter for 50.1kw cost estimate.</p> <p><b>Amount:</b> N/A</p> <p><b>Component Description:</b> GatesAir 1/3 ARO - down payment for transmitter - As per Quote GA-00023857</p> <p><b>Amount:</b> \$453,919.37</p> |
| 3" Rigid Conduit and Wiring (Cost per foot)       | Information not provided.   |

Cost  
Information

Antennas

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

| Description  | Predetermined<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification   | Actual Cost  | Actual Cost<br>Justification |
|--|--------------------------------|-------------------|--|--------------|------------------------------|
| Primary<br>Antenna<br>TFU-25JBH<br>/VP-R O8  | \$308,530.00                   | \$538,520.00      |  | \$254,208.90 |                              |
| 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                    | \$31,920.00       | Please see<br>transition<br>plan<br>narrative<br>and<br>attached<br>Dielectric<br>Main<br>Antenna<br>Quote for<br>base and<br>upgrade. | \$7,900.20   | N/A                          |
| Sweep test<br>of existing<br>antenna   | \$6,730.00                     | \$6,400.00        | Please see<br>transition<br>plan<br>narrative<br>and<br>attached<br>Dielectric<br>Main<br>Antenna<br>Quote for<br>base and<br>upgrade. | \$4,224.00   | N/A                          |

|  |                     |                     |  |                     |     |
|--|---------------------|---------------------|--|---------------------|-----|
| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized   | \$289,500.00        | \$500,200.00        | Antenna is the bottom antenna in a stacked set and pre-determined costs will likely double. For details, see attached Transition Plan Narrative and attached Dielectric Main Antenna Quote for base and upgrade. | \$242,084.70        | N/A |
| <b>Auxiliary Antenna TFU-30DSC O4A</b>   | <b>\$316,390.00</b> | <b>\$313,800.00</b> |  | <b>\$129,142.20</b> |     |
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | \$5,260.00          | \$5,000.00          | N/A  | N/A                 | N/A |
| Elbow complex, broadband, at antenna input, per 7 3/16. feedline (if needed)                           | \$16,850.00         | \$16,000.00         | Please see transition plan narrative and attached Dielectric Aux Antenna Quote for base and upgrade.   | \$7,900.20          | N/A |



|  |                     |                |  |                |     |
|--|---------------------|----------------|--|----------------|-----|
| Side mount brackets for high power antennas (if not included in antenna base cost)                   | \$23,150.00         | \$22,000.00    | N/A  | \$10,840.50    | N/A |
| UHF - High Power, Side Mount, basic slot antenna, 730 kW input, elliptically or circularly polarized | <b>\$264,400.00</b> | \$264,400.00   | See Transition Plan Narrative and attached Dielectric Aux Antenna Quote for base and upgrade.        | \$106,177.50   | N/A |
| Sweep test of existing antenna   | \$6,730.00          | \$6,400.00     | Please see transition plan narrative and attached Dielectric Aux Antenna Quote for base and upgrade. | \$4,224.00     | N/A |
| <b>Sub-total</b>   | \$624,920.00        | \$852,320.00   | N/A  | \$383,351.10   | N/A |
| <b>Total for all systems</b>   | \$3,858,491.88      | \$4,076,590.88 | N/A  | \$2,118,126.97 | N/A |

