



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **13938** | Service: **DTV** | Call **WUPL** | Channel: **17 (UHF)** |
ID: | Sign:
File **0000028057**
Number:
FRN: **0013697719** | Date **03/07**
Submitted: **/2019**

Applicant Information

Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|---|--|----------------------|-----------------------|----------------|
| BELO TV, INC. Doing Business As: BELO TV, INC. | Law Department TEGNA Inc. 7950 Jones Branch Drive McLean, VA 22107 United States | +1 (703) 873-6600 | lawdept@tegna. com | Corporation |

Reimbursement Contact Information

Reimbursement Contact Name and Information

| Applicant | Address | Phone | Email |
|----------------|---------|-------|-------|
| [Confidential] | | | |

Preparer Contact Information

Preparer Contact Name and Information

| Applicant | Address | Phone | Email |
|--|---|----------------------|-----------------------------------|
| Jeffrey Johnson , Johnson . <i>Vice President</i> <i>Projects</i> <i>TEGNA Media</i> | Jeffrey Johnson 7950 Jones Branch Drive McLean, VA 22102 United States | +1 (703) 873-6736 | repackreimbursement@tegna. com |

**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 | WUPL will be transitioning to a new primary facility per their new assignment. this will include a new primary antenna, transmission line and transmitter. During this transition WUPL will need to construct an interim facility. |

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 | CD3200P2 |
| | Year | 2004 |
| | Type | Inductive Output Tube |
| | IOT Power Type | Two |
| | Power Capacity | 50 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-60 |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 38.0 kW |
| | Justification for New Transmitter | Station has in excess of 10% TPO headroom and is eligible for a 1-Step-Up Allowance. Reimbursable TPO is 30.7 kW based on initial 90-day filing CP. This would require a ULXTE-50. A 1-Step-Up is the ULXTE-60 and is therefore reimbursable. |

**Primary
Transmitter**

Other Transmitter Costs

| Section | Question | Response |
|--------------------|---------------------------------------|----------|
| Electrical Service | Service Entrance (3 phases 800A 208V) | No |
| | | |

| | | |
|--|---|--|
| | Switchgear (industrial 800 amp) | No |
| | Transformer (480V) | No |
| | Power | N/A |
| | Rigid Conduit and Wiring | Yes |
| | Size | 3 inches |
| | Length | 100.0 feet |
| | Other Electrical Service | Yes |
| | Description | Additional electrical services required for transmitter installation, including heat exchangers, transformers, cooling pumps, etc. |
| HVAC Service | Does the replacement transmitter require HVAC Service? | Yes |
| | Type | Cooling Only |
| | Size | 5 tons |
| | Other Size | N/A |
| Transmitter Building Addition/Modification or Leasehold Improvement | Does the Transmitter Building require an addition, modification, other leasehold improvement? | Yes |
| | Size | 100.0 square feet |
| 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 | Other Transmitter Cost Not Listed |
| Transmitter | 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? | No |
| 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 | TUD-C5SP-10/50U-2-B |
| Year | 2004 |

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? | No |
| 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) | 848.0 kW |
| | Manufacturer | |
| | | |

| | |
|-------------------------------|---------------------------------|
| Model | TFU-21JSC-R C180 |
| Year | 2019 |
| Justification for New Antenna | Old antenna cannot be re-tuned. |

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 |
| 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

| Name | Description |
|----------|-------------|
| Shipping | \$6,800 |

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 | 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 | 1000 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 | 20 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 1000 feet per run |
| | Justification for New Transmission Line | Old line will not work on new channel. |

Primary
Transmission Line

Other Transmission Line Expenses Not Listed

| Name | Description |
|---------------|---|
| TX Line Sweep | Sweep required to verify post-transition channel measures well on new line. |

**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? | No |
| | One or more FM, AM or TV radio broadcaster(s) | N/A |
| | Others Types of Users | N/A |
| | Is tower documented for structural analysis? | No |
| | Is tower compliant with Rev G? | Unknown |
| Existing Tower Structure Registration | Do you have a tower registration number? | No |
| | ASR Number | |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 29° 55' 13.1" N- |
| | Longitude (NAD83) | 090° 01' 28.5" W- |
| | Overall Structure Height | 1033.78 feet |
| | Support Structure Height | 936.67 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 1031.00 feet |
| | | |

| | |
|------------------|---|
| Structure Type | GTOWER - Guyed Structure Used for Communication Purposes |
| Tower Owner | Spectra Site Communication |
| Date Constructed | 04/01/1987 |

Primary Tower

Tower Modification Costs

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

Primary Tower

Tower Rigging Costs

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

Primary Tower

Other Tower Expenses Not Listed

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

Top Plate

Moving from existing tower to WWL tower. Will share tower expenses with WWL. This will result in significant savings to FCC. Top-plate and/or bolt pattern may not work for new top-mount antenna.

