



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **35434** | Service: **DTV** | Call **KOTV-DT** | Channel: **26 (UHF)**
ID: | Sign:
File **0000028007**
Number:
FRN: **0015452238** | Date **12/21**
Submitted: **/2018**

Applicant Information

Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|--------------------------------|--|-------------------|--|---------------------------|
| GRIFFIN LICENSING, L.C. | Trevor Wiseman 7401 N. KELLEY AVENUE OKLAHOMA CITY, OK 73111 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 |
|---|--|--------------------------|
| Existing Transmitter Description | Type of change | Purchase New |
| | Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is this transmitter currently shared with another station? | No |
| | Is this transmitter currently in operating condition? | Yes |
| Existing Transmitter Manufacturer and Type | Manufacturer | |
| | Model | CDP3260P2 |
| | Year | 2001 |
| | Type | Inductive 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-100 |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 63 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 |
| Transmitter Building Addition/Modification or Leasehold Improvement | Does the Transmitter Building require an addition, modification, other leasehold improvement? | No |
| | Size | N/A |
| Channel 14 Costs | Is an RF Consulting Engineer needed? | N/A |
| | Is a channel 14 Mask Filer needed? | N/A |
| | Is additional field engineering time needed? | N/A |
| | Number of Days | N/A |

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 Description | Type of change | Purchase New |
| | Antenna Use | Auxiliary (Backup) |
| | Description of Use | Auxiliary (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 Manufacturer and Type | Class | Full Power |
| | Mounting | Side Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Horizontal |
| | Type | Slotted Coaxial |
| | Number of Stations Supported | N/A |
| | Number of Panels | N/A |
| | Design power capacity in use | N/A |
| | Lower Limit | N/A |
| | Upper Limit | N/A |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 869.6 kW |

| | |
|--------------|--------------------|
| Manufacturer | |
| Model | TFU-28DSC- R O4 |
| Year | 2008 |

**Auxiliary
Antenna**

New Antenna Costs

| Section | Question | Response |
|---|--|--------------------|
| New Antenna Description | Use | Auxiliary (Backup) |
| | Description of Use | Auxiliary (Backup) |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | Yes |
| | Ownership | Owned |
| | Owner | N/A |
| | Is antenna shared? | No |
| | Is antenna directional? | No |
| | Will antenna be located on or in close proximity to an antenna farm? | No |
| New Antenna Manufacturer and Types | Class | Full Power |
| | Mounting | Side Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Elliptical |
| | Type | Slotted Coaxial |
| | Number of Stations Supported | N/A |
| | Number of Panels/Bays | N/A |
| | Lower Limit | N/A |
| | Upper Limit | N/A |
| | Design power capacity in use | N/A |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 730.0 kW |
| | Manufacturer | |

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

Auxiliary Antenna

Other Antenna Costs

| Section | Question | Response |
|------------------------------------|---|----------------------------|
| Combiner for Shared Antenna | Do you need a Combiner for a Shared Antenna? | No |
| | Type | |
| | Number of channels supported | N/A |
| | Frequencies of channels supported | N/A |
| | Frequency | N/A |
| | Do you need a combiner output splitter /switcher for dual feed lines? | N/A |
| Elbow Complex | Do you require the separate purchase of the Elbow Complex? | Yes |
| | Broadband or Single Channel? | Broadband |
| | Feed Line Size | 7 3/16 inches inches |
| Side Mount Brackets | Do you require the separate purchase of side mount brackets for a high power antenna? | Yes |
| Pattern Scatter Analysis | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | Yes |
| Sweep Test | 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 Description | Type of change | Purchase New |
| | Antenna Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is the existing antenna shared with another station or stations? | No |
| | Is the existing antenna directional? | No |
| | Is antenna in operating condition? | Yes |
| | Is antenna located on or in close proximity to an antenna farm? | No |
| Existing Antenna Manufacturer and Type | Class | Full Power |
| | Mounting | Top Mount |
| | Antenna position in stack | Bottom |
| | Polarization | Elliptical |
| | Type | Slotted Coaxial |
| | Number of Stations Supported | N/A |
| | Number of Panels | N/A |
| | Design power capacity in use | N/A |
| | Lower Limit | N/A |
| | Upper Limit | N/A |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 840.0 kW |