## Components

**Actual Information**  
**Description**

**File Name**

|   |  |                                      |  |                       |                     |                                      |  |                       |                     |
|---|--|--------------------------------------|--|-----------------------|---------------------|--------------------------------------|--|-----------------------|---------------------|
| <p>Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)</p>                     | <table> <tr> <td data-bbox="740 98 1177 360"> <p><b>Component Description:</b></p> </td><td data-bbox="1177 98 1474 360"> <p>Elbow Complex 6-75 Digit KOTV Main. Item 4 on invoice - Prior to Ship 33%</p> </td></tr> <tr> <td data-bbox="740 360 1177 443"> <p><b>Amount:</b></p> </td><td data-bbox="1177 360 1474 443"> <p>\$3,950.10</p> </td></tr> <tr> <td data-bbox="740 495 1177 667"> <p><b>Component Description:</b></p> </td><td data-bbox="1177 495 1474 667"> <p>Elbow Complex 6-75 Digit KOTV Main. Item 4 on invoice - first 33%</p> </td></tr> <tr> <td data-bbox="740 667 1177 763"> <p><b>Amount:</b></p> </td><td data-bbox="1177 667 1474 763"> <p>\$3,950.10</p> </td></tr> </table>                               | <p><b>Component Description:</b></p> | <p>Elbow Complex 6-75 Digit KOTV Main. Item 4 on invoice - Prior to Ship 33%</p>     | <p><b>Amount:</b></p> | <p>\$3,950.10</p>   | <p><b>Component Description:</b></p> | <p>Elbow Complex 6-75 Digit KOTV Main. Item 4 on invoice - first 33%</p>     | <p><b>Amount:</b></p> | <p>\$3,950.10</p>   |
| <p><b>Component Description:</b></p>  | <p>Elbow Complex 6-75 Digit KOTV Main. Item 4 on invoice - Prior to Ship 33%</p>   |                                      |  |                       |                     |                                      |  |                       |                     |
| <p><b>Amount:</b></p>   | <p>\$3,950.10</p>  |                                      |  |                       |                     |                                      |  |                       |                     |
| <p><b>Component Description:</b></p>  | <p>Elbow Complex 6-75 Digit KOTV Main. Item 4 on invoice - first 33%</p>   |                                      |  |                       |                     |                                      |  |                       |                     |
| <p><b>Amount:</b></p>   | <p>\$3,950.10</p>  |                                      |  |                       |                     |                                      |  |                       |                     |
| <p>Sweep test of existing antenna</p>   | <table> <tr> <td data-bbox="740 763 1177 1003"> <p><b>Component Description:</b></p> </td><td data-bbox="1177 763 1474 1003"> <p>Sweep - on-site for KOTV Main. Item 33 on invoice, Prior to Ship 33%.</p> </td></tr> <tr> <td data-bbox="740 1003 1177 1086"> <p><b>Amount:</b></p> </td><td data-bbox="1177 1003 1474 1086"> <p>\$2,112.00</p> </td></tr> <tr> <td data-bbox="740 1137 1177 1310"> <p><b>Component Description:</b></p> </td><td data-bbox="1177 1137 1474 1310"> <p>Sweep - on-site for KOTV Main. Item 33 on invoice, first 33%.</p> </td></tr> <tr> <td data-bbox="740 1310 1177 1397"> <p><b>Amount:</b></p> </td><td data-bbox="1177 1310 1474 1397"> <p>\$2,112.00</p> </td></tr> </table>                       | <p><b>Component Description:</b></p> | <p>Sweep - on-site for KOTV Main. Item 33 on invoice, Prior to Ship 33%.</p>         | <p><b>Amount:</b></p> | <p>\$2,112.00</p>   | <p><b>Component Description:</b></p> | <p>Sweep - on-site for KOTV Main. Item 33 on invoice, first 33%.</p>         | <p><b>Amount:</b></p> | <p>\$2,112.00</p>   |
| <p><b>Component Description:</b></p>  | <p>Sweep - on-site for KOTV Main. Item 33 on invoice, Prior to Ship 33%.</p>   |                                      |  |                       |                     |                                      |  |                       |                     |
| <p><b>Amount:</b></p>   | <p>\$2,112.00</p>  |                                      |  |                       |                     |                                      |  |                       |                     |
| <p><b>Component Description:</b></p>  | <p>Sweep - on-site for KOTV Main. Item 33 on invoice, first 33%.</p>   |                                      |  |                       |                     |                                      |  |                       |                     |
| <p><b>Amount:</b></p>   | <p>\$2,112.00</p>  |                                      |  |                       |                     |                                      |  |                       |                     |
| <p>UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized</p> | <table> <tr> <td data-bbox="740 1397 1177 1659"> <p><b>Component Description:</b></p> </td><td data-bbox="1177 1397 1474 1659"> <p>UHF Main Antenna, VPOL, Top Plate. Items 1,2,3 on invoice. Prior to Ship 33%.</p> </td></tr> <tr> <td data-bbox="740 1659 1177 1742"> <p><b>Amount:</b></p> </td><td data-bbox="1177 1659 1474 1742"> <p>\$121,042.35</p> </td></tr> <tr> <td data-bbox="740 1794 1177 1966"> <p><b>Component Description:</b></p> </td><td data-bbox="1177 1794 1474 1966"> <p>UHF Main Antenna, VPOL, Top Plate. Items 1,2,3 on invoice. First 33%.</p> </td></tr> <tr> <td data-bbox="740 1966 1177 2058"> <p><b>Amount:</b></p> </td><td data-bbox="1177 1966 1474 2058"> <p>\$121,042.35</p> </td></tr> </table> | <p><b>Component Description:</b></p> | <p>UHF Main Antenna, VPOL, Top Plate. Items 1,2,3 on invoice. Prior to Ship 33%.</p> | <p><b>Amount:</b></p> | <p>\$121,042.35</p> | <p><b>Component Description:</b></p> | <p>UHF Main Antenna, VPOL, Top Plate. Items 1,2,3 on invoice. First 33%.</p> | <p><b>Amount:</b></p> | <p>\$121,042.35</p> |
| <p><b>Component Description:</b></p>  | <p>UHF Main Antenna, VPOL, Top Plate. Items 1,2,3 on invoice. Prior to Ship 33%.</p>   |                                      |  |                       |                     |                                      |  |                       |                     |
| <p><b>Amount:</b></p>   | <p>\$121,042.35</p>  |                                      |  |                       |                     |                                      |  |                       |                     |
| <p><b>Component Description:</b></p>  | <p>UHF Main Antenna, VPOL, Top Plate. Items 1,2,3 on invoice. First 33%.</p>   |                                      |  |                       |                     |                                      |  |                       |                     |
| <p><b>Amount:</b></p>   | <p>\$121,042.35</p>  |                                      |  |                       |                     |                                      |  |                       |                     |