**Outside
Professional**

| Section | Question | Response |
|---|--|--|
| Services Costs Outside Project Management Services | Do you require outside project management services? | Yes |
| | Number of Hours | 1250 |
| | Explanation | It will be necessary to schedule and coordinate multiple vendors, complete progress reports, and update Schedule 399s. Station does not have available personnel or personnel trained in project management for such complex projects. |
| 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 | No |
| | For Main Facility | Yes |
| | Prepare engineering section of Form FCC License to Cover Application | Yes |
| | For Auxiliary Facility | No |
| | For Main Facility | Yes |
| | Prepare request for Special Temporary Authority | Yes |

| | | |
|---|--|-----|
| | Quantity | 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 | No |
| | For Main Facility | Yes |
| | Prepare and file Form FCC License to Cover Application | Yes |
| | For Auxiliary Facility | No |
| | For Main Facility | Yes |
| | Prepare request for Special Temporary Authority | Yes |
| | Quantity | 2 |
| | NEPA Section 106 environmental review | No |
| | Environmental Assessment | No |
| | ASR Modification | Yes |
| | FAA Consultation (including preparation of FAA Form 7460) | Yes |
| | Negotiation of Lease and other Matter for Shared Locations | Yes |
| | Prepare or Review FCC Form 399 for Reimbursement | Yes |
| | Address transition timing and coordination issues w/ other stations and wireless providers | Yes |
| RF Field Engineering Services | Comprehensive coverage verification via field study | Yes |
| | RF exposure measurements | Yes |
| | Additional Field Engineering Service | Yes |

| | |
|----------------|--|
| Number of Days | 25 |
| Justification | \$2,500 per site visit including expenses x 25 days. It is necessary to survey the site, plan the equipment, develop specifications for purchasing, & oversee multiple vendor RF projects. Station does not have available personnel trained in such services. |

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

| Name | Description |
|----------------------|--|
| Other Legal Services | Other Legal Services related to the DTV Repack |

Other Expenses

| Section | Question | Response |
|-------------------------------------|--|----------|
| AM Pattern Disturbance | Is an Impact Study needed? | Yes |
| | Is Remediation needed? | Yes |
| 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 | Yes |
| | 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? | Yes |
| | Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change? | Yes |
| | Does this relocation require MVPD Notification of a Channel Change? | Yes |

**Other
Expenses**

Other Expenses Not Listed

| Name | Description |
|----------------|--------------------------------|
| Internal labor | Local and Corporate Labor Cost |

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-60 | \$1,548,450.00 | \$1,200,914.50 | | \$372,037.06 | |
| Other -- Building Addition Size: 100.0 | <i>\$25,000.00</i> | \$25,000.00 | New pad required for heat exchangers, transformers, pumps, etc. Equipment must also be shielded. | N/A | N/A |
| 5 Ton system | \$20,250.00 | \$19,250.00 | Additional HVAC required for operation of new air-cooled solid-state transmitter while still operating with main transmitter during testing period. | N/A | N/A |
| UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW | \$1,473,000.00 | \$1,126,764.50 | N/A | \$372,037.06 | N/A |
| 3" Rigid Conduit and Wiring (Cost per foot) | \$5,200.00 | \$4,900.00 | N/A | N/A | N/A |

| | | | | | |
|--|--------------------|----------------|--|--------------|-----|
| Other Electrical Service: Additional electrical services required for transmitter installation, including heat exchangers, transformers, cooling pumps, etc. | \$25,000.00 | \$25,000.00 | Additional electrical services required for transmitter installation, including heat exchangers, transformers, cooling pumps, etc. | N/A | N/A |
| Sub-total | \$1,548,450.00 | \$1,200,914.50 | N/A | \$372,037.06 | N/A |
| Total for all systems | \$3,786,864.00 | \$2,647,069.91 | N/A | \$612,348.68 | N/A |

