



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **6885** | Service: **DTV** | Call **KWQC-TV** | Channel: **17 (UHF)** |
ID: | Sign:
File **0000028734**
Number:
FRN: **0018223693** | Date **07/13**
Submitted: **/2020**

Applicant Information

Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|---|--|--------------------------|---------------------------------|---------------------------------|
| GRAY TELEVISION LICENSEE, LLC Doing Business As: GRAY TELEVISION LICENSEE, LLC | 4370 PEACHTREE ROAD, NE ATLANTA, GA 30319 United States | +1 (404) 504- 9828 | robert. folliard@gray. tv | 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 |
|--|---|-------------------|------------------------|
| Samuel Hariton <i>Widely</i> | Samuel Hariton 4031 University Dr Suite 100 Fairfax, VA 22030 United States | +1 (339) 222-8107 | sam.hariton@widely.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 | KWQC will transition from channel 36 to 17 on a new existing tower. The transition will result in a new transmitter, antenna, and transmission line. The station will require an interim system to remain on the air. |

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 | CD3260P2 |
| | Year | 2002 |
| | 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 | HPTV-PARL-U32 |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 60 kW |
| | Justification for New Transmitter | Existing transmitter cannot be retuned. |

**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 | No |
| | Size | N/A |
| | Length | N/A |
| | Other Electrical Service | Yes |
| | | |

| | | |
|--|---|---|
| | Description | The new transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors. |
| 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.

**Interim
Transmitter**

New Transmitter Costs

| Section | Question | Response |
|-----------------|-----------------------------------|---------------------------------------|
| New Transmitter | Use | Interim |
| | Description of Use | N/A |
| | Change Type | Purchase |
| | Manufacturer | |
| | Model | EC706 |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Air Cooled |
| | Solid State Power capacity | 4.9 kW |
| | Justification for New Transmitter | Needed to broadcast during transition |

**Interim
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 | No |
| | Size | N/A |
| | Length | N/A |
| | Other Electrical Service | Yes |

| | | |
|--|---|---|
| | Description | The new transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors. |
| 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 |
| Inside RF System | Is an additional interior RF system required to support this interim transmitter? | No |

**Interim
Transmitter**

Other Transmitter Cost Not Listed

| Name | Description |
|------|--------------------------|
| HVAC | Interim Transmitter HVAC |

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? | Yes |
| | Is the existing antenna directional? | No |
| | 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 | Broadband Panel |
| | Number of Stations Supported | 2 |
| | Number of Panels | 56 |
| | Design power capacity in use | 100.0 % |
| | Lower Limit | 470.00 MHz |
| | Upper Limit | 728.00 MHz |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 1000.0 kW |
| | | |

| | | |
|--|--------------|------------------------|
| | Manufacturer | |
| | Model | TUF-04-14 /56H-1-TR |
| | Year | 2002 |

**Facility ID's and Call Signs of
all stations with whom the
antenna is shared.**

| Facility ID | Call Sign |
|-------------|-----------|
| 54011 | KLJB |

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 | 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) | 1000.0 kW |
| | Manufacturer | |
| | | |

| | |
|-------------------------------|--|
| Model | TFU-27JSC /VP-R-04 |
| Year | 2018 |
| Justification for New Antenna | New antenna at alternate site |

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? | 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 |

**Primary
Antenna**

Other Antenna Cost Not Listed

| Name | Description |
|-------|----------------------------|
| V-Pol | Upgrade to primary antenna |

**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 | 1 |
| | Number of Panels/Bays | 8 |
| | Lower Limit | 470.00 MHz |
| | Upper Limit | 686.00 MHz |
| | Design power capacity in use | 100.0 % |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 19.8 kW |
| | Manufacturer | |
| | Model | TFU-WB8-R |
| | Year | 2018 |
| | | |

| | | |
|--|-------------------------------|-------------------------|
| | Justification for New Antenna | Interim Broadcasting |
|--|-------------------------------|-------------------------|

**Interim
Antenna**

Other Antenna Costs

| Section | Question | Response |
|---------------------------------|---|----------|
| Elbow Complex | Do you require the separate purchase of the Elbow Complex? | No |
| | Broadband or Single Channel? | N/A |
| | Feed Line Size | N/A |
| Side Mount Brackets | Do you require the separate purchase of side mount brackets for an 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 |

**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? | Yes |
| | Is Transmission Line in operating condition? | Yes |
| Existing Transmission Line Manufacturer and Type | Manufacturer | |
| | 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 | 1200 feet per run |

Facility ID's and Call Signs of all stations with whom the transmission line is shared.

| Facility ID | Call Sign |
|-------------|-----------|
| 54011 | KLJB |

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? | Yes |
| | 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 | 1310 feet per run |
| | Justification for New Transmission Line | Need a new line for the new tower. |

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 | Flexible Air |
| | Diameter | 3 inches |
| | Segment Length | N/A |
| | Other Segment Length | |
| | Number of parallel runs | 1 |
| | Length | 1100 feet per run |
| | Justification for New Transmission Line | Needed for interim broadcasting |

