



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **25382** | Service: **DTV** | Call **KWTV-DT** | Channel: **25 (UHF)** |
ID:
File **0000028014**
Number:
FRN: **0015452238** | Date **11/09**
Submitted: **/2017**

Applicant Information

Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|--|---|-------------------|--|---------------------------|
| GRIFFIN LICENSING, L.L.C. Doing Business As: GRIFFIN LICENSING, L.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 the 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 | CDP3200P3 |
| | Year | 2005 |
| | Type | Inductive Output Tube |
| | IOT Power Type | Three |
| | Power Capacity | 66 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 | 62.9 kW |
| | Justification for New Transmitter | Transmitter cannot be retuned to its post-auction channel. Please see attached "GatesAir_Channel_Change_Notice.pdf". |

**Primary
Transmitter**

Other Transmitter Costs

| Section | Question | Response |
|---------------------------|--|----------|
| Electrical Service | Service Entrance (3 phases 800A 208V) | Yes |
| | Switchgear (industrial 800 amp) | Yes |
| | Transformer (480V) | No |
| | Power | N/A |
| | Rigid Conduit and Wiring | No |
| | Size | N/A |
| | Length | N/A |
| | 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 |

**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? | Yes |
| | Is antenna in operating condition? | Yes |
| | Is antenna located on or in close proximity to an antenna farm? | Yes |
| Existing Antenna Manufacturer and Type | Class | Full Power |
| | Mounting | Top 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) | 1000.0 kW |
| | | |

| | |
|--------------|---------------------|
| Manufacturer | |
| Model | ATW25H3- HTO-39S |
| Year | 2001 |

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? | Yes |
| | Will antenna be located on or in close proximity to an antenna farm? | Yes |
| New Antenna Manufacturer and Types | Class | Full Power |
| | Mounting | Top Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Elliptical |
| | Type | Slotted Coaxial |
| | Number of Stations Supported | N/A |
| | Number of Panels/Bays | N/A |
| | Lower Limit | N/A |
| | Upper Limit | N/A |
| | Design power capacity in use | N/A |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 1000.0 kW |
| | Manufacturer | |
| | | |

| | |
|-------------------------------|---|
| Model | TFU-22GTH /VP-R 06 |
| Year | 2018 |
| Justification for New Antenna | Antenna is slotted coaxial and cut to a single channel. As such, it is not retunable. |

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 | 8 3/16 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.

**Interim
Antenna**

New Antenna Costs

| Section | Question | Response |
|--|--|-----------------------|
| New Antenna Description | Use | Interim |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | 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? | Yes |
| New Antenna Manufacturer and Type | Class | Full Power |
| | Mounting | Side Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Horizontal |
| | Type | Broadband Slot |
| | Number of Stations Supported | 2 |
| | Number of Panels/Bays | 26 |
| | Lower Limit | 527.00 MHz |
| | Upper Limit | 539.00 MHz |
| | Design power capacity in use | 100.0 % |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 1000.0 kW |
| | Manufacturer | |
| | Model | TFU-26DSC /VP-R O4 |
| | Year | 2018 |

| | | |
|--|-------------------------------|---|
| | Justification for New Antenna | Interim antenna to operate lower on the tower on the post-auction channel in order to meet the construction deadline. |
|--|-------------------------------|---|

Interim Antenna

Other Antenna Costs

| Section | Question | Response |
|--------------------------|---|---------------|
| Elbow Complex | Do you require the separate purchase of the Elbow Complex? | Yes |
| | Broadband or Single Channel? | S |
| | Feed Line Size | 8 3/16 inches |
| Side Mount Brackets | Do you require the separate purchase of side mount brackets for an 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 |

Enter a list of RF channel numbers.

| RF Channel Number |
|-------------------|
| 25 |
| 23 |

Interim Antenna

Other Antenna Cost Not Listed

Information not provided.

Transmission Line

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

Primary
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 | 8 3/16 inches |
| | Other Diameter | N/A |
| | Segment Length | 20 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 1860 feet per run |

Primary **New Transmission Line**
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 | 8 3/16 inches |
| | Other Diameter | N/A |
| | Segment Length | 19 1/2 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 1860 feet per run |
| | Justification for New Transmission Line | Existing rigid line section length of 20 ft. is a prohibited length on the new channel 25. |

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

Information not provided.