|  |                               |  |
|--|-------------------------------|--|
| Pattern scatter analysis for side mount high/med 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)                           | <b>Component Description:</b> | Elbow complex 6-75 KOTV Aux, item 27 on invoice. Prior to Ship 33%.                      |
|  | <b>Amount:</b>                | \$3,950.10   |
|  | <b>Component Description:</b> | Elbow complex 6-75 KOTV Aux, item 27 on invoice. First 33%.                              |
|  | <b>Amount:</b>                | \$3,950.10   |
| Side mount brackets for high power antennas (if not included in antenna base cost)                     | <b>Component Description:</b> | KOTV Aux Side Mounts, also includes scatter study. Item 26 on invoice. Prior to Ship 33% |
|  | <b>Amount:</b>                | \$5,420.25   |
|  | <b>Component Description:</b> | KOTV Aux Side Mounts, also includes scatter study. Item 26 on invoice. First 33%         |
|  | <b>Amount:</b>                | \$5,420.25   |

|   |  |                               |   |                |             |                               |   |                |             |
|---|--|-------------------------------|---|----------------|-------------|-------------------------------|---|----------------|-------------|
| <p>UHF - High Power, Side Mount, basic slot antenna, 730 kW input, elliptically or circularly polarized</p> | <table> <tr> <td data-bbox="737 94 1166 360"><b>Component Description:</b></td><td data-bbox="1166 94 1476 360">UHF - Side Mount Aux Antenna KOTV. Item 24 invoice. Prior to Ship 33%</td></tr> <tr> <td data-bbox="737 360 1166 472"><b>Amount:</b></td><td data-bbox="1166 360 1476 472">\$53,088.75</td></tr> <tr> <td data-bbox="737 472 1166 766"><b>Component Description:</b></td><td data-bbox="1166 472 1476 766">UHF - Side Mount Aux Antenna KOTV. Item 24 invoice. First 33%</td></tr> <tr> <td data-bbox="737 766 1166 768"><b>Amount:</b></td><td data-bbox="1166 766 1476 768">\$53,088.75</td></tr> </table> | <b>Component Description:</b> | UHF - Side Mount Aux Antenna KOTV. Item 24 invoice. Prior to Ship 33% | <b>Amount:</b> | \$53,088.75 | <b>Component Description:</b> | UHF - Side Mount Aux Antenna KOTV. Item 24 invoice. First 33% | <b>Amount:</b> | \$53,088.75 |
| <b>Component Description:</b>   | UHF - Side Mount Aux Antenna KOTV. Item 24 invoice. Prior to Ship 33%  |                               |   |                |             |                               |   |                |             |
| <b>Amount:</b>  | \$53,088.75  |                               |   |                |             |                               |   |                |             |
| <b>Component Description:</b>   | UHF - Side Mount Aux Antenna KOTV. Item 24 invoice. First 33%  |                               |   |                |             |                               |   |                |             |
| <b>Amount:</b>  | \$53,088.75  |                               |   |                |             |                               |   |                |             |
| <p>Sweep test of existing antenna</p>   | <table> <tr> <td data-bbox="737 766 1166 987"><b>Component Description:</b></td><td data-bbox="1166 766 1476 987">Sweep on-site KOTV Aux. Item 31 on invoice. Prior to Ship 33%</td></tr> <tr> <td data-bbox="737 987 1166 1099"><b>Amount:</b></td><td data-bbox="1166 987 1476 1099">\$2,112.00</td></tr> <tr> <td data-bbox="737 1099 1166 1301"><b>Component Description:</b></td><td data-bbox="1166 1099 1476 1301">Sweep on-site KOTV Aux. Item 31 on invoice. First 33%.</td></tr> <tr> <td data-bbox="737 1301 1166 1397"><b>Amount:</b></td><td data-bbox="1166 1301 1476 1397">\$2,112.00</td></tr> </table>      | <b>Component Description:</b> | Sweep on-site KOTV Aux. Item 31 on invoice. Prior to Ship 33%         | <b>Amount:</b> | \$2,112.00  | <b>Component Description:</b> | Sweep on-site KOTV Aux. Item 31 on invoice. First 33%.        | <b>Amount:</b> | \$2,112.00  |
| <b>Component Description:</b>   | Sweep on-site KOTV Aux. Item 31 on invoice. Prior to Ship 33%  |                               |   |                |             |                               |   |                |             |
| <b>Amount:</b>  | \$2,112.00   |                               |   |                |             |                               |   |                |             |
| <b>Component Description:</b>   | Sweep on-site KOTV Aux. Item 31 on invoice. First 33%.   |                               |   |                |             |                               |   |                |             |
| <b>Amount:</b>  | \$2,112.00   |                               |   |                |             |                               |   |                |             |