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**

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? | No |
| | 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? | Yes |
| | Is tower compliant with Rev G? | Yes |
| Existing Tower Structure Registration | Do you have a tower registration number? | Yes |
| | ASR Number | 1035417 |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 41° 32' 48.8" N- |
| | Longitude (NAD83) | 090° 28' 37.8" W- |
| | Overall Structure Height | 1381.22 feet |
| | Support Structure Height | 1292.64 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 666.00 feet |
| | | |

| | |
|------------------|---|
| Structure Type | GTOWER - Guyed Structure Used for Communication Purposes |
| Tower Owner | Young /Coronet, A Joint Venture |
| Date Constructed | 01/01/1982 |

**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 |
|-------------|-----------|---------|
| 3242 | WVIK | FM |
| 60361 | WLLR-FM | FM |
| 13950 | WHBF-TV | DTV |

Other Types of Users

| Users |
|---------------|
| Two-Way Radio |

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: | No reinforcements needed |

**Primary
Tower**

Tower Rigging Costs

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

**Primary
Tower**

Other Tower Expenses Not Listed

Information not provided.

**Outside
Professional Services Costs**

| Section | Question | Response |
|---|--|-------------------|
| Outside Project Management Services | Do you require outside project management services? | Yes |
| | Number of Hours | 900 |
| | Explanation | Strategic Support |
| 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 | 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 | 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 | No |
| | 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 |
|---|--|
| Attorney Fees -Construction Permit Aux Application | Attorney Fees - prepare and File Form 2100 Construction Permit |

Other Expenses

| Section | Question | Response |
|-------------------------------------|--|----------|
| AM Pattern Disturbance | Is an Impact Study needed? | No |
| | 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 | No |
| | 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? | 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 |
|---|--|---|
| Construction Permit Aux FCC Filing Fees | | Construction Permit Aux FCC Filing Fees |
| License to Cover Aux FCC Filing Fees | | License to Cover Aux FCC Filing Fees |

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 |
|---|-----------------------------|----------------|--|--------------|---------------------------|
| Interim Transmitter EC706 | \$253,934.00 | \$215,138.81 | | \$205,525.51 | |
| HVAC | <i>\$7,484.00</i> | \$7,484.00 | Winter operation option added Including Tax | \$5,995.00 | N/A |
| UHF - Air Cooled Solid State Transmitter 4 - 6 kW | \$236,500.00 | \$197,704.81 | per Comark Proposal P#4034R4-KWQC-PARLX-180711 Includes remaining est taxes and delivery | \$194,950.76 | N/A |
| Other Electrical Service: The new transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors. | <i>\$9,950.00</i> | \$9,950.00 | Quote 18-9211 Decco Including tax | \$4,579.75 | N/A |

| | | | | | |
|---|-----------------------|-----------------------|---|-----------------------|------------|
| Primary Transmitter HPTV-PARL-U32 | \$1,881,395.79 | \$1,358,252.98 | | \$1,322,543.04 | |
| Other Electrical Service: The new transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors. | \$93,395.79 | \$93,395.79 | see Estimated Cost Justification KWQC-110-Electrical Service New 1st Primary Transmitter v0 | \$92,410.46 | N/A |
| UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW | \$1,788,000.00 | \$1,264,857.19 | Please see Estimated Cost Justification KWQC-110-New 1st Primary Transmitter v0 | \$1,230,132.58 | N/A |
| Sub-total | \$2,135,329.79 | \$1,573,391.79 | N/A | \$1,528,068.55 | N/A |
| Total for all systems | \$3,315,995.14 | \$2,433,866.28 | N/A | \$2,262,602.63 | N/A |

Components

| Actual Information | |
|--------------------|---|
| Description | File Name |
| HVAC | <p>Component Description: Daikin Ductless A /C System</p> <p>Amount: \$5,995.00</p> |

| | |
|--|---|
| UHF - Air Cooled Solid State Transmitter 4 - 6 kW | <div> Component Description: KWQC-180-New Interim Transmitter </div> <div> Amount: \$72,002.16 </div> |
| | <div> Component Description: KWQC-180-New Interim Transmitter </div> <div> Amount: \$103,789.40 </div> |
| | <div> Component Description: KWQC-180-New Interim Transmitter </div> <div> Amount: \$19,159.20 </div> |
| <p>Other Electrical Service: The new transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors.</p> | <div> Component Description: KWQC-180-Electrical Services New Interim Transmitter </div> <div> Amount: \$2,313.80 </div> <div> Component Description: KWQC-180-Electrical Services New Interim Transmitter </div> <div> Amount: \$2,265.95 </div> |

Other Electrical Service:
The new transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors.

| | |
|-------------------------------|--|
| Component Description: | Electrical work for new transmitter at Bettendorf Transmitter Site |
| Amount: | \$11,770.00 |

| | |
|-------------------------------|-------------------------------------|
| Component Description: | Electrical work for new transmitter |
| Amount: | \$24,610.00 |

| | |
|-------------------------------|---|
| Component Description: | Electrical work for new transmitter at Bettendorf |
| Amount: | \$20,242.87 |

| | |
|-------------------------------|---|
| Component Description: | Billing: 3-4-19 thru 4-1-19 Electrical work for new transmitter at Bettendorf Transmitter Site. |
| Amount: | \$15,963.33 |

| | |
|-------------------------------|-----------------|
| Component Description: | Electrical work |
| Amount: | \$19,824.26 |

| | | |
|--|-------------------------------|---|
| UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW | | |
| | Component Description: | At 805 Brady Street, Daveport, IA install grounding |
| | Amount: | \$5,885.00 |
| | | |
| | Component Description: | KWQC, SYSTEM PRLX U32 D17 |
| | Amount: | \$446,726.85 |
| | | |
| | Component Description: | System PRLX U32 D17 |
| | Amount: | \$649,443.85 |
| | | |
| | Component Description: | KWQC, SYSTEM PRLX U32 D17 INSTALLATION |
| | Amount: | \$127,516.88 |
| | | |
| | Component Description: | Suppressor |
| | Amount: | \$560.00 |