Components

| Actual Information | |
|--|--|
| Description | File Name |
| Other -- Building Addition Size: 100.0 | Information not provided. |
| 5 Ton system | Information not provided. |
| UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW | Component Description: Inv JW30004449-1 WUPL Transmitter UL20180713jg v1 Amount: \$372,037.06 |
| 3" Rigid Conduit and Wiring (Cost per foot) | Information not provided. |
| Other Electrical Service: Additional electrical services required for transmitter installation, including heat exchangers, transformers, cooling pumps, etc. | 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-21JSC-R C180 | \$562,330.00 | \$280,026.41 | | \$165,868.42 | |
| UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized | \$247,000.00 | \$79,177.16 | ***System Notice: Estimate adjusted and locked because line has been superseded. *** | \$79,177.16 | N/A |
| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized | \$289,500.00 | \$175,949.25 | Cost estimate is for Items 1, 3 and 4 on Dielectric's Quote 700394CMZ-3 in attached file "Die 462986979 MAN00847 181218 190125 Antenna and line pmt 1 158394-49 v1.pdf" | \$79,177.16 | N/A |
| Shipping | \$6,800.00 | \$6,800.00 | N/A | N/A | N/A |

| | | | | | |
|--|----------------|----------------|-----------------------|--------------|-----|
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed) | \$12,300.00 | \$11,700.00 | N/A | \$4,634.10 | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | per Dielectric quotes | \$2,880.00 | N/A |
| Sub-total | \$562,330.00 | \$280,026.41 | N/A | \$165,868.42 | N/A |
| Total for all systems | \$3,786,864.00 | \$2,647,069.91 | N/A | \$612,348.68 | N/A |

Components

| Actual Information | |
|---|-------------------------------|
| Description | File Name |
| UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized | Component Description: |
| | Die inv #MAN00847 |
| | Antenna pmt 1 |
| | UL20190219jgv1 |
| | Amount: |
| | \$63,390.60 |
| | Component Description: |
| | Die inv #MAN00847 |
| | Antenna feed thru |
| | pmt 1 |
| | UL20190219jgv1 |
| | Amount: |
| | Component Description: |
| | Die inv #MAN00847 |
| | Side mt brackets |
| | pmt 1 |
| | UL20190219jgv1 |
| | Amount: |
| | \$7,391.25 |