Cost  
Information

Transmission Line

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

| Description                                       | Predetermined<br>Cost Estimate | Estimated<br>Cost     | Estimated Cost<br>Justification   | Actual Cost           | Actual Cost<br>Justification |
|---|--------------------------------|-----------------------|---|-----------------------|------------------------------|
| <b>Primary<br/>Transmission<br/>Line</b>          | <b>\$393,900.00</b>            | <b>\$404,600.00</b>   |   | <b>\$210,437.86</b>   |                              |
| Rigid<br>Transmission<br>Line -<br>copper, 6 1/8" | \$393,900.00                   | \$404,600.00          | Please see<br>transition plan<br>narrative and<br>attached<br>Dielectric Main<br>Antenna Quote<br>for base and<br>upgrade.  | \$210,437.86          | N/A                          |
| <b>Auxiliary<br/>Transmission<br/>Line</b>        | <b>\$6,751.00</b>              | <b>\$6,751.00</b>     |   | <b>\$6,275.59</b>     |                              |
| Sweep Test  | <i>\$6,751.00</i>              | \$6,751.00            | Transmission<br>line<br>manufacturer<br>recommends<br>testing the line<br>for ability to<br>support post-<br>auction channel<br>26. See<br>attached<br>Auxiliary line<br>sweep<br>recommendation. | \$6,275.59            | N/A                          |
| <b>Sub-total</b>                                  | <b>\$400,651.00</b>            | <b>\$411,351.00</b>   | N/A   | <b>\$216,713.45</b>   | N/A                          |
| <b>Total for all<br/>systems</b>                  | <b>\$3,858,491.88</b>          | <b>\$4,076,590.88</b> | N/A   | <b>\$2,118,126.97</b> | N/A                          |

Components

| Actual Information<br>Description | File Name |
|-----------------------------------|-----------|
|-----------------------------------|-----------|

|   |   |
|---|---|
| Rigid Transmission Line -<br>copper, 6 1/8" | <div> <div> <b>Component Description:</b> </div> <div> Rigid Transmission Line, TLSCR's, Reducer, and Test port. Items 5, 9, 28, and 29 on invoice. Prior to Ship 33%. </div> </div> <div> <div> <b>Amount:</b> </div> <div> \$105,218.93 </div> </div> |
| Sweep Test                                  | <div> <div> <b>Component Description:</b> </div> <div> Rigid Transmission Line, TLSCR's, Reducer, and Test port. Items 5, 9, 28, and 29 on invoice. First 33%. </div> </div> <div> <div> <b>Amount:</b> </div> <div> \$105,218.93 </div> </div>         |

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<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification  | Actual Cost    | Actual Cost<br>Justification |
|---|--------------------------------|-------------------|---|----------------|------------------------------|
| Primary<br>Tower<br>TOWER   | \$791,600.00                   | \$762,000.00      |   | \$6,500.00     |                              |
| Structural<br>engineering<br>tower load<br>study for well<br>documented<br>tower                              | \$12,600.00                    | \$12,000.00       | N/A   | \$6,500.00     | N/A                          |
| Minor tower<br>reinforcement<br>/modifications  | \$158,000.00                   | \$150,000.00      | N/A   | N/A            | N/A                          |
| Auxiliary<br>antenna<br>replacement   | <i>\$200,000.00</i>            | \$200,000.00      | N/A   | \$0.00         | N/A                          |
| Complex<br>Tower<br>(includes, for<br>example,<br>those with<br>candelabras<br>and/or<br>stacked<br>antennas) | \$421,000.00                   | \$400,000.00      | Tower has<br>a stacked<br>antennas.<br>Please see<br>transition<br>plan<br>narrative. | N/A            | N/A                          |
| Sub-total   | \$791,600.00                   | \$762,000.00      | N/A   | \$6,500.00     | N/A                          |
| Total for all<br>systems  | \$3,858,491.88                 | \$4,076,590.88    | N/A   | \$2,118,126.97 | N/A                          |