| | |
|--------------|--------------------|
| Manufacturer | |
| Model | TFU-30GBH- 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? | Yes |
| | Ownership | Owned |
| | Owner | N/A |
| | Is antenna shared? | No |
| | Is antenna directional? | No |
| | Will antenna be located on or in close proximity to an antenna farm? | No |
| | New Antenna Manufacturer and Types | Class |
| 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) | | 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 |
|------------------------------------|---|---------------------|
| Combiner for Shared Antenna | Do you need a Combiner for a Shared Antenna? | No |
| | Type | |
| | Number of channels supported | N/A |
| | Frequencies of channels supported | N/A |
| | Frequency | N/A |
| | Do you need a combiner output splitter /switcher for dual feed lines? | N/A |
| Elbow Complex | Do you require the separate purchase of the Elbow Complex? | Yes |
| | Broadband or Single Channel? | Single Channel |
| | Feed Line Size | 6 1/8 inches inches |
| Side Mount Brackets | Do you require the separate purchase of side mount brackets for a high power antenna? | No |
| Pattern Scatter Analysis | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | No |
| Sweep Test | Do you require the sweep testing of transmission line and antenna? | Yes |

**Primary
Antenna**

Other Antenna Cost Not Listed

Information not provided.

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

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 |
|---|--|-------------------|
| Existing Transmission Line Description | Type of change | Purchase New |
| | Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is the existing transmission line shared with another station or stations? | No |
| | Is Transmission Line in operating condition? | Yes |
| Existing Transmission Line Manufacturer and Type | Manufacturer | |
| | Type | Rigid |
| | Diameter | 6 1/8 inches |
| | Other Diameter | N/A |
| | Segment Length | 19 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 |
|-------------|-----------|---------|
| 37099 | KWHB | DTV |
| 66586 | KWGS | FM |
| 66195 | KOED-TV | DTV |
| 81517 | KWTU | FM |
| 59439 | KJRH-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 documented tower |
| Tower Reinforcements | Please select whether tower reinforcements are needed: | Minor Reinforcements needed |

Primary Tower

Tower Rigging Costs

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

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

Primary Tower

Other Tower Expenses Not Listed

| Name | Description |
|-------------------------------|---------------------------|
| Auxiliary antenna replacement | Replace auxiliary antenna |

Outside Professional Services Costs

| Section | Question | Response |
|---|--|---------------------------------------|
| Outside Project Management Services | Do you require outside project management services? | Yes |
| | Number of Hours | 711 |
| | Explanation | Please see Transition Plan Narrative. |
| Outside RF consulting Engineering Services | Perform engineering study for new channel assignment and antenna development | Yes |
| | Prepare engineering section of Form FCC Construction Permit Application | Yes |
| | For Auxiliary Facility | 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 |
| Attorney and Other Outside Consulting Services | 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 |
| RF Field Engineering Services | Comprehensive coverage verification via field study | Yes |
| | RF exposure measurements | Yes |
| | Additional Field Engineering Service | No |
| | Number of Days | N/A |
| | Justification | N/A |

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

| 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 |
|------|-------------|
|------|-------------|

| | |
|--|---|
| Attorney Fee - FCC Filing Fee | FCC Filing fees associated with Repack. |
| Aux Antenna - RFreight | Aux Antenna - RFreight, shipping, and handling as per Dielectric invoice attached SO 87002 KOTV Invoice MAN00153.pdf line item 30. |
| Main Antenna - RFreight | Main Antenna - RFreight, shipping, and handling as per Dielectric invoice attached SO 87002 KOTV Invoice MAN00153.pdf line item 32. |
| Transmitter Shipping-Handling | Shipping - Handling for GatesAir Transmitter as per attached quote - KOTVULXTE80.pdf |
| Attorney Fee - Review Work Form 387 | Review and Work on Form 387 for KO |

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-100 | \$1,409,900.00 | \$1,407,400.00 | | \$453,919.37 | |
| 3" Rigid Conduit and Wiring (Cost per foot) | \$10,400.00 | \$9,800.00 | N/A | N/A | N/A |
| UHF - Liquid Cooled Solid State Transmitter 63 kW | <i>\$1,361,300.00</i> | \$1,361,300.00 | See Gates Air quotes for ULXTE80 and ULXTE80to100 upgrade for base and upgrade. This quote does not include Installation and Commissioning. Installation and commission is handled by MARSAND. | \$453,919.37 | N/A |
| Switchgear - industrial 800 amp | \$38,200.00 | \$36,300.00 | N/A | N/A | N/A |
| Sub-total | \$1,409,900.00 | \$1,407,400.00 | N/A | \$453,919.37 | N/A |
| Total for all systems | \$3,775,019.00 | \$3,958,876.00 | N/A | \$777,930.03 | N/A |