Cost Information

Antennas

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|-----------------------------|---------------------|--|---------------------|---------------------------|
| Interim Antenna TFU-WB8-R | \$70,004.40 | \$69,758.40 | | \$59,882.06 | |
| Sweep test of existing antenna | \$6,730.00 | \$6,484.00 | Including tax | \$6,400.00 | N/A |
| UHF - High Power, Side Mount, basic slot antenna, 8 bay,, 20 kW input, horizontally polarized | \$63,274.40 | \$63,274.40 | DTV Pros JEHQ1357-01 Includes est tax and deliver fees | \$53,482.06 | N/A |
| Primary Antenna TFU-27JSC /VP-R-04 | \$227,517.50 | \$224,806.15 | | \$208,481.65 | |
| V-Pol | \$15,450.00 | \$15,450.00 | See attached DTVPros quote JEHQ1286-07. | N/A | N/A |
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | \$5,260.00 | \$4,280.00 | Per DTV Pros JEHQ1286-07 Includes tax | \$4,000.00 | N/A |

| | | | | | |
|---|---------------------|----------------|--|----------------|-----|
| Side mount brackets for high power antennas (if not included in antenna base cost) | \$23,150.00 | \$19,435.28 | see Estimated Cost Justification KWQC-210-Side Mount Brackets New Primary Antenna v0 | \$19,435.28 | N/A |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed) | \$12,300.00 | \$14,165.37 | see Estimated Cost Justification KWQC-210-Elbow complex New Primary Antenna v0 | \$14,165.37 | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,848.00 | Including tax | \$6,400.00 | N/A |
| UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, elliptically or circularly polarized | \$164,627.50 | \$164,627.50 | DTVPros JEHQ1286-07 Includes est tax and delivery fees | \$164,481.00 | N/A |
| Sub-total | \$297,521.90 | \$294,564.55 | N/A | \$268,363.71 | N/A |
| Total for all systems | \$3,315,995.14 | \$2,433,866.28 | N/A | \$2,262,602.63 | N/A |

Components

Actual Information
Description

File Name

| | | |
|--------------------------------|-------------------------------|------------------|
| Sweep test of existing antenna | Component Description: | KWQC Sweep |
| | | Test for New |
| | | Interim Antenna |
| | Amount: | \$1,600.00 |
| | Component Description: | KWQC-280-Sweep |
| | | test for New |
| | | Interim Antenna |
| | Amount: | \$1,280.00 |
| | Component Description: | KWQC-280-Sweep |
| | | test for New |
| | | Interim Antenna |
| | Amount: | \$1,920.00 |
| | Component Description: | KWQC Sweep |
| | | Test New Interim |
| | | Antenna |
| | Amount: | \$1,600.00 |

| | | | | | | | | | | | | | | | | | |
|--|---|-------------------------------|--|----------------|-------------|-------------------------------|---|----------------|-------------|-------------------------------|--|----------------|-------------|-------------------------------|---|----------------|-------------|
| <p>UHF - High Power, Side Mount, basic slot antenna, 8 bay,, 20 kW input, horizontally polarized</p> | <table> <tr> <td data-bbox="711 174 1018 208">Component Description:</td><td data-bbox="1153 174 1318 365">UHF - BROADBAND PANEL, SIDE MOUNT AUX /INTERIM</td></tr> <tr> <td data-bbox="711 376 820 409">Amount:</td><td data-bbox="1153 376 1286 409">\$11,980.00</td></tr> <tr> <td data-bbox="711 517 1018 551">Component Description:</td><td data-bbox="1153 517 1318 707">UHF- BROADBAND PANEL, SIDE MOUNT AUX /INTERIM</td></tr> <tr> <td data-bbox="711 719 820 752">Amount:</td><td data-bbox="1153 719 1286 752">\$15,146.06</td></tr> <tr> <td data-bbox="711 857 1018 891">Component Description:</td><td data-bbox="1153 857 1366 1081">UHF - BROADBAND PANEL, SIDE MOUNT AUX /INTERIM TV ANT TFU WB8-R</td></tr> <tr> <td data-bbox="711 1093 820 1126">Amount:</td><td data-bbox="1153 1093 1286 1126">\$14,376.00</td></tr> <tr> <td data-bbox="711 1234 1018 1267">Component Description:</td><td data-bbox="1153 1234 1374 1379">UHF Broadband panel, side mount Aux/Interim TV Ant TFU W88-R</td></tr> <tr> <td data-bbox="711 1391 820 1424">Amount:</td><td data-bbox="1153 1391 1286 1424">\$11,980.00</td></tr> </table> | Component Description: | UHF - BROADBAND PANEL, SIDE MOUNT AUX /INTERIM | Amount: | \$11,980.00 | Component Description: | UHF- BROADBAND PANEL, SIDE MOUNT AUX /INTERIM | Amount: | \$15,146.06 | Component Description: | UHF - BROADBAND PANEL, SIDE MOUNT AUX /INTERIM TV ANT TFU WB8-R | Amount: | \$14,376.00 | Component Description: | UHF Broadband panel, side mount Aux/Interim TV Ant TFU W88-R | Amount: | \$11,980.00 |
| Component Description: | UHF - BROADBAND PANEL, SIDE MOUNT AUX /INTERIM | | | | | | | | | | | | | | | | |
| Amount: | \$11,980.00 | | | | | | | | | | | | | | | | |
| Component Description: | UHF- BROADBAND PANEL, SIDE MOUNT AUX /INTERIM | | | | | | | | | | | | | | | | |
| Amount: | \$15,146.06 | | | | | | | | | | | | | | | | |
| Component Description: | UHF - BROADBAND PANEL, SIDE MOUNT AUX /INTERIM TV ANT TFU WB8-R | | | | | | | | | | | | | | | | |
| Amount: | \$14,376.00 | | | | | | | | | | | | | | | | |
| Component Description: | UHF Broadband panel, side mount Aux/Interim TV Ant TFU W88-R | | | | | | | | | | | | | | | | |
| Amount: | \$11,980.00 | | | | | | | | | | | | | | | | |
| V-Pol | Information not provided. | | | | | | | | | | | | | | | | |

Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)

Component Description:

KWQC Pattern Scatter Analysis New Primary Antenna

Amount:

\$1,000.00

Component Description:

KWQC-210- Pattern Scatter Analysis New Primary Antenna

Amount:

\$1,200.00

Component Description:

KWQC-210- Pattern Scatter Analysis New Primary Antenna

Amount:

\$800.00

Component Description:

KWQC-210- Pattern Scatter Analysis New Primary Antenna

Amount:

\$1,000.00

Side mount brackets for
high power antennas (if not
included in antenna base
cost)

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|-------------------------------|--|
| Component Description: | KWQC Side Mount Brackets New Primary Antenna |
| Amount: | \$4,380.00 |

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|-------------------------------|---|
| Component Description: | KWQC-210-Side Mount Brackets New Primary Antenna |
| Amount: | \$5,419.28 |

| | |
|-------------------------------|---|
| Component Description: | KWQC-210-Side Mount Brackets New Primary Antenna |
| Amount: | \$4,380.00 |

| | |
|-------------------------------|---|
| Component Description: | KWQC-210-Side Mount Brackets New Primary Antenna |
| Amount: | \$5,256.00 |

| | |
|--|--|
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed) | <div> Component Description: KWQC Elbow Complex New Primary Antenna </div> <div> Amount: \$3,192.00 </div> |
| | <div> Component Description: KWQC-210-Elbow complex New Primary Antenna </div> <div> Amount: \$3,950.97 </div> |
| | <div> Component Description: KWQC-210-Elbow complex New Primary Antenna </div> <div> Amount: \$3,192.00 </div> |
| | <div> Component Description: KWQC-210-Elbow complex New Primary Antenna </div> <div> Amount: \$3,830.40 </div> |

Sweep test of existing antenna

Component Description: KWQC Sweep
Test New Primary
Antenna
Amount: \$1,600.00

Component Description: KWQC-210-Sweep
test New Primary
Antenna
Amount: \$1,600.00

Component Description: KWQC-210-Sweep
test New Primary
Antenna
Amount: \$1,280.00

Component Description: KWQC-210-Sweep
test New Primary
Antenna
Amount: \$1,920.00

| | | | |
|---|-------------------------------|--|-----------------------------|
| UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, elliptically or circularly polarized | Component Description: | | UHF - HIGH POWER SIDE MOUNT |
| | Amount: | | \$37,062.50 |
| | Component Description: | | UHF High Power Side Mount |
| | Amount: | | \$45,881.00 |
| | Component Description: | | UHF - HIGH POWER SIDE MOUNT |
| | Amount: | | \$37,062.50 |
| | Component Description: | | UHF - HIGH POWER SIDE MOUNT |
| | Amount: | | \$44,475.00 |

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 |
|--|--------------------------------|-------------------|--|----------------|------------------------------|
| Interim Transmission Line | \$64,900.00 | \$59,947.19 | | \$59,922.13 | |
| Flexible Air Transmission Line - dielectric, 3" | \$64,900.00 | \$59,947.19 | see Estimated Cost Justification KWQC-380- New Interim Transmission Line v2 | \$59,922.13 | N/A |
| Primary Transmission Line | \$264,620.00 | \$0.00 | | \$0.00 | |
| Rigid Transmission Line - copper, 6 1/8" | \$264,620.00 | \$0.00 | see Justifying Quote KWQC-TV DTVPros quote JEHQ1286- 07A | N/A | N/A |
| Sub-total | \$329,520.00 | \$59,947.19 | N/A | \$59,922.13 | N/A |
| Total for all systems | \$3,315,995.14 | \$2,433,866.28 | N/A | \$2,262,602.63 | N/A |

Components

| Actual Information Description | File Name |
|--|-----------|
| Flexible Air Transmission Line - dielectric, 3" | |

| | |
|-------------------------------|--|
| Component Description: | AM GROUNDING KITS (QTY 11 GKFQRM60, QTY 13 RMA-GI) |
| Amount: | \$1,550.33 |