Components

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

|   |  |
|---|--|
| Structural engineering tower load study for well documented tower                     | <div><div><b>Component Description:</b></div><div><b>Amount:</b></div></div> <div>Tower / Structural Analysis<br/>\$6,500.00</div> |
| Minor tower reinforcement /modifications  | Information not provided.  |
| Auxiliary antenna replacement   | Information not provided.  |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | 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>\$416,793.00</b>         | <b>\$404,192.00</b> |  | <b>\$16,260.50</b> |                           |
| Transmitter Installation   | <i>\$160,600.00</i>         | \$160,600.00        | MARSAND to install and commission transmitter. Please see attached MARSAND quote 1756. | N/A                | N/A                       |
| RF Exposure Measurements   | \$21,050.00                 | \$20,000.00         | N/A  | N/A                | N/A                       |
| Attorney Fees - Prepare and File request for Special Temporary Authorization                       | \$3,680.00                  | \$3,500.00          | N/A  | N/A                | N/A                       |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application                | \$2,365.00                  | \$2,250.00          | N/A  | \$440.50           | N/A                       |
| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application | \$4,210.00                  | \$4,000.00          | N/A  | \$767.00           | 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 | \$1,261.00 | 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 | \$1,850.00 | N/A |

|  |                     |                     |  |                    |  |
|--|---------------------|---------------------|--|--------------------|--|
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00          | \$3,000.00          | N/A  | \$2,250.00         | N/A  |
| Perform engineering study for new channel assignment and antenna development         | \$7,360.00          | \$7,000.00          | N/A  | \$6,500.00         | N/A  |
| Prepare and or review reimbursement form   | \$2,630.00          | \$3,192.00          | Sub-Total over Predetermined and Estimated Cost due to only taken in account Engineering review. Additional cost (s) are related to attorney fees. | \$3,192.00         | Sub-Total over Predetermined and Estimated Cost due to only taken in account Engineering review. Additional cost (s) are related to attorney fees. |
| Project management of the transition   | \$112,338.00        | \$106,650.00        | N/A  | N/A                | N/A  |
| Comprehensive coverage verification via field study, if needed                       | \$84,200.00         | \$80,000.00         | N/A  | N/A                | N/A  |
| Address transition timing and coordination issues w/ other stations and wireless     | \$2,630.00          | \$2,500.00          | N/A  | N/A                | N/A  |
| <b>Sub-total</b>   | <b>\$416,793.00</b> | <b>\$404,192.00</b> | <b>N/A</b>   | <b>\$16,260.50</b> | <b>N/A</b>   |

|                              |                |                |     |                |     |
|------------------------------|----------------|----------------|-----|----------------|-----|
| <b>Total for all systems</b> | \$3,858,491.88 | \$4,076,590.88 | N/A | \$2,118,126.97 | N/A |
|------------------------------|----------------|----------------|-----|----------------|-----|

## Components

| <b>Actual Information</b>  |   |
|--|---|
| <b>Description</b>   | <b>File Name</b>  |
| Transmitter Installation   | Information not provided.   |
| RF Exposure Measurements   | Information not provided.   |
| Attorney Fees - Prepare and File request for Special Temporary Authorization                       | Information not provided.   |
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application                 | <div> <b>Component Description:</b> </div> <div> Form 2100 -<br/>Schedule A<br/>Modificatoin App /<br/>Draft App to<br/>reassign to new<br/>channel pursuant to<br/>post-auction repack.<br/> <b>Amount:</b> </div> <div> \$440.50 </div> |
| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application | <div> <b>Component Description:</b> </div> <div> Prepare draft app for<br/>new aux system,<br/>FCC Form 2100 aux<br/>antenna, finalize and<br/>file form 2100 aux<br/>antenna for KOTV.<br/> <b>Amount:</b> </div> <div> \$767.00 </div>  |

|   |   |   |
|---|---|---|
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application                                  | <b>Component Description:</b><br><br><b>Amount:</b> | FCC Form 2100 construction permit app for KOTV<br>\$630.50  |
|   | <b>Component Description:</b><br><br><b>Amount:</b> | Combined work on FCC form 2100 and 399. Finalize and file FCC form 2100 and 399 for KOTV.<br>\$436.50 |
|   | <b>Component Description:</b><br><br><b>Amount:</b> | Attorney call and prep work regarding KOTV FCC Form 2100 and 399.<br>\$194.00                         |
| 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 | <b>Component Description:</b><br><br><b>Amount:</b> | Prepare engineering section of FCC Form 2100, CP (AUX).<br>\$1,850.00                                 |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application                                    | <b>Component Description:</b><br><br><b>Amount:</b> | Prepare engineering section of FCC Form 2100, CP Main<br>\$2,250.00                                   |