Components

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

| | |
|--|--|
| 3" Rigid Conduit and Wiring (Cost per foot) | Information not provided. |
| UHF - Liquid Cooled Solid State Transmitter 63 kW | <p data-bbox="735 293 1043 322">Component Description:</p> <p data-bbox="1177 293 1394 479">GatesAir 1/3 ARO - down payment for transmitter - As per Quote GA- 00023857</p> <p data-bbox="735 495 847 524">Amount:</p> <p data-bbox="1177 495 1326 524">\$453,919.37</p> |
| Switchgear - industrial 800 amp | Information not provided. |

Cost Information

Antennas

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|-----------------------------|---------------------|--|---------------------|---------------------------|
| Primary Antenna TFU-25JBH /VP-R 08 | \$308,530.00 | \$538,520.00 | | \$127,104.45 | |
| Elbow complex, single channel, at antenna input, per 6 1 /8. feedline (if needed) | \$12,300.00 | \$31,920.00 | Please see transition plan narrative and attached Dielectric Main Antenna Quote for base and upgrade. | \$3,950.10 | 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. | \$121,042.35 | N/A |

| | | | | | |
|--|---------------------|---------------------|---|--------------------|-----|
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | Please see transition plan narrative and attached Dielectric Main Antenna Quote for base and upgrade. | \$2,112.00 | N/A |
| Auxiliary Antenna TFU-30DSC O4A | \$316,390.00 | \$313,800.00 | | \$64,571.10 | |
| UHF - High Power, Side Mount, basic slot antenna, 730 kW input, elliptically or circularly polarized | <i>\$264,400.00</i> | \$264,400.00 | See Transition Plan Narrative and attached Dielectric Aux Antenna Quote for base and upgrade. | \$53,088.75 | 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. | \$2,112.00 | 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. | \$3,950.10 | N/A |
| Side mount brackets for high power antennas (if not included in antenna base cost) | \$23,150.00 | \$22,000.00 | N/A | \$5,420.25 | N/A |
| 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 |
| Sub-total | \$624,920.00 | \$852,320.00 | N/A | \$191,675.55 | N/A |
| Total for all systems | \$3,775,019.00 | \$3,958,876.00 | N/A | \$777,930.03 | N/A |

Components

| Actual Information | |
|--|---|
| Description | File Name |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed) | <p>Component Description: Elbow Complex 6-75 Digit KOTV Main. Item 4 on invoice - first 33%</p> <p>Amount: \$3,950.10</p> |

| | |
|---|---|
| <p>UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized</p> | <p>Component Description: UHF Main Antenna, VPOL, Top Plate. Items 1,2,3 on invoice. First 33%.</p> <p>Amount: \$121,042.35</p> |
| <p>Sweep test of existing antenna</p> | <p>Component Description: Sweep - on-site for KOTV Main. Item 33 on invoice, first 33%.</p> <p>Amount: \$2,112.00</p> |
| <p>UHF - High Power, Side Mount, basic slot antenna, 730 kW input, elliptically or circularly polarized</p> | <p>Component Description: UHF - Side Mount Aux Antenna KOTV. Item 24 invoice. First 33%</p> <p>Amount: \$53,088.75</p> |
| <p>Sweep test of existing antenna</p> | <p>Component Description: Sweep on-site KOTV Aux. Item 31 on invoice. First 33%.</p> <p>Amount: \$2,112.00</p> |
| <p>Elbow complex, broadband, at antenna input, per 7 3/16. feedline (if needed)</p> | <p>Component Description: Elbow complex 6-75 KOTV Aux, item 27 on invoice. First 33%.</p> <p>Amount: \$3,950.10</p> |

| | |
|---|--|
| <p>Side mount brackets for high power antennas (if not included in antenna base cost)</p> | <p>Component Description: KOTV Aux Side Mounts, also includes scatter study. Item 26 on invoice. First 33%</p> <p>Amount: \$5,420.25</p> |
| <p>Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)</p> | <p>Information not provided.</p> |

Cost Information

Transmission Line

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|-----------------------------|-----------------------|--|---------------------|---------------------------|
| Primary Transmission Line | \$393,900.00 | \$404,600.00 | | \$105,218.93 | |
| Rigid Transmission Line - copper, 6 1/8" | \$393,900.00 | \$404,600.00 | Please see transition plan narrative and attached Dielectric Main Antenna Quote for base and upgrade. | \$105,218.93 | N/A |
| Auxiliary Transmission Line | \$6,400.00 | \$6,400.00 | | \$0.00 | |
| Sweep Test | <i>\$6,400.00</i> | \$6,400.00 | Transmission line manufacturer recommends testing the line for ability to support post-auction channel 26. See attached Auxiliary line sweep recommendation. | \$0.00 | N/A |
| Sub-total | \$400,300.00 | \$411,000.00 | N/A | \$105,218.93 | N/A |
| Total for all systems | \$3,775,019.00 | \$3,958,876.00 | N/A | \$777,930.03 | N/A |