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|-------------------------------|--|
| Component Description: | KWQC New Interim Transmission Line |
| Amount: | \$11,095.12 |

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|-------------------------------|--|
| Component Description: | KWQC-380-New Interim Transmission Line |
| Amount: | \$15,257.66 |

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|-------------------------------|--|
| Component Description: | Provide labor, tools and equipment to unload cable spool at Bettendorf tower. |
| Amount: | \$975.00 |

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| Component Description: | KWQC-380-New Interim Transmission Line |
| Amount: | \$13,314.16 |

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|-------------------------------|----------------------------|
| Component Description: | Dehydrator 1000TLS 115V |
| Amount: | \$5,104.69 |

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|-------------------------------|--|
| Component Description: | KWQC New Interim Transmission Line |
| Amount: | \$11,095.12 |

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|---|--|
| | <div><div>Component Description:</div><div>Amount:</div></div> <div>3.0" grounding kit w /60" lead, 2 hole crimp on \$1,530.05</div> |
| Rigid Transmission Line - copper, 6 1/8" | 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 | \$223,100.00 | \$202,704.30 | | \$191,673.05 | |
| Tall Tower (greater than 500') | \$210,500.00 | \$181,454.30 | see Estimated Cost Justification KWQC-410-Rigging existing tower v0 | \$177,423.05 | N/A |
| Structural engineering tower load study for well documented tower | \$12,600.00 | \$21,250.00 | 'Consolidated Engineers 2017-Gray-KWQC-0607-N | \$14,250.00 | N/A |
| Sub-total | \$223,100.00 | \$202,704.30 | N/A | \$191,673.05 | N/A |
| Total for all systems | \$3,315,995.14 | \$2,433,866.28 | N/A | \$2,262,602.63 | N/A |

Components

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

| | |
|---|---|
| Tall Tower (greater than 500') | <div> <div> Component Description: Amount: </div> <div> Tower rigging services \$137,940.10 </div> </div> <div> <div> Component Description: Amount: </div> <div> Tower Equipment and Rigging \$39,482.95 </div> </div> |
| Structural engineering tower load study for well documented tower | <div> <div> Component Description: Amount: </div> <div> Engineering Evaluation \$7,125.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> Engineering Evaluation \$7,125.00 </div> </div> |

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 | \$202,504.50 | \$187,494.50 | | \$131,975.05 | |
| Attorney Fees - Construction Permit Aux Application | <i>\$124.50</i> | \$124.50 | Please see Gray KWQC Construction Permit (Aux) Application and Construction Permit (Aux) FCC Filing Fees Budget Justification Letter | N/A | N/A |
| Attorney Fees - Negotiation of lease and other matters for shared locations | \$4,210.00 | \$1,258.00 | see Estimated Cost Justification KWQC-550-Attorney Fees - Other Matters v0 | \$1,258.00 | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application | \$2,365.00 | \$2,250.00 | N/A | \$166.00 | N/A |
| Project management of the transition | \$142,200.00 | \$135,000.00 | N/A | \$112,469.55 | N/A |

| | | | | | |
|---|------------|------------|---|------------|-----|
| Prepare and or review reimbursement form | \$2,630.00 | \$2,500.00 | 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 | \$225.00 | N/A |
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$9,187.50 | Per Estimated Cost Justification KWQC-530- RF Eng new channel study v2 | \$9,187.50 | N/A |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00 | \$3,000.00 | N/A | \$675.00 | N/A |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | \$1,580.00 | \$1,500.00 | N/A | \$1,050.00 | N/A |
| Prepare request for Special Temporary Authorization | \$2,050.00 | \$1,550.00 | see Estimated Cost Justification KWQC-530- RF Eng STA v0 | \$1,550.00 | N/A |

| | | | | | |
|--|----------------|----------------|---|----------------|-----|
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00 | \$5,000.00 | N/A | \$524.00 | N/A |
| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application | \$4,210.00 | \$124.50 | Please see Gray KWQC License to Cover (Aux), License to Cover (Aux) FCC Filing Fees Budget Justification Letter | N/A | N/A |
| RF Exposure Measurements | \$21,050.00 | \$20,000.00 | N/A | \$4,500.00 | N/A |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | \$3,680.00 | \$3,500.00 | N/A | \$370.00 | N/A |
| Sub-total | \$202,504.50 | \$187,494.50 | N/A | \$131,975.05 | N/A |
| Total for all systems | \$3,315,995.14 | \$2,433,866.28 | N/A | \$2,262,602.63 | N/A |

Components

| Actual Information | |
|---|---------------------------|
| Description | File Name |
| Attorney Fees - Construction Permit Aux Application | Information not provided. |

| | | |
|--|-------------------------------|--|
| Attorney Fees - Negotiation of lease and other matters for shared locations | Component Description: | Total Professional Services |
| | Amount: | \$222.00 |
| | Component Description: | For Professional Services Rendered |
| | Amount: | \$1,036.00 |
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application | Component Description: | KWQC-550-Attorney Fees 2100 license to cover |
| | Amount: | \$166.00 |
| Project management of the transition | Component Description: | Project Management |
| | Amount: | \$5,189.50 |
| | Component Description: | Project Management |
| | Amount: | \$5,208.75 |
| | Component Description: | Project Management |
| | Amount: | \$2,315.65 |
| | Component Description: | Project Management |
| | Amount: | \$5,613.70 |
| | Component Description: | Project Management |
| | Amount: | \$2,581.30 |