|  |   |
|--|---|
| Perform engineering study for new channel assignment and antenna development     | <p><b>Component Description:</b></p> <p>Perform engineering study for new channel assignment and antenna development - complex system: multi-channel, shared combiner, multi-tenant site</p> <p><b>Amount:</b></p> <p>\$6,500.00</p>  |
| Prepare and or review reimbursement form   | <p><b>Component Description:</b></p> <p>Prepare and/or review reimbursement form.</p> <p><b>Amount:</b></p> <p>\$2,500.00</p> <p><b>Component Description:</b></p> <p>KOTV Form 399 Preparation</p> <p><b>Amount:</b></p> <p>\$291.00</p> <p><b>Component Description:</b></p> <p>Work on FCC form 399 for KOTV, submit FCC form 399 and minor mod app and download full file copies.</p> <p><b>Amount:</b></p> <p>\$401.00</p> |
| Project management of the transition   | Information not provided.   |
| Comprehensive coverage verification via field study, if needed                   | Information not provided.   |
| Address transition timing and coordination issues w/ other stations and wireless | Information not provided.   |

## Cost Information

### Other Expenses

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

| Description                   | Predetermined Cost Estimate | Estimated Cost      | Estimated Cost Justification   | Actual Cost        |
|-------------------------------|-----------------------------|---------------------|--|--------------------|
| <b>Other Expenses</b>         | <b>\$148,876.29</b>         | <b>\$140,026.29</b> |  | <b>\$53,050.33</b> |
| Site Prep Electrical          | <i>\$1,400.00</i>           | \$1,400.00          | S and J electric performed prior to Shawver's arrival. There was an existing electrical conduit that required relocation. This relocation made room to install the hose tray for the new transmitter.                      | \$1,400.00         |
| Transmitter Shipping-Handling | <i>\$19,962.24</i>          | \$19,962.24         | Shipping - Handling for GatesAir Transmitter   | \$19,962.24        |
| Tower Site Security           | <i>\$1,751.89</i>           | \$1,751.89          | Tower site does not have security cameras. KOTV adding security cameras for security purposes of storing millions of dollars worth of repack at KOTV's building at tower site.   | \$1,751.89         |
| Site Prep Equipment           | <i>\$3,290.00</i>           | \$3,290.00          | To receive in equipment and move around heavy equipment for install a pallet jack was required to be purchased. Equipment necessary for construction of the channel grid to support the coolant hoses for new transmitter. | \$3,086.68         |
| Site Prep - TX Space          | <i>\$3,966.16</i>           | \$3,966.16          | Site where the new transmitter is being installed required some re-work of the wall inclosure.   | \$3,966.16         |

|  |                    |             |  |             |
|--|--------------------|-------------|--|-------------|
| Main Antenna - RFreight  | <b>\$22,318.00</b> | \$22,318.00 | Main Antenna - RFreight, shipping, and handling as per Dielectric invoice attached SO 87002 KOTV Invoice MAN00153.pdf line item 32.  | \$14,729.88 |
| Aux Antenna - RFreight   | <b>\$9,678.00</b>  | \$9,678.00  | Aux Antenna - RFreight, shipping, and handling as per Dielectric invoice attached SO 87002 KOTV Invoice MAN00153.pdf line item 30.   | \$6,387.48  |
| Attorney Fee - Review Work Form 387                                      | <b>\$1,000.00</b>  | \$1,000.00  | Attorney Fees associated with reviewing FCC Form 387 for KOTV.   | \$774.00    |
| Attorney Fee - Repack Planning   | <b>\$500.00</b>    | \$500.00    | Attorney fees for planning of repack efforts   | \$212.00    |
| Attorney Fee - FCC Filing Fee  | <b>\$1,070.00</b>  | \$1,070.00  | FCC Filing Fees - KOTV Repack - Attorney fees  | \$0.00      |
| MVPD Notification of Channel Change                                      | <b>\$750.00</b>    | \$750.00    | Please see attached MVPD Notification Quote.   | N/A         |
| Develop and air announcement of upcoming channel change                  | <b>\$43,000.00</b> | \$43,000.00 | Cost estimates associated with outsourcing the production of the viewer announcements for the upcoming channel change. Refer to KOTV GMSRepackRescanEstimate.pdf in the attachments. | \$0.00      |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <b>\$27,000.00</b> | \$27,000.00 | Existing transmitter removal and fluid recovery. Remove and dispose of existing main and auxiliary antennas and transmission line. See attached MARSAND quote 1755.                  | \$780.00    |



