Approved by OMB (Office of Management and Budget) 3060-1178

Federal Communications Commission

(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility ID: **73195** | Service: **DTV** | Call Sign: **WKYC** | Channel: **19 (UHF)**

File Number: **0000028022**

FRN: **0024376642** | Date Submitted: **07/17/2019**

## Applicant Information

### Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|---|---|---|---|---|
| **WKYC-TV, LLC** | Denise Branson, Sr. Paralegal<br>TEGNA Inc.<br>8350 Broad Street, Suite 2000<br>Tysons, VA 22102<br>United States | +1 (703) 873-6606 | dbranson@TEGNA.com | 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 |
|---|---|---|---|
| **Jeffrey Johnson , Johnson .**<br>*Vice President Projects*<br>*TEGNA* | Jeffrey Johnson<br>7950 Jones Branch Drive<br>McLean, VA 22102<br>United States | +1 (703) 873-6736 | jsjohnson@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 | WKYC operates on a shared tower with WVIZ. Each stations has separate transmitters antennas and transmission lines. WKYC Will be replacing the Primary and Aux antenna, transmission line and transmitter. |

## 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 | PWR60 D2 |
| | Year | 2008 |
| | Type | Inductive Output Tube |
| | IOT Power Type | Two |
| | Power Capacity | 60 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 90 |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 56.4 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 49.6 kW based on initial 90-day filing CP. This would require a ULXTE-80. A 1-Step-Up is the ULXTE-90 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) | Yes |
| | Power | 300 kVA |
| | 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? | 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 leashold improvement? | Yes |
| | Size | 900.0 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 Transmitter

### Other Transmitter Cost Not Listed

| Name | Description |
| --- | --- |
| **Mask Filter** | Mask Filter |
| **RF Accessories** | RF Accessories |
| **Installation and Proof** | Installation and Proof |

## Antennas

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

## Auxiliary Antenna

### Existing Antenna Information

| Section | Question | Response |
|---|---|---|
| **Existing Antenna Description** | Type of change | Purchase New |
| | Antenna Use | Auxiliary (Backup) |
| | Description of Use | Use during maintenance or tower work |
| | 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 | Side Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Horizontal |
| | Type | Slotted Coaxial |
| | Number of Stations Supported | N/A |
| | Number of Panels | N/A |
| | Design power capacity in use | N/A |
| | Lower Limit | N/A |
| | Upper Limit | N/A |
| | Other Antenna Type | N/A |

| | |
|---|---|
| ERP: (Effective Radiated Power) | 930.0 kW |
| Manufacturer | |
| Model | TFU24DSC-R 4C150 |
| Year | 2008 |

## Auxiliary Antenna

### New Antenna Costs

| Section | Question | Response |
|---|---|---|
| **New Antenna Description** | Use | Auxiliary (Backup) |
| | Description of Use | used during line repair or other tower maintenance |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | 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 | Side Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Horizontal |
| | Type | Broadband Slot |
| | Number of Stations Supported | 1 |
| | Number of Panels/Bays | 24 |
| | Lower Limit | 488.00 MHz |
| | Upper Limit | 494.00 MHz |
| | Design power capacity in use | 100.0 % |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 930.0 kW |

| | |
|---|---|
| Manufacturer | |
| Model | TFU-24WB-R C160 |
| Year | 2019 |
| Justification for New Antenna | Station has a licensed AUX facility and must be replaced. It is necessary to keep station on air during primary antenna replacement & for duration of assigned phase. A TFU-24WB cost is equivalent to a single-channel slot AUX antenna. |

## Auxiliary Antenna

### Other Antenna Costs

| Section | Question | Response |
|---|---|---|
| **Combiner for Shared Antenna** | Do you need a Combiner for a Shared Antenna? | No |
| | Type | |
| | Number of channels supported | N/A |
| | Frequencies of channels supported | N/A |
| | Frequency | N/A |
| | Do you need a combiner output splitter /switcher for dual feed lines? | N/A |

| | | |
|---|---|---|
| **Elbow Complex** | Do you require the separate purchase of the Elbow Complex? | Yes |
| | Broadband or Single Channel? | Broadband |
| | Feed Line Size | 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 |