Components

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

| | |
|--|--|
| Rigid Transmission Line - copper, 6 1/8" | <p data-bbox="730 174 1034 210">Component Description:</p> <p data-bbox="1169 174 1398 405">Rigid Transmission Line, TLSCR's, Reducer, and Test port. Items 5, 9, 28, and 29 on invoice. First 33%.</p> <p data-bbox="730 416 839 452">Amount:</p> <p data-bbox="1169 416 1318 452">\$105,218.93</p> |
| Sweep Test | Information not provided. |

Cost Information

Tower Equipment and Rigging Costs

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|-----------------------------|-----------------------|---|---------------------|---------------------------|
| Primary Tower TOWER | \$791,600.00 | \$762,000.00 | | \$0.00 | |
| Minor tower reinforcement /modifications | \$158,000.00 | \$150,000.00 | N/A | N/A | N/A |
| Structural engineering tower load study for well documented tower | \$12,600.00 | \$12,000.00 | N/A | N/A | N/A |
| Auxiliary antenna replacement | <i>\$200,000.00</i> | \$200,000.00 | N/A | \$0.00 | N/A |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | \$421,000.00 | \$400,000.00 | Tower has a stacked antennas. Please see transition plan narrative. | N/A | N/A |
| Sub-total | \$791,600.00 | \$762,000.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$3,775,019.00 | \$3,958,876.00 | N/A | \$777,930.03 | N/A |

Components

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 |
|--|-----------------------------|---------------------|------------------------------|--------------------|---|
| Outside Professional Services | \$416,793.00 | \$403,500.00 | | \$16,260.50 | |
| 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 |
| Prepare and or review reimbursement form | \$2,630.00 | \$2,500.00 | N/A | \$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. |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00 | \$5,000.00 | N/A | \$1,261.00 | 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 |
| Transmitter Installation | \$160,600.00 | \$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 |
| Comprehensive coverage verification via field study, if needed | \$84,200.00 | \$80,000.00 | 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 |
| Prepare request for Special Temporary Authorization | \$2,050.00 | \$1,500.00 | N/A | N/A | N/A |
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application | \$1,580.00 | \$1,500.00 | N/A | N/A | N/A |

| | | | | | |
|---|---------------------|---------------------|------------|--------------------|------------|
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | \$1,580.00 | \$1,500.00 | N/A | N/A | N/A |
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit 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 |
| Address transition timing and coordination issues w/ other stations and wireless | \$2,630.00 | \$2,500.00 | N/A | N/A | N/A |
| Project management of the transition | \$112,338.00 | \$106,650.00 | N/A | N/A | N/A |
| Sub-total | \$416,793.00 | \$403,500.00 | N/A | \$16,260.50 | N/A |

| | | | | | |
|------------------------------|----------------|----------------|-----|--------------|-----|
| Total for all systems | \$3,775,019.00 | \$3,958,876.00 | N/A | \$777,930.03 | N/A |
|------------------------------|----------------|----------------|-----|--------------|-----|

Components

| Actual Information | |
|--|--|
| Description | File Name |
| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application | <p>Component Description: Prepare draft app for new aux system, FCC Form 2100 aux antenna, finalize and file form 2100 aux antenna for KOTV.</p> <p>Amount: \$767.00</p> |
| Prepare and or review reimbursement form | <p>Component Description: Work on FCC form 399 for KOTV, submit FCC form 399 and minor mod app and download full file copies.</p> <p>Amount: \$401.00</p> |
| | <p>Component Description: KOTV Form 399 Preparation</p> <p>Amount: \$291.00</p> |
| | <p>Component Description: Prepare and/or review reimbursement form.</p> <p>Amount: \$2,500.00</p> |