| | | | | | | | | | | | | | |
|---|--|-------------------------------|--|----------------|-------------|-------------------------------|---|----------------|------------|-------------------------------|--|----------------|------------|
| <p>UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized</p> | <table> <tr> <td data-bbox="699 174 1007 208">Component Description:</td><td data-bbox="1141 174 1374 286">Die inv #MAN00847 Antenna pmt 1 UL20190219jgv1</td></tr> <tr> <td data-bbox="699 297 807 331">Amount:</td><td data-bbox="1141 297 1273 331">\$63,390.60</td></tr> <tr> <td data-bbox="699 432 1007 465">Component Description:</td><td data-bbox="1141 432 1374 589">Die inv #MAN00847 Antenna feed thru pmt 1 UL20190219jgv1</td></tr> <tr> <td data-bbox="699 600 807 633">Amount:</td><td data-bbox="1141 600 1257 633">\$8,395.31</td></tr> <tr> <td data-bbox="699 734 1007 768">Component Description:</td><td data-bbox="1141 734 1374 891">Die inv #MAN00847 Side mt brackets pmt 1 UL20190219jgv1</td></tr> <tr> <td data-bbox="699 902 807 936">Amount:</td><td data-bbox="1141 902 1257 936">\$7,391.25</td></tr> </table> | Component Description: | Die inv #MAN00847 Antenna pmt 1 UL20190219jgv1 | Amount: | \$63,390.60 | Component Description: | Die inv #MAN00847 Antenna feed thru pmt 1 UL20190219jgv1 | Amount: | \$8,395.31 | Component Description: | Die inv #MAN00847 Side mt brackets pmt 1 UL20190219jgv1 | Amount: | \$7,391.25 |
| Component Description: | Die inv #MAN00847 Antenna pmt 1 UL20190219jgv1 | | | | | | | | | | | | |
| Amount: | \$63,390.60 | | | | | | | | | | | | |
| Component Description: | Die inv #MAN00847 Antenna feed thru pmt 1 UL20190219jgv1 | | | | | | | | | | | | |
| Amount: | \$8,395.31 | | | | | | | | | | | | |
| Component Description: | Die inv #MAN00847 Side mt brackets pmt 1 UL20190219jgv1 | | | | | | | | | | | | |
| Amount: | \$7,391.25 | | | | | | | | | | | | |
| <p>Shipping</p> | <p>Information not provided.</p> | | | | | | | | | | | | |
| <p>Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)</p> | <table> <tr> <td data-bbox="699 1137 1007 1171">Component Description:</td><td data-bbox="1141 1137 1374 1249">Die inv #MAN00847 Elbow complex pmt 1 UL20190219jgv1</td></tr> <tr> <td data-bbox="699 1261 807 1294">Amount:</td><td data-bbox="1141 1261 1257 1294">\$4,634.10</td></tr> </table> | Component Description: | Die inv #MAN00847 Elbow complex pmt 1 UL20190219jgv1 | Amount: | \$4,634.10 | | | | | | | | |
| Component Description: | Die inv #MAN00847 Elbow complex pmt 1 UL20190219jgv1 | | | | | | | | | | | | |
| Amount: | \$4,634.10 | | | | | | | | | | | | |
| <p>Sweep test of existing antenna</p> | <table> <tr> <td data-bbox="699 1429 1007 1462">Component Description:</td><td data-bbox="1141 1429 1374 1541">Die inv #MAN00847 Sweep pmt 1 UL20190219jgv1</td></tr> <tr> <td data-bbox="699 1552 807 1585">Amount:</td><td data-bbox="1141 1552 1257 1585">\$2,880.00</td></tr> </table> | Component Description: | Die inv #MAN00847 Sweep pmt 1 UL20190219jgv1 | Amount: | \$2,880.00 | | | | | | | | |
| Component Description: | Die inv #MAN00847 Sweep pmt 1 UL20190219jgv1 | | | | | | | | | | | | |
| Amount: | \$2,880.00 | | | | | | | | | | | | |

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 Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|-----------------------------|----------------|------------------------------|--------------|---------------------------|
| Primary Transmission Line | \$208,400.00 | \$198,400.00 | | \$63,366.98 | |
| Rigid Transmission Line - copper, 6 1/8" | \$202,000.00 | \$192,000.00 | N/A | \$63,366.98 | N/A |
| TX Line Sweep | \$6,400.00 | \$6,400.00 | N/A | N/A | N/A |
| Sub-total | \$208,400.00 | \$198,400.00 | N/A | \$63,366.98 | N/A |
| Total for all systems | \$3,786,864.00 | \$2,647,069.91 | N/A | \$612,348.68 | N/A |

Components

| Actual Information Description | File Name |
|--|---|
| Rigid Transmission Line - copper, 6 1/8" | <div><div>Component Description:</div><div>Die inv #MAN00847 TX line pmt 1 UL20190219jgv1</div><div>Amount:</div><div>\$61,047.00</div></div> <div><div>Component Description:</div><div>Die inv #MAN00847 Fixed flange pmt 1 UL20190219jgv1</div><div>Amount:</div><div>\$2,319.98</div></div> |
| TX Line Sweep | 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 | \$880,800.00 | \$425,000.00 | | \$0.00 | |
| Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study | \$26,300.00 | \$12,500.00 | Shared expense with WWL. | N/A | N/A |
| Major tower reinforcement /modifications | \$421,000.00 | \$200,000.00 | Shared expense with WWL. | N/A | N/A |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | \$421,000.00 | \$200,000.00 | Shared expense with WWL. | N/A | N/A |