Interim Transmission Line

New Transmission Line

| Section | Question | Response |
|------------------------------------|---|--|
| New Transmission Line Costs | Use | Interim |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Type | Rigid |
| | Diameter | 8 3/16 inches |
| | Segment Length | 19 ½ ' |
| | Other Segment Length | |
| | Number of parallel runs | 1 |
| | Length | 1400 feet per run |
| | Justification for New Transmission Line | Interim transmission line to connect the transmitter to the interim antenna for the post-auction channel in order to meet the construction deadline. |

Interim Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

**Tower
Equipment
And Rigging
Costs**

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

**Primary
Tower**

Existing Tower

| Section | Question | Response |
|---|---|-------------------|
| Existing Tower Description | Type of change | Modify Existing |
| | Tower Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Leased |
| | Is this tower consider Complex? | Candelabra |
| | Is this tower currently shared with any other stations? | Yes |
| | One or more FM, AM or TV radio broadcaster(s) | Yes |
| | Others Types of Users | Yes |
| | Is tower documented for structural analysis? | Unknown |
| | Is tower compliant with Rev G? | Unknown |
| Existing Tower Structure Registration | Do you have a tower registration number? | Yes |
| | ASR Number | 1045226 |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 35° 35' 52.1" N- |
| | Longitude (NAD83) | 097° 29' 23.2" W- |
| | Overall Structure Height | 1646.96 feet |
| | Support Structure Height | 1549.85 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 1102.02 feet |

| | | |
|--|------------------|---|
| | Structure Type | GTOWER - Guyed Structure Used for Communication Purposes |
| | Tower Owner | American Towers, LLC. |
| | Date Constructed | 02/01/1999 |

**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 |
|-------------|-----------|---------|
| 66222 | KFOR-TV | DTV |
| 50182 | KAUT-TV | DTV |
| 50205 | KETA-TV | DTV |
| 2566 | KOPX-TV | DTV |
| 38214 | KSBI | DTV |
| 84225 | KOCM | DTV |

Other Types of Users

| Users |
|----------------|
| K213EM 90.5MHz |
| KBRU 94.7MHz |
| KJYO 102.7MHz |
| KTST 101.9MHz |
| KXXY 96.1MHz |

Primary
Tower

Tower Modification Costs

| Section | Question | Response |
|----------------------|--|--|
| Engineering Study | Please what type of engineering study is required, if any: | Study needed for tower with candelabra |
| Tower Reinforcements | Please select whether tower reinforcements are needed: | No reinforcements needed |

Primary
Tower

Tower Rigging Costs

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

Primary
Tower

Other Tower Expenses Not Listed

| Name | Description |
|----------------------|--|
| Interim Installation | Install interim antenna and transmission line. |

**Outside
Professional Services Costs**

| Section | Question | Response |
|---|--|--|
| Outside Project Management Services | Do you require outside project management services? | Yes |
| | Number of Hours | 850 |
| | Explanation | Tower owner will have project manager assigned to coordinate installation. The station has multiple transmitter sites (4TV & 44TV Translators) and operates with minimal staff. It does not have personnel available or trained for any of these tasks /services |
| 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 | 2 |
| | 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 | 2 |
| | 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 | Yes |
| | Prepare or Review FCC Form 399 for Reimbursement | Yes |
| | Address transition timing and coordination issues w/ other stations and wireless providers | Yes |
| RF Field Engineering Services | Comprehensive coverage verification via field study | Yes |
| | RF exposure measurements | Yes |
| | Additional Field Engineering Service | No |

| | | |
|--|----------------|-----|
| | Number of Days | N/A |
| | Justification | N/A |

Outside Other Professional Services Expenses Not Listed
Professional Services Costs Services not provided.

Other Expenses

| Section | Question | Response |
|-------------------------------------|--|----------|
| AM Pattern Disturbance | Is an Impact Study needed? | No |
| | Is Remediation needed? | No |
| Facility Expenses | Name | N/A |
| | Other Distributed Transmission System Expenses Not listed | N/A |
| | Name | N/A |
| | Is Notification of a Medical Facility required as a result of DTV broadcasting? | Yes |
| Permit and Filing Costs | Local Zoning | Yes |
| | Non-zoning permits | 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? | Yes |
| | 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

Information not provided.