| | |
|---|--|
| <p>Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application</p> | <p>Component Description: Combined work on FCC form 2100 and 399. Finalize and file FCC form 2100 and 399 for KOTV.</p> <p>Amount: \$436.50</p> <p>Component Description: FCC Form 2100 construction permit app for KOTV</p> <p>Amount: \$630.50</p> <p>Component Description: Attorney call and prep work regarding KOTV FCC Form 2100 and 399.</p> <p>Amount: \$194.00</p> |
| <p>Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application</p> | <p>Component Description: Form 2100 - Schedule A Modificatoin App / Draft App to reassign to new channel pursuant to post-auction repack.</p> <p>Amount: \$440.50</p> |
| <p>Transmitter Installation</p> | <p>Information not provided.</p> |
| <p>RF Exposure Measurements</p> | <p>Information not provided.</p> |
| <p>Comprehensive coverage verification via field study, if needed</p> | <p>Information not provided.</p> |
| <p>Attorney Fees - Prepare and File request for Special Temporary Authorization</p> | <p>Information not provided.</p> |
| <p>Prepare request for Special Temporary Authorization</p> | <p>Information not provided.</p> |

| | | |
|---|---|---|
| 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 | Component Description: Amount: | Prepare engineering section of FCC Form 2100, CP (AUX). \$1,850.00 |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | Component Description: Amount: | Prepare engineering section of FCC Form 2100, CP Main \$2,250.00 |
| Perform engineering study for new channel assignment and antenna development | Component Description: Amount: | Perform engineering study for new channel assignment and antenna development - complex system: multi-channel, shared combiner, multi-tenant site \$6,500.00 |
| Address transition timing and coordination issues w/ other stations and wireless | Information not provided. | |
| Project management of the transition | 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 |
|---|-----------------------------|---------------------|--|--------------------|
| Other Expenses | \$131,506.00 | \$122,656.00 | | \$10,855.68 |
| Attorney Fee - Review Work Form 387 | <i>\$1,000.00</i> | \$1,000.00 | Attorney Fees associated with reviewing FCC Form 387 for KOTV. | \$297.00 |
| Transmitter Shipping-Handling | <i>\$13,500.00</i> | \$13,500.00 | Shipping - Handling for GatesAir Transmitter as per attached quote - KOTVULXTE80.pdf | N/A |
| Main Antenna - RFreight | <i>\$22,318.00</i> | \$22,318.00 | Main Antenna - RFreight, shipping, and handling as per Dielectric invoice attached SO 87002 KOTV Invoice MAN00153.pdf line item 32. | \$7,364.94 |
| Aux Antenna - RFreight | <i>\$9,678.00</i> | \$9,678.00 | Aux Antenna - RFreight, shipping, and handling as per Dielectric invoice attached SO 87002 KOTV Invoice MAN00153.pdf line item 30. | \$3,193.74 |
| Attorney Fee - FCC Filing Fee | <i>\$1,070.00</i> | \$1,070.00 | FCC Filing Fees - KOTV Repack - Attorney fees | \$0.00 |
| MVPD Notification of Channel Change | <i>\$750.00</i> | \$750.00 | Please see attached MVPD Notification Quote. | N/A |
| Develop and air announcement of upcoming channel change | <i>\$43,000.00</i> | \$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) | \$27,000.00 | \$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. | \$0.00 |
| 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 |
| FCC Filing Fees - Special Temporary Authorization request | \$195.00 | \$190.00 | N/A | N/A |
| Sub-total | \$131,506.00 | \$122,656.00 | N/A | \$10,855.68 |
| Total for all systems | \$3,775,019.00 | \$3,958,876.00 | N/A | \$777,930.03 |