| | | | | | |
|------------------------------|--------------------|----------------|---|--------------|-----|
| Top Plate | \$12,500.00 | \$12,500.00 | Existing top-plate and/or bolt pattern may not work for new top-mount antenna. Shared expense with WWL. | N/A | N/A |
| Sub-total | \$880,800.00 | \$425,000.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$3,786,864.00 | \$2,647,069.91 | N/A | \$612,348.68 | 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 | \$420,110.00 | \$391,750.00 | | \$7,806.22 | |
| Other Legal Services | <i>\$10,000.00</i> | \$10,000.00 | Other Legal Services related to the DTV Repack | \$348.80 | N/A |
| Additional Field Engineering Service, 25 Days | <i>\$62,500.00</i> | \$62,500.00 | \$2,500 per site visit including expenses x 25 days. It is necessary to survey the site, plan the equipment, develop specifications for purchasing, & oversee multiple vendor RF projects. Station does not have available personnel trained in such services. | N/A | N/A |
| RF Exposure Measurements | \$21,050.00 | \$10,000.00 | Shared cost with WWL-TV. | N/A | N/A |

| | | | | | |
|--|-------------|-------------|---------------------|-----|-----|
| Comprehensive coverage verification via field study, if needed | \$84,200.00 | \$80,000.00 | Per Widely estimate | 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 |
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$7,000.00 | Per Widely estimate | N/A | N/A |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00 | \$3,000.00 | Per Widely estimate | N/A | N/A |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | \$1,580.00 | \$1,500.00 | Per Widely estimate | N/A | N/A |
| Prepare request for Special Temporary Authorization | \$4,100.00 | \$3,000.00 | Per Widely estimate | N/A | N/A |

| | | | | | |
|---|------------|------------|------------------------|-----|-----|
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00 | \$5,000.00 | Per Widely estimate | N/A | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application | \$2,365.00 | \$2,250.00 | Per Widely estimate | 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 request for Special Temporary Authorization | \$7,360.00 | \$7,000.00 | Per Widely estimate | N/A | N/A |
| ASR modification (prepare FCC Form 854) | \$2,105.00 | \$2,000.00 | N/A | N/A | N/A |
| FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase | \$2,105.00 | \$2,000.00 | N/A | N/A | N/A |

| | | | | | |
|--|----------------|----------------|--|--------------|-----|
| Project management of the transition | \$197,500.00 | \$187,500.00 | It will be necessary to schedule and coordinate multiple vendors, complete progress reports, and update Schedule 399s. Station does not have available personnel or personnel trained in project management for such complex projects. | \$7,457.42 | N/A |
| Prepare and or review reimbursement form | \$2,630.00 | \$2,500.00 | N/A | N/A | N/A |
| Sub-total | \$420,110.00 | \$391,750.00 | N/A | \$7,806.22 | N/A |
| Total for all systems | \$3,786,864.00 | \$2,647,069.91 | N/A | \$612,348.68 | N/A |

Components

| Actual Information | |
|----------------------|--|
| Description | File Name |
| Other Legal Services | <p>Component Description: Covington inv #60796723 Various Legal UL20181024jgv1</p> <p>Amount: \$348.80</p> |

| | |
|--|---------------------------|
| Additional Field Engineering Service, 25 Days | Information not provided. |
| RF Exposure Measurements | 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. |
| Perform engineering study for new channel assignment and antenna development | Information not provided. |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | Information not provided. |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | Information not provided. |
| Prepare request for Special Temporary Authorization | Information not provided. |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | Information not provided. |
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application | Information not provided. |
| Attorney Fees - Negotiation of lease and other matters for shared locations | Information not provided. |

| | |
|--|--|
| Attorney Fees - Prepare and File request for Special Temporary Authorization | Information not provided. |
| ASR modification (prepare FCC Form 854) | Information not provided. |
| FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase | Information not provided. |
| Project management of the transition | <div> <div> Component Description: Amount: </div> <div> Inv 29218 WUPL Proj Mgt 180428-180525 UL20180706jg v1 \$300.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> Osborn inv #26017 Prof srvcs 170607 - 170728 UL20181107jg v1 \$7,157.42 </div> </div> |
| Prepare and or review reimbursement form | 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 | Actual Cost Justification |
|--|-----------------------------|---------------------|--|-------------------|---------------------------|
| Other Expenses | \$166,774.00 | \$150,979.00 | | \$3,270.00 | |
| Internal labor | <i>\$21,744.00</i> | \$21,744.00 | N/A | N/A | N/A |
| MVPD Notification of Channel Change | <i>\$6,000.00</i> | \$6,000.00 | Prepare notification for MVPD's on upcoming changes and testing windows. | N/A | N/A |
| Develop and air announcement of upcoming channel change | <i>\$6,000.00</i> | \$6,000.00 | 150\$ for 40 hours to shoot , produce and edit informational spot | \$3,270.00 | N/A |
| Equipment Storage | <i>\$15,000.00</i> | \$15,000.00 | 2 flat bed trailer for 6 month per Dielectric rate card. | N/A | N/A |
| Equipment Delivery and Handling Charges | <i>\$25,000.00</i> | \$25,000.00 | N/A | N/A | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <i>\$25,000.00</i> | \$25,000.00 | N/A | N/A | N/A |
| Non-zoning permits | <i>\$25,000.00</i> | \$25,000.00 | N/A | N/A | N/A |