Cost
Information

Transmitters

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|-----------------------------|----------------|------------------------------|--------------|---------------------------|
| Primary Transmitter ULXTE-100 | \$1,978,754.33 | \$1,976,154.33 | | \$596,032.77 | |
| Switchgear - industrial 800 amp | \$38,200.00 | \$36,300.00 | N/A | \$0.00 | N/A |
| Service entrance 3 phase/800 amp/208 volt | \$14,400.00 | \$13,700.00 | N/A | N/A | N/A |
| UHF - Liquid Cooled Solid State Transmitter 62.9 kW | \$1,926,154.33 | \$1,926,154.33 | N/A | \$596,032.77 | N/A |
| Sub-total | \$1,978,754.33 | \$1,976,154.33 | N/A | \$596,032.77 | N/A |
| Total for all systems | \$5,028,335.33 | \$4,715,198.58 | N/A | \$607,282.77 | N/A |

Components

| Actual Information | |
|--|---------------------------|
| Description | File Name |
| Switchgear - industrial 800 amp | Information not provided. |
| Service entrance 3 phase /800 amp/208 volt | Information not provided. |

| | | | | | |
|--|--|-------------------------------|--|----------------|--------------|
| UHF - Liquid Cooled Solid State Transmitter 62.9 kW | <table><tr><td data-bbox="719 91 1134 389">Component Description:</td><td data-bbox="1134 91 1453 389">Down payment for transmitter. 1/3 ARO.</td></tr><tr><td data-bbox="719 389 1134 389">Amount:</td><td data-bbox="1134 389 1453 389">\$596,032.77</td></tr></table> | Component Description: | Down payment for transmitter. 1/3 ARO. | Amount: | \$596,032.77 |
| Component Description: | Down payment for transmitter. 1/3 ARO. | | | | |
| Amount: | \$596,032.77 | | | | |

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 |
|--|--------------------------------|-------------------|------------------------------------|-------------|------------------------------|
| Interim Antenna TFU-26DSC /VP-R O4 | \$319,390.00 | \$339,350.50 | | \$0.00 | |
| 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 |
| Side mount brackets for high power antennas (if not included in antenna base cost) | \$23,150.00 | \$21,750.00 | N/A | N/A | N/A |
| Elbow complex, single channel, at antenna input, per 8 3/16. feedline (if needed) | \$15,250.00 | \$13,582.50 | N/A | N/A | N/A |

| | | | | | |
|--|---------------------|---------------------|--|---------------|-----|
| New combiner, cost per channel (without antenna) | \$84,200.00 | \$107,818.00 | 2 channel combiner. | N/A | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | N/A | N/A |
| UHF - High Power, Side Mount, basic slot antenna, 26 bay,, 1000 kW input, horizontally polarized | \$184,800.00 | \$184,800.00 | This is the price the antenna was quoted from the manufacture. | N/A | N/A |
| Primary Antenna TFU-22GTH /VP-R 06 | \$311,480.00 | \$282,580.00 | | \$0.00 | |
| Elbow complex, single channel, at antenna input, per 8 3/16. feedline (if needed) | \$15,250.00 | \$44,400.00 | This antenna has a more complicated elbow complex due to being installed on a top mount of a candelabra tower. | N/A | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | N/A | N/A |

| | | | | | |
|--|----------------|----------------|--|--------------|-----|
| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized | \$289,500.00 | \$231,780.00 | Upgraded equipment. Station will bear the cost of the difference in price. | N/A | N/A |
| Sub-total | \$630,870.00 | \$621,930.50 | N/A | \$0.00 | N/A |
| Total for all systems | \$5,028,335.33 | \$4,715,198.58 | N/A | \$607,282.77 | N/A |

Components

Information not provided.

Cost
Information

Transmission Line

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|--------------------------------|-------------------|------------------------------------|--------------|------------------------------|
| Interim Transmission Line | \$485,800.00 | \$340,314.75 | | \$0.00 | |
| Rigid Transmission Line - copper, 8 3 /16" | \$485,800.00 | \$340,314.75 | N/A | N/A | N/A |
| Primary Transmission Line | \$645,420.00 | \$549,958.00 | | \$0.00 | |
| Rigid Transmission Line - copper, 8 3 /16" | \$645,420.00 | \$549,958.00 | N/A | N/A | N/A |
| Sub-total | \$1,131,220.00 | \$890,272.75 | N/A | \$0.00 | N/A |
| Total for all systems | \$5,028,335.33 | \$4,715,198.58 | N/A | \$607,282.77 | N/A |