Components

Actual Information
Description

File Name

| | | | | | | | | | | | | | |
|--|---|-------------------------------|---|----------------|------------|-------------------------------|----------------------|----------------|----------|-------------------------------|--|----------------|---------|
| <p>Attorney Fee - Review Work Form 387</p> | <table> <tr> <td data-bbox="738 174 1161 208">Component Description:</td> <td data-bbox="1177 174 1441 286">Work on KOTV FCC Form 387 quarterly filing.</td> </tr> <tr> <td data-bbox="738 297 1161 331">Amount:</td> <td data-bbox="1177 297 1441 331">\$100.00</td> </tr> <tr> <td data-bbox="738 439 1161 472">Component Description:</td> <td data-bbox="1177 439 1441 506">Review KOTV Form 387</td> </tr> <tr> <td data-bbox="738 517 1161 551">Amount:</td> <td data-bbox="1177 517 1441 551">\$100.00</td> </tr> <tr> <td data-bbox="738 658 1161 692">Component Description:</td> <td data-bbox="1177 658 1441 815">Review draft KOTV schedule 387 3Q 2017 report.</td> </tr> <tr> <td data-bbox="738 826 1161 860">Amount:</td> <td data-bbox="1177 826 1441 860">\$97.00</td> </tr> </table> | Component Description: | Work on KOTV FCC Form 387 quarterly filing. | Amount: | \$100.00 | Component Description: | Review KOTV Form 387 | Amount: | \$100.00 | Component Description: | Review draft KOTV schedule 387 3Q 2017 report. | Amount: | \$97.00 |
| Component Description: | Work on KOTV FCC Form 387 quarterly filing. | | | | | | | | | | | | |
| Amount: | \$100.00 | | | | | | | | | | | | |
| Component Description: | Review KOTV Form 387 | | | | | | | | | | | | |
| Amount: | \$100.00 | | | | | | | | | | | | |
| Component Description: | Review draft KOTV schedule 387 3Q 2017 report. | | | | | | | | | | | | |
| Amount: | \$97.00 | | | | | | | | | | | | |
| <p>Transmitter Shipping-Handling</p> | <p>Information not provided.</p> | | | | | | | | | | | | |
| <p>Main Antenna - RFreight</p> | <table> <tr> <td data-bbox="738 1059 1161 1093">Component Description:</td> <td data-bbox="1177 1059 1441 1417">Main Antenna Freight, Shipping, and Handling - 1/3 ARO invoice amount as per invoice line item 32 - SO 827002 KOTV Invoice MAN00153.pdf</td> </tr> <tr> <td data-bbox="738 1429 1161 1462">Amount:</td> <td data-bbox="1177 1429 1441 1462">\$7,364.94</td> </tr> </table> | Component Description: | Main Antenna Freight, Shipping, and Handling - 1/3 ARO invoice amount as per invoice line item 32 - SO 827002 KOTV Invoice MAN00153.pdf | Amount: | \$7,364.94 | | | | | | | | |
| Component Description: | Main Antenna Freight, Shipping, and Handling - 1/3 ARO invoice amount as per invoice line item 32 - SO 827002 KOTV Invoice MAN00153.pdf | | | | | | | | | | | | |
| Amount: | \$7,364.94 | | | | | | | | | | | | |
| <p>Aux Antenna - RFreight</p> | <table> <tr> <td data-bbox="738 1597 1161 1630">Component Description:</td> <td data-bbox="1177 1597 1441 1955">Aux Antenna Freight, Shipping, and Handling - 1/3 ARO invoice amount as per invoice line item 30 - SO 827002 KOTV Invoice MAN00153.pdf</td> </tr> <tr> <td data-bbox="738 1966 1161 2000">Amount:</td> <td data-bbox="1177 1966 1441 2000">\$3,193.74</td> </tr> </table> | Component Description: | Aux Antenna Freight, Shipping, and Handling - 1/3 ARO invoice amount as per invoice line item 30 - SO 827002 KOTV Invoice MAN00153.pdf | Amount: | \$3,193.74 | | | | | | | | |
| Component Description: | Aux Antenna Freight, Shipping, and Handling - 1/3 ARO invoice amount as per invoice line item 30 - SO 827002 KOTV Invoice MAN00153.pdf | | | | | | | | | | | | |
| Amount: | \$3,193.74 | | | | | | | | | | | | |

| | |
|--|---|
| Attorney Fee - FCC Filing Fee | <p>Component Description: KOTV Repack FCC Filing Fees - Attorney Fees</p> <p>Amount: \$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) | 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. |
| FCC Filing Fees - Special Temporary Authorization request | Information not provided. |

| Cost Information | Grand Total | | |
|------------------------------|-----------------------------|----------------|--------------|
| | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
| Total for all systems | \$3,775,019.00 | \$3,958,876.00 | \$777,930.03 |

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

| Certification | Section | Question | Response |
|---------------|---|--|----------|
| | <p>Submission of Estimated Expenses Statements</p> | <p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1), AND /OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p> | |
| | | <ol style="list-style-type: none"> <li data-bbox="762 779 1054 1093">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 data-bbox="762 1122 1034 1368">2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. <li data-bbox="762 1397 1050 1675">3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount. | |

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

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 Wisman
VP of Technology

12/21/2018

| Certification | Section | Question | Response |
|---------------|--|--|----------|
| | <p>Submission of Actual Cost Documentation Statements</p> | <p>WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1), AND /OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).</p> | |
| | | <ol style="list-style-type: none"> 1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. 3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount. | |

5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD) .
6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.
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>Trevor Wiseman <i>VP of Technology</i></p> <p>12/21/2018</p> |

Attachments