|   |                |                |     |               |
|---|----------------|----------------|-----|---------------|
| FCC Filing Fees - Special Temporary Authorization request | \$195.00       | \$190.00       | N/A | N/A           |
| DTV Medical Facility Notification                         | \$11,550.00    | \$2,755.00     | N/A | N/A           |
| FCC Filing Fees - Form 2100 minor change CP application   | \$1,110.00     | \$1,070.00     | N/A | N/A           |
| FCC Filing Fees - Form 2100 license to cover application  | \$335.00       | \$325.00       | N/A | N/A           |
| <b>Sub-total</b>  | \$148,876.29   | \$140,026.29   | N/A | \$53,050.33   |
| <b>Total for all systems</b>                              | \$3,858,491.88 | \$4,076,590.88 | N/A | \$2,118,126.9 |

## Components

| Actual Information            |   |  |
|-------------------------------|---|--|
| Description                   | File Name   |  |
| Site Prep Electrical          | <b>Component Description:</b><br><br><b>Amount:</b> | Relocation of Conduit Feeding Power to Equipment Rack.<br>\$1,400.00 |
| Transmitter Shipping-Handling | <b>Component Description:</b><br><b>Amount:</b>     | FREIGHT<br>\$19,962.24   |

|                     |   |
|---------------------|---|
| Tower Site Security | <div data-bbox="730 174 1038 210"><b>Component Description:</b></div> <div data-bbox="1171 174 1406 562">Tower site does not have security cameras. KOTV adding security cameras for security purposes of storing millions of dollars worth of repack at KOTV's building at tower site.</div> <div data-bbox="730 575 841 607"><b>Amount:</b></div> <div data-bbox="1171 575 1289 607">\$1,751.89</div>   |
| Site Prep Equipment | <div data-bbox="730 745 1038 781"><b>Component Description:</b></div> <div data-bbox="1171 745 1394 976">Web sling for lifting heavy equipment. Initial charge was 73.74, refund of 15.18 for items not used.</div> <div data-bbox="730 1066 841 1097"><b>Amount:</b></div> <div data-bbox="1171 987 1370 1097">Reimbursement request for 58.56<br/>\$58.56</div> <div data-bbox="730 1205 1038 1240"><b>Component Description:</b></div> <div data-bbox="1171 1205 1418 1514">Dolly equipment. Initial charge 180.09, returned items not used at a refund of 115.01. Charges requested for reimbursement equal 65.08.</div> <div data-bbox="730 1525 841 1556"><b>Amount:</b></div> <div data-bbox="1171 1525 1254 1556">\$65.08</div> <div data-bbox="730 1664 1038 1736"><b>Component Description:</b><br/><b>Amount:</b></div> <div data-bbox="1171 1664 1335 1736">Forklift Rental<br/>\$863.37</div> <div data-bbox="730 1843 1038 1879"><b>Component Description:</b></div> <div data-bbox="1171 1843 1390 2031">Heavy Load Lifting Straps to move around new tx cabinets into place for install.</div> <div data-bbox="730 2042 841 2074"><b>Amount:</b></div> <div data-bbox="1171 2042 1254 2074">\$77.16</div> |

|                               |   |
|-------------------------------|---|
| <b>Component Description:</b> | To receive in equipment and move around parts for install a pallet jack was required to be purchased. |
| <b>Amount:</b>                | \$301.12  |

|                               |   |
|-------------------------------|---|
| <b>Component Description:</b> | Equipment necessar for construction of the channel grid to support the coolant hoses for new transmitter. |
| <b>Amount:</b>                | \$27.38   |

|                               |   |
|-------------------------------|---|
| <b>Component Description:</b> | Equipment necessar for construction of the channel grid to support the coolant hoses for new transmitter. |
| <b>Amount:</b>                | \$201.61  |

|                               |   |
|-------------------------------|---|
| <b>Component Description:</b> | Gantry Crane and components required to lift trasnmitter equipment into place at site. Less Gift Card |
| <b>Amount:</b>                | \$1,026.21  |

|                               |   |
|-------------------------------|---|
| <b>Component Description:</b> | Equipment necessar for construction of the channel grid to support the coolant hoses for new transmitter. |
| <b>Amount:</b>                | \$287.67  |