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|-------------------------------|--------------------|
| Component Description: | Project management |
| Amount: | \$2,667.65 |

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| Component Description: | Project Management |
| Amount: | \$28.20 |

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| Component Description: | Project Management |
| Amount: | \$2,244.80 |

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|-------------------------------|--------------------|
| Component Description: | Project Management |
| Amount: | \$5,577.40 |

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|-------------------------------|--------------------|
| Component Description: | Project Management |
| Amount: | \$5,800.90 |

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|-------------------------------|--------------------|
| Component Description: | Project Management |
| Amount: | \$3,377.30 |

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|-------------------------------|--------------------|
| Component Description: | Project Management |
| Amount: | \$2,195.70 |

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|-------------------------------|---------------------|
| Component Description: | Consulting Engineer |
| Amount: | \$525.00 |

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|-------------------------------|--------------------|
| Component Description: | Project Management |
| Amount: | \$1,642.75 |

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|-------------------------------|-----------------------|
| Component Description: | Project Management |
| Amount: | \$3,111.30 |

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|-------------------------------|-----------------------|
| Component Description: | Project Management |
| Amount: | \$4,943.25 |

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|-------------------------------|-----------------------|
| Component Description: | Project Management |
| Amount: | \$3,655.90 |

| | |
|-------------------------------|-----------------------|
| Component Description: | Project Management |
| Amount: | \$4,499.20 |

| | |
|-------------------------------|-----------------------|
| Component Description: | Project Management |
| Amount: | \$1,518.10 |

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|-------------------------------|-----------------------|
| Component Description: | Project Management |
| Amount: | \$4,818.50 |

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|-------------------------------|-----------------------|
| Component Description: | Project Management |
| Amount: | \$2,066.10 |

| | |
|-------------------------------|-----------------------|
| Component Description: | Project management |
| Amount: | \$2,876.90 |

| | |
|-------------------------------|-----------------------|
| Component Description: | Project Management |
| Amount: | \$3,558.45 |

| | |
|-------------------------------|-----------------------|
| Component Description: | Project Management |
| Amount: | \$2,258.25 |

| | |
|-------------------------------|-----------------------|
| Component Description: | Project Management |
| Amount: | \$802.25 |

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|-------------------------------|-----------------------|
| Component Description: | Project Management |
| Amount: | \$1,543.30 |

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|-------------------------------|--------------------------------|
| Component Description: | KWQC-510-Project Management |
| Amount: | \$1,200.00 |

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|-------------------------------|-----------------------|
| Component Description: | Project Management |
| Amount: | \$1,551.45 |

| | |
|-------------------------------|-----------------------|
| Component Description: | Project Management |
| Amount: | \$1,928.85 |

| | |
|-------------------------------|-----------------------|
| Component Description: | Project Management |
| Amount: | \$2,009.35 |

| | |
|-------------------------------|---|
| Component Description: | Transition Related Project Management Costs |
| Amount: | \$3,000.00 |

| | |
|-------------------------------|-----------------------|
| Component Description: | Project Management |
| Amount: | \$1,831.85 |