## Auxiliary Antenna

### Other Antenna Cost Not Listed

| Name | Description |
|---|---|
| **Shipping** | $5,400 |

## 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 | Bottom |
| | 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) | 868.0 kW |
| | | |

| | |
|---|---|
| Manufacturer | |
| Model | TFU-20EBT-R 4C150 |
| Year | 2008 |

## Primary Antenna

### New Antenna Costs

| Section | Question | Response |
|---|---|---|
| **New Antenna Description** | Use | Primary (Main) |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | Yes |
| | Ownership | Owned |
| | Owner | N/A |
| | Is antenna shared? | No |
| | Is antenna directional? | 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 | Bottom |
| | Polarization | Elliptical |
| | Type | Slotted Coaxial |
| | Number of Stations Supported | N/A |
| | Number of Panels/Bays | N/A |
| | Lower Limit | N/A |
| | Upper Limit | N/A |
| | Design power capacity in use | N/A |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 911.0 kW |
| | Manufacturer | |

| | | |
|---|---|---|
| | Model | TFU-20EBT /VP -R 4C150 |
| | Year | 2019 |
| | Justification for New Antenna | Licensed top-mount, bottom-stack antenna cannot be re-tuned for new post-transition frequency and must be replaced. The station is opting to Upgrade the antenna changing to Elliptical polarization. |

**Primary Antenna**

### Other Antenna Costs

| Section | Question | Response |
|---|---|---|
| **Combiner for Shared Antenna** | Do you need a Combiner for a Shared Antenna? | No |
| | Type | |
| | Number of channels supported | N/A |
| | Frequencies of channels supported | N/A |
| | Frequency | N/A |
| | Do you need a combiner output splitter /switcher for dual feed lines? | N/A |
| **Elbow Complex** | Do you require the separate purchase of the Elbow Complex? | Yes |
| | Broadband or Single Channel? | Single Channel |

| | | |
|---|---|---|
| | Feed Line Size | 6 1/8 inches inches |
| **Side Mount Brackets** | Do you require the separate purchase of side mount brackets for a high power antenna? | No |
| **Pattern Scatter Analysis** | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | No |
| **Sweep Test** | Do you require the sweep testing of transmission line and antenna? | Yes |

**Primary Antenna**

### Other Antenna Cost Not Listed

| Name | Description |
|---|---|
| **Shipping** | $9,800 |
| **New Top Plate** | Existing top-plate and/or bolt pattern may not work for new top-mount antenna |

## Transmission Line

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

## Auxiliary Transmission Line

### Existing Transmission Line

| Section | Question | Response |
|---|---|---|
| **Existing Transmission Line Description** | Type of change | Purchase New |
| | Use | Auxiliary (Backup) |
| | Description of Use | backup for tower work and maintenance |
| | 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 | 1160 feet per run |

## Auxiliary Transmission Line

### New Transmission Line

| Section | Question | Response |
|---|---|---|
| **New Transmission Line Costs** | Use | Auxiliary (Backup) |
| | Description of Use | Backup for maintenance and tower work |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Type | Rigid |
| | Diameter | 6 1/8 inches |
| | Other Diameter | N/A |
| | Segment Length | 19 3/4 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 875 feet per run |
| | Justification for New Transmission Line | Existing AUX TX line will not work on new channel assignment. Therefore, station must replace existing AUX TX line with new 19-3/4 ft section line for CH19. |

## Auxiliary 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. |

## 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 | 20 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 1170 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 | 1170 feet per run |
| | Justification for New Transmission Line | Existing 6-1/8" rigid transmission line uses section lengths that are prohibited for post-transition Channel 19. Therefore, station must replace existing line with new 6-1/8" rigid transmission line made up of 20 ft sections. |

## 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 | Owned |
| | Is this tower consider Complex? | |
| | Is this tower currently shared with any other stations? | Yes |
| | One or more FM, AM or TV radio broadcaster(s) | Yes |
| | Others Types of Users | No |
| | Is tower documented for structural analysis? | No |
| | Is tower compliant with Rev G? | Yes |
| **Existing Tower Structure Registration** | Do you have a tower registration number? | Yes |
| | ASR Number | 1265403 |
| **Coordinates (NAD83 ( North American Datum of 1983))** | Latitude (NAD83) | 41° 23' 09.9" N- |
| | Longitude (NAD83) | 081° 41' 20.7" W- |
| | Overall Structure Height | 912.06 feet |
| | Support Structure Height | 912.06 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 1040.01 feet |

| | |
|---|---|
| Structure Type | TOWER - Free Standing or Guyed Structure |
| Tower Owner | 6600 Broadview LLC |
| Date Constructed | 06/05/2009 |