|                      |                               |  |
|----------------------|-------------------------------|--|
|                      | <b>Component Description:</b> | Equipment necessar<br>for construction of<br>the channel grid to<br>support the coolant<br>hoses for new<br>transmitter. |
|                      | <b>Amount:</b>                | \$16.24  |
|                      | <b>Component Description:</b> | Equipment necessar<br>for construction of<br>the channel grid to<br>support the coolant<br>hoses for new<br>transmitter. |
|                      | <b>Amount:</b>                | \$162.28   |
| Site Prep - TX Space | <b>Component Description:</b> | Drywall and wall<br>construction around<br>new KOTV-DT CH26<br>Transmitter.  |
|                      | <b>Amount:</b>                | \$3,739.60   |
|                      | <b>Component Description:</b> | Wall prep and paint.   |
|                      | <b>Amount:</b>                | \$80.16  |
|                      | <b>Component Description:</b> | Wall prep and paint.   |
|                      | <b>Amount:</b>                | \$140.86   |
|                      | <b>Component Description:</b> | Site prep  |
|                      | <b>Amount:</b>                | \$5.54   |

|                         |   |
|-------------------------|---|
| Main Antenna - RFreight | <div data-bbox="730 174 1410 405"> <p><b>Component Description:</b> Main Antenna Freight, Shipping, and Handling - 2/3 Prior to Ship invoice amount as per invoice line item 32</p> <p><b>Amount:</b> \$7,364.94</p> </div> <div data-bbox="730 555 1418 904"> <p><b>Component Description:</b> Main Antenna Freight, Shipping, and Handling - 1/3 ARO invoice amount as per invoice line item 32 - SO 827002 KOTV Invoice MAN00153.pdf</p> <p><b>Amount:</b> \$7,364.94</p> </div>   |
| Aux Antenna - RFreight  | <div data-bbox="730 1048 1422 1317"> <p><b>Component Description:</b> Aux Antenna Freight, Shipping, and Handling - 2/3 Prior to Ship invoice amount as per invoice line item 30</p> <p><b>Amount:</b> \$3,193.74</p> </div> <div data-bbox="730 1422 1422 1771"> <p><b>Component Description:</b> Aux Antenna Freight, Shipping, and Handling - 1/3 ARO invoice amount as per invoice line item 30 - SO 827002 KOTV Invoice MAN00153.pdf</p> <p><b>Amount:</b> \$3,193.74</p> </div> |

Attorney Fee - Review Work  
Form 387

**Component Description:** Review draft form  
387 transition  
progress report.  
**Amount:** \$106.00

**Component Description:** Review draft FCC  
Form 387 Quarterly  
transistion progress  
report.  
**Amount:** \$265.00

**Component Description:** Review KOTV Form  
387  
**Amount:** \$100.00

**Component Description:** Work on KOTV FCC  
Form 387 quarterly  
filing.  
**Amount:** \$100.00

**Component Description:** Work on KOTV FCC  
Form 387 quarterly  
filing.  
**Amount:** \$106.00

**Component Description:** Review draft KOTV  
schedule 387 3Q  
2017 report.  
**Amount:** \$97.00

Attorney Fee - Repack  
Planning

**Component Description:** Telephone  
conference with  
Trevor and Don  
regarding KOTV  
Phase 9 Repac  
planning.  
**Amount:** \$212.00

|  |   |
|--|---|
| Attorney Fee - FCC Filing Fee  | <p><b>Component Description:</b> KOTV Repack FCC Filing Fees - Attorney Fees</p> <p><b>Amount:</b> \$1,070.00</p>   |
| MVPD Notification of Channel Change                                      | Information not provided.   |
| Develop and air announcement of upcoming channel change                  | Information not provided.   |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <p><b>Component Description:</b> Onsite construction / scrap dumpster.</p> <p><b>Amount:</b> \$390.00</p> <p><b>Component Description:</b> 12 YARD DELIVERY - receipt for the dumpster for unpacking and placing the new transmitter for KOTV- DT FIN: 35434</p> <p><b>Amount:</b> \$390.00</p> |
| FCC Filing Fees - Special Temporary Authorization request                | Information not provided.   |
| DTV Medical Facility Notification  | Information not provided.   |
| FCC Filing Fees - Form 2100 minor change CP application                  | Information not provided.   |
| FCC Filing Fees - Form 2100 license to cover application                 | Information not provided.   |

|                  |                       |                             |                |
|------------------|-----------------------|-----------------------------|----------------|
| Cost Information | Grand Total           |                             |                |
|                  |                       | Predetermined Cost Estimate | Estimated Cost |
|                  |                       |                             | Actual Cost    |
|                  | Total for all systems | \$3,858,491.88              | \$4,076,590.88 |
|                  |                       |                             | \$2,118,126.97 |

| 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.

**Trevor  
Wiseman**  
*VP of  
Technology*

12/18/2019

| 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> <li>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.</li> </ol> |          |

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.

|  |   |
|--|---|
| <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>Trevor Wiseman</b><br/> <i>VP of Technology</i></p> <p>12/18/2019</p> |

## Attachments