| | | |
|--|-------------------------------|--------------------|
| | Component Description: | Project Management |
| | Amount: | \$2,364.40 |
| | Component Description: | Project Management |
| | Amount: | \$1,816.25 |
| | Component Description: | Project management |
| | Amount: | \$1,366.05 |
| | Component Description: | Project Management |
| | Amount: | \$3,377.30 |
| | Component Description: | Project Management |
| | Amount: | \$5,389.60 |
| | Component Description: | Project Management |
| | Amount: | \$2,033.70 |
| | Component Description: | Project Management |
| | Amount: | \$3,980.65 |
| Prepare and or review reimbursement form | Information not provided. | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-------------------------------|---|----------------|----------|-------------------------------|--------------------------|----------------|----------|-------------------------------|----------------------------|----------------|------------|-------------------------------|--|----------------|----------|-------------------------------|--|----------------|----------|-------------------------------|--|----------------|----------|
| <p>Address transition timing and coordination issues w/ other stations and wireless</p> | <table> <tr> <td data-bbox="710 168 1013 212">Component Description:</td><td data-bbox="1149 168 1412 481"> <p>Various discussions regarding KWQC-TV's transition and upstream dependency with WAND/Decatur</p> </td></tr> <tr> <td data-bbox="710 448 821 492">Amount:</td><td data-bbox="1149 448 1252 492">\$225.00</td></tr> </table> | Component Description: | <p>Various discussions regarding KWQC-TV's transition and upstream dependency with WAND/Decatur</p> | Amount: | \$225.00 | | | | | | | | | | | | | | | | | | | | |
| Component Description: | <p>Various discussions regarding KWQC-TV's transition and upstream dependency with WAND/Decatur</p> | | | | | | | | | | | | | | | | | | | | | | | | |
| Amount: | \$225.00 | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Perform engineering study for new channel assignment and antenna development</p> | <table> <tr> <td data-bbox="710 616 1013 660">Component Description:</td><td data-bbox="1149 616 1412 862"> <p>REview prospective reconfiguration and reposition of FM station antenna</p> </td></tr> <tr> <td data-bbox="710 828 821 873">Amount:</td><td data-bbox="1149 828 1252 873">\$437.50</td></tr> <tr> <td data-bbox="710 963 1013 1008">Component Description:</td><td data-bbox="1149 963 1412 1041"> <p>RF Consulting fee</p> </td></tr> <tr> <td data-bbox="710 1008 821 1052">Amount:</td><td data-bbox="1149 1008 1252 1052">\$562.50</td></tr> <tr> <td data-bbox="710 1142 1013 1187">Component Description:</td><td data-bbox="1149 1142 1412 1254"> <p>Consulting Engineer</p> </td></tr> <tr> <td data-bbox="710 1220 821 1265">Amount:</td><td data-bbox="1149 1220 1268 1265">\$1,550.00</td></tr> <tr> <td data-bbox="710 1355 1013 1400">Component Description:</td><td data-bbox="1149 1355 1412 1512"> <p>KWQC-530-RF Eng new channel study- \$650.00</p> </td></tr> <tr> <td data-bbox="710 1478 821 1523">Amount:</td><td data-bbox="1149 1478 1252 1523">\$650.00</td></tr> <tr> <td data-bbox="710 1612 1013 1657">Component Description:</td><td data-bbox="1149 1612 1412 1769"> <p>KWQC-530-RF Eng new channel study</p> </td></tr> <tr> <td data-bbox="710 1736 821 1780">Amount:</td><td data-bbox="1149 1736 1252 1780">\$200.00</td></tr> <tr> <td data-bbox="710 1870 1013 1915">Component Description:</td><td data-bbox="1149 1870 1412 2027"> <p>KWQC-530-RF Eng new channel study</p> </td></tr> <tr> <td data-bbox="710 1993 821 2038">Amount:</td><td data-bbox="1149 1993 1252 2038">\$225.00</td></tr> </table> | Component Description: | <p>REview prospective reconfiguration and reposition of FM station antenna</p> | Amount: | \$437.50 | Component Description: | <p>RF Consulting fee</p> | Amount: | \$562.50 | Component Description: | <p>Consulting Engineer</p> | Amount: | \$1,550.00 | Component Description: | <p>KWQC-530-RF Eng new channel study- \$650.00</p> | Amount: | \$650.00 | Component Description: | <p>KWQC-530-RF Eng new channel study</p> | Amount: | \$200.00 | Component Description: | <p>KWQC-530-RF Eng new channel study</p> | Amount: | \$225.00 |
| Component Description: | <p>REview prospective reconfiguration and reposition of FM station antenna</p> | | | | | | | | | | | | | | | | | | | | | | | | |
| Amount: | \$437.50 | | | | | | | | | | | | | | | | | | | | | | | | |
| Component Description: | <p>RF Consulting fee</p> | | | | | | | | | | | | | | | | | | | | | | | | |
| Amount: | \$562.50 | | | | | | | | | | | | | | | | | | | | | | | | |
| Component Description: | <p>Consulting Engineer</p> | | | | | | | | | | | | | | | | | | | | | | | | |
| Amount: | \$1,550.00 | | | | | | | | | | | | | | | | | | | | | | | | |
| Component Description: | <p>KWQC-530-RF Eng new channel study- \$650.00</p> | | | | | | | | | | | | | | | | | | | | | | | | |
| Amount: | \$650.00 | | | | | | | | | | | | | | | | | | | | | | | | |
| Component Description: | <p>KWQC-530-RF Eng new channel study</p> | | | | | | | | | | | | | | | | | | | | | | | | |
| Amount: | \$200.00 | | | | | | | | | | | | | | | | | | | | | | | | |
| Component Description: | <p>KWQC-530-RF Eng new channel study</p> | | | | | | | | | | | | | | | | | | | | | | | | |
| Amount: | \$225.00 | | | | | | | | | | | | | | | | | | | | | | | | |

| | | |
|--|---|---|
| | Component Description: Amount: | Perform engineering study for new channel assignment \$1,850.00 |
| | Component Description: Amount: | Antenna configuration and develop final ERP and parameters for initial CP application \$3,512.50 |
| | Component Description: Amount: | Repack Ch-17 remarks regarding antenna proposals \$200.00 |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | Component Description: Amount: | Consulting Engineer \$675.00 |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | Component Description: Amount: | KWQC-530-RF Eng 2100 license to cover \$800.00 |
| | Component Description: Amount: | KWQC-530-RF Eng 2100 license to cover \$250.00 |

| | |
|--|--|
| Prepare request for Special Temporary Authorization | <div> Component Description: Interim operation on pre-auction Ch-36 </div> <div> Amount: \$1,025.00 </div> <div> Component Description: KWQC-530-RF Eng STA </div> <div> Amount: \$525.00 </div> |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | <div> Component Description: Research loss area consideration for CP application </div> <div> Amount: \$327.50 </div> <div> Component Description: File 2100 CP application </div> <div> Amount: \$196.50 </div> |
| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application | Information not provided. |
| RF Exposure Measurements | <div> Component Description: RFR survey of Bettendorf Tower Site all inclusive </div> <div> Amount: \$4,500.00 </div> |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | <div> Component Description: KWQC-550-Attorney Fees STA </div> <div> Amount: \$370.00 </div> |