Components

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 GTOWER | \$841,000.00 | \$819,550.00 | | \$0.00 | |
| Structural engineering tower load study for a documented tower with candelabra | \$20,000.00 | \$19,550.00 | As per American Tower Pricing sheet - see attachments | N/A | N/A |
| Interim Installation | <i>\$400,000.00</i> | \$400,000.00 | Install interim antenna and transmission line. | N/A | N/A |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | \$421,000.00 | \$400,000.00 | Estimated cost for replacing stacked, top mount antenna and transmission line on candelabra. | N/A | N/A |
| Sub-total | \$841,000.00 | \$819,550.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$5,028,335.33 | \$4,715,198.58 | N/A | \$607,282.77 | 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 | \$288,095.00 | \$259,130.00 | | \$11,250.00 | |
| 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 | \$2,500.00 | N/A | \$2,500.00 | 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 | \$7,360.00 | \$7,000.00 | N/A | N/A | N/A |

| | | | | | |
|---|------------|------------|-----|--------|-----|
| Attorney Fees - Negotiation of lease and other matters for shared locations | \$4,210.00 | \$4,000.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application | \$2,365.00 | \$2,250.00 | N/A | N/A | N/A |
| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application | \$4,210.00 | \$0.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00 | \$5,000.00 | N/A | N/A | N/A |
| Prepare request for Special Temporary Authorization | \$4,100.00 | \$3,000.00 | 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 | \$0.00 | N/A | \$0.00 | 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 | \$0.00 | 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 |
| Project management of the transition | \$134,300.00 | \$121,380.00 | Marsand - \$111,900 American Tower - \$9480 | N/A | N/A |
| Sub-total | \$288,095.00 | \$259,130.00 | N/A | \$11,250.00 | N/A |
| Total for all systems | \$5,028,335.33 | \$4,715,198.58 | N/A | \$607,282.77 | N/A |

Components

Actual Information

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

| | |
|--|--|
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | <p>Component Description:</p> <p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p> <p>Amount:</p> <p>\$2,250.00</p> |
| Perform engineering study for new channel assignment and antenna development | <p>Component Description:</p> <p>Perform engineering study for new channel assignment and antenna development - complex system: multi-channel, shared combiner, multi-tenant site</p> <p>Amount:</p> <p>\$6,500.00</p> |
| Prepare and or review reimbursement form | <p>Component Description:</p> <p>Prepare and or review reimbursement form</p> <p>Amount:</p> <p>\$2,500.00</p> |
| RF Exposure Measurements | Information not provided. |
| Comprehensive coverage verification via field study, if needed | Information not provided. |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | Information not provided. |
| Attorney Fees - Negotiation of lease and other matters for shared locations | Information not provided. |
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application | Information not provided. |

| | |
|---|---------------------------|
| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application | Information not provided. |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | Information not provided. |
| Prepare request for Special Temporary Authorization | Information not provided. |
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application | Information not provided. |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | Information not provided. |
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application | Information not provided. |
| 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 | \$158,396.00 | \$148,161.00 | | \$0.00 |
| MVPD Notification of Channel Change | <i>\$500.00</i> | \$500.00 | N/A | 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 KWTW GMSRepackRescanEstimate.pdf in the attachments. | N/A |
| Equipment Delivery and Handling Charges | <i>\$68,256.00</i> | \$68,256.00 | Main Antenna - \$22,318 Interm Aux - \$22,318 Combiner - \$6,320 Transmitter - \$17,300 | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <i>\$26,000.00</i> | \$26,000.00 | N/A | N/A |
| Local Zoning | <i>\$7,450.00</i> | \$7,450.00 | As per American Tower Pricing Sheet; see attachments - ATC Repack Services Pricing Includes: Zoning, Permitting, and Tower Permit Drawing Package. | N/A |
| FCC Filing Fees - Special Temporary Authorization request | \$195.00 | \$190.00 | N/A | N/A |

| | | | | |
|--|----------------|----------------|-----|--------------|
| FCC Filing Fees - Form 2100 minor change CP application | \$1,110.00 | \$0.00 | N/A | N/A |
| FCC Filing Fees - Form 2100 license to cover application | \$335.00 | \$325.00 | N/A | N/A |
| DTV Medical Facility Notification | \$11,550.00 | \$2,440.00 | N/A | N/A |
| Sub-total | \$158,396.00 | \$148,161.00 | N/A | \$0.00 |
| Total for all systems | \$5,028,335.33 | \$4,715,198.58 | N/A | \$607,282.77 |

Components

Information not provided.

**Cost
Information**

Grand Total

| | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
|-----------------------|--------------------------------|----------------|--------------|
| Total for all systems | \$5,028,335.33 | \$4,715,198.58 | \$607,282.77 |

Reimbursement Status

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

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

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

| | | |
|--|---|---|
| | <p>8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.</p> | |
| | <p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p> | <p>Trevor Wiseman <i>VP of Technology</i></p> <p>11/09/2017</p> |

Attachments