| | | | | | |
|---|-----------------|-------------|--|-----|-----|
| Local Zoning | \$900.00 | \$900.00 | Local construction permit a 3 cents per \$100 of construction cost. | N/A | N/A |
| FCC Filing Fees - Special Temporary Authorization request | \$195.00 | \$190.00 | Per Widely estimate | N/A | N/A |
| FCC Filing Fees - Form 2100 license to cover application | \$335.00 | \$325.00 | per Widely estimate | N/A | N/A |
| FCC Filing Fees - Form 2100 minor change CP application | \$1,110.00 | \$1,070.00 | N/A | N/A | N/A |
| AM Pattern Disturbance -- Impact study | \$7,890.00 | \$3,750.00 | Station less than 5 km from KKNO-AM, WYLD-AM, WODT-AM, WWL-AM, & KGLA-AM sites. Costs shared with WWL. | N/A | N/A |
| AM Pattern Disturbance -- Remedy | \$21,050.00 | \$10,000.00 | Station less than 5 km from KKNO-AM, WYLD-AM, WODT-AM, WWL-AM, & KGLA-AM sites. Costs shared with WWL. | N/A | N/A |

| | | | | | |
|-----------------------------------|----------------|----------------|---------------------|--------------|-----|
| DTV Medical Facility Notification | \$11,550.00 | \$11,000.00 | Per Widely estimate | N/A | N/A |
| Sub-total | \$166,774.00 | \$150,979.00 | N/A | \$3,270.00 | N/A |
| Total for all systems | \$3,786,864.00 | \$2,647,069.91 | N/A | \$612,348.68 | N/A |

Components

| Actual Information | |
|--|---|
| Description | File Name |
| Internal labor | Information not provided. |
| MVPD Notification of Channel Change | Information not provided. |
| Develop and air announcement of upcoming channel change | <p>Component Description: 2C Media inv #203806 Creation of channel change announcement UL20181016jgv1</p> <p>Amount: \$3,270.00</p> |
| Equipment Storage | Information not provided. |
| Equipment Delivery and Handling Charges | Information not provided. |
| Disposal Costs (for equipment and other waste, net of any salvage value) | Information not provided. |
| Non-zoning permits | Information not provided. |
| Local Zoning | Information not provided. |
| FCC Filing Fees - Special Temporary Authorization request | Information not provided. |
| FCC Filing Fees - Form 2100 license to cover application | Information not provided. |

| | |
|---|---------------------------|
| FCC Filing Fees - Form 2100 minor change CP application | Information not provided. |
| AM Pattern Disturbance -- Impact study | Information not provided. |
| AM Pattern Disturbance -- Remedy | Information not provided. |
| DTV Medical Facility Notification | Information not provided. |

| | | | |
|-------------------------|------------------------------|------------------------------------|-----------------------|
| Cost Information | Grand Total | | |
| | | Predetermined Cost Estimate | Estimated Cost |
| | | | Actual Cost |
| | Total for all systems | \$3,786,864.00 | \$2,647,069.91 |
| | | | \$612,348.68 |

| | | |
|-----------------------------|--|-----------------|
| 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>Jeffrey C Gehman <i>Engineering Associate</i></p> <p>03/07/2019</p> |

| Certification | Section | Question | Response |
|---------------|--|--|----------|
| | Submission of Actual Cost Documentation Statements | 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). | |
| | | <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.

| | |
|--|--|
| <p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.</p> | |
| <p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p> | <p>Jeffrey C Gehman <i>Engineering Associate</i></p> <p>03/07/2019</p> |

Attachments