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 | \$128,018.95 | \$115,763.95 | | \$82,600.14 | |
| Develop and air announcement of upcoming channel change | <i>\$5,000.00</i> | \$5,000.00 | N/A | N/A | N/A |
| MVPD Notification of Channel Change | <i>\$2,000.00</i> | \$2,000.00 | see Estimated Cost Justification KWQC-610-MVPD Notifications v0 | \$2,000.00 | N/A |
| License to Cover Aux FCC Filing Fees | <i>\$335.00</i> | \$335.00 | Please see Gray KWQC License to Cover (Aux), License to Cover (Aux) FCC Filing Fees Budget Justification Letter | N/A | N/A |

| | | | | | |
|--|--------------------|-------------|--|-------------|-----|
| Construction Permit Aux FCC Filing Fees | \$1,110.00 | \$1,110.00 | Please see Gray KWQC Construction Permit (Aux) Application and Construction Permit (Aux) FCC Filing Fees Budget Justification Letter | N/A | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | \$16,050.00 | \$16,050.00 | N/A | \$15,062.19 | N/A |
| Non-zoning permits | \$7,541.00 | \$7,541.00 | N/A | \$0.00 | N/A |
| FCC Filing Fees - Special Temporary Authorization request | \$195.00 | \$600.00 | see Estimated Cost Justification KWQC-610-STA FCC Filing Fees v1 | \$600.00 | N/A |
| FCC Filing Fees - Form 2100 license to cover application | \$335.00 | \$335.00 | see Estimated Cost Justification KWQC-610-License to Cover FCC Filing Fees v0 | \$335.00 | N/A |
| FCC Filing Fees - Form 2100 minor change CP application | \$1,110.00 | \$1,070.00 | N/A | N/A | N/A |

| | | | | | |
|---|--------------------|----------------|---|----------------|-----|
| DTV Medical Facility Notification | \$11,550.00 | \$2,860.00 | N/A | \$2,860.00 | N/A |
| AM Pattern Disturbance -- Remedy | \$21,050.00 | \$17,120.00 | N/A | N/A | N/A |
| Reimbursable Sales Taxes | \$49,807.95 | \$49,807.95 | ***System Notice: Estimate adjusted and locked because line has been superseded. *** | \$49,807.95 | N/A |
| Equipment Delivery and Handling Charges | \$11,935.00 | \$11,935.00 | ***System Notice: Estimate adjusted and locked because line has been superseded. *** | \$11,935.00 | N/A |
| Sub-total | \$128,018.95 | \$115,763.95 | N/A | \$82,600.14 | N/A |
| Total for all systems | \$3,315,995.14 | \$2,433,866.28 | N/A | \$2,262,602.63 | N/A |

Components

| Actual Information | |
|---|---|
| Description | File Name |
| Develop and air announcement of upcoming channel change | Information not provided. |
| MVPD Notification of Channel Change | Component Description: Flat Fee \$2000. Amount: \$2,000.00 |

| | | |
|--|---|---|
| License to Cover Aux FCC Filing Fees | Information not provided. | |
| Construction Permit Aux FCC Filing Fees | Information not provided. | |
| Disposal Costs (for equipment and other waste, net of any salvage value) | Component Description: Amount: | KWQC-610- Disposal Costs \$5,617.50 |
| | Component Description: Amount: | 1 Waste Container 20 Cu Yd \$617.19 |
| | Component Description: Amount: | KWQC-610- Disposal Costs \$8,827.50 |
| | Component Description: Amount: | Invoice being resubmitted to correct invoice errors N/A |
| Non-zoning permits | Information not provided. | |
| FCC Filing Fees - Special Temporary Authorization request | Component Description: Amount: | KWQC-610-STA FCC Filing Fees \$200.00 |
| | Component Description: Amount: | Total Professional Services \$200.00 |
| | Component Description: Amount: | Professional Services \$200.00 |

| | |
|--|---|
| FCC Filing Fees - Form 2100 license to cover application | Component Description: KWQC-610- License to Cover FCC Filing Fees Amount: \$335.00 |
| FCC Filing Fees - Form 2100 minor change CP application | Information not provided. |
| DTV Medical Facility Notification | Component Description: Project Management Amount: \$2,860.00 |
| AM Pattern Disturbance -- Remedy | Information not provided. |
| Reimbursable Sales Taxes | Component Description: KWQC-610- Reimbursable Taxes Amount: \$49,807.95 |
| Equipment Delivery and Handling Charges | Component Description: KWQC-610- Equipment Delivery Amount: \$11,935.00 |

| Cost Information | Grand Total | | | |
|------------------|-----------------------|-----------------------------|----------------|----------------|
| | | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
| | Total for all systems | \$3,315,995.14 | \$2,433,866.28 | \$2,262,602.63 |

| 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.

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.

**Robert
Folliard , III**
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*Assistant
Secretary*

07/13/2020

| Certification | Section | Question | Response |
|---------------|--|--|----------|
| | Submission of Actual Cost Documentation Statements | <p>WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).</p> | |
| | | <ol style="list-style-type: none"> 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>Robert Folliard , III . <i>Assistant Secretary</i></p> <p>07/13/2020</p> |

Attachments