### 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 |
|---|---|---|
| 18753 | WVIZ | DTV |

**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 | Other |
| **Helicopter Services Required** | Are helicopter services required? | No |

| | Other Tower Expenses Not Listed |
| --- | --- |
| **Primary Tower** | 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 | 1000 |
| | 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 | Yes |
| | For Main Facility | Yes |
| | Prepare engineering section of Form FCC License to Cover Application | Yes |
| | For Auxiliary Facility | Yes |
| | For Main Facility | Yes |
| | Prepare request for Special Temporary Authority | Yes |
| | | |

| | | |
|---|---|---|
| | Quantity | 2 |
| | Do you have Distributed Transmission System engineering services? | N/A |
| | Critical Facility | N/A |
| | Terrain-Shielded Facility | N/A |
| **Attorney and Other Outside Consulting Services** | Prepare and file Form FCC Construction Permit Application | Yes |
| | For Auxiliary Facility | Yes |
| | For Main Facility | Yes |
| | Prepare and file Form FCC License to Cover Application | Yes |
| | For Auxiliary Facility | Yes |
| | For Main Facility | Yes |
| | Prepare request for Special Temporary Authority | Yes |
| | Quantity | 2 |
| | NEPA Section 106 environmental review | No |
| | Environmental Assessment | No |
| | ASR Modification | Yes |
| | FAA Consultation (including preparation of FAA Form 7460) | Yes |
| | Negotiation of Lease and other Matter for Shared Locations | No |
| | Prepare or Review FCC Form 399 for Reimbursement | Yes |
| | Address transition timing and coordination issues w/ other stations and wireless providers | Yes |
| **RF Field Engineering Services** | Comprehensive coverage verification via field study | Yes |
| | RF exposure measurements | Yes |
| | Additional Field Engineering Service | Yes |

| | |
|---|---|
| Number of Days | 20 |
| Justification | $2,500 per site visit including expenses x 20 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 |
|---|---|
| **Installation Services** | This cost originally listed under installation services. Relocated per FCC staff instructions. |
| **Pre filing site review** | outside engineering firm to review facilities before filling |
| **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 | No |
| | 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 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 90** | **$2,870,377.21** | **$2,468,685.20** | | **$1,442,800.85** | |
| Installation and Proof | ***$82,198.75*** | $82,198.75 | See Gates Air ULXTE-90 quote | $40,845.25 | N/A |
| RF Accessories | ***$52,893.86*** | $52,893.86 | Please see Gates Air ULXTE-90 quote | $24,864.97 | N/A |
| Mask Filter | ***$70,609.60*** | $70,609.60 | Per instructions of FCC staff, station is breaking out cost of Mask Filter. | $35,304.79 | N/A |
| Other -- Building Addition Size: 900.0 | ***$809,675.00*** | $809,675.00 | 900 square foot expansion for new transmitter, including professional fees. See attached WKYC Building justification. | $617,647.72 | 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. | $14,190.00 | N/A |
| 3" Rigid Conduit and Wiring (Cost per foot) | $5,200.00 | $4,900.00 | N/A | N/A | N/A |
| Transformer 3 phase /480v - 300 KVA | $36,800.00 | $14,866.49 | N/A | $5,737.19 | N/A |
| UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW | $1,788,000.00 | $1,408,541.50 | Replacement per Gates Air quote. Includes TAX | $704,210.93 | N/A |
| **Sub-total** | $2,870,377.21 | $2,468,685.20 | N/A | $1,442,800.85 | N/A |
| **Total for all systems** | $5,377,035.10 | $4,804,885.41 | N/A | $2,454,498.08 | N/A |

## Components

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

| | | |
|---|---|---|
| Installation and Proof | **Component Description:** | Inv JW30004450-1 WKYC TX Install 1 3rd dp UL20180713jg v1 |
| | **Amount:** | $27,230.17 |
| | **Component Description:** | Gates inv #JW30004450-1A TX Install 1 6th dp UL20190214jgv1 |
| | **Amount:** | $13,615.08 |
| RF Accessories | **Component Description:** | Gates inv #JW30004450-1A TX RF accessories 1 6th dp UL20190214jgv1 |
| | **Amount:** | $8,288.32 |
| | **Component Description:** | Inv JW30004450-1 WKYC TX RF accessories 1 3rd dp UL20180713jg v1 |
| | **Amount:** | $16,576.65 |
| Mask Filter | **Component Description:** | Inv JW30004450-1 WKYC TX Mask Filter 1 3rd dp UL20180713jg v1 |
| | **Amount:** | $23,536.53 |
| | **Component Description:** | Gates inv #JW30004450-1A TX Mask Filter 1 6th dp UL20190214jgv1 |
| | **Amount:** | $11,768.26 |

| | | |
|---|---|---|
| Other -- Building Addition<br>Size: 900.0 | **Component Description:** | Inv 265370 WKYC Design Devel UL20180705jg v1 |
| | **Amount:** | $2,884.87 |
| | **Component Description:** | Donleys inv #1105-02 TX Bldg Addition pmt 2 UL20190130jgv1 |
| | **Amount:** | $241,164.27 |
| | **Component Description:** | Donleys inv #1105-01 TX Bldg Addition UL20181106jgv1 |
| | **Amount:** | $119,311.20 |
| | **Component Description:** | Vocon inv #265447 Design Devel UL20181026jg v1 |
| | **Amount:** | $5,476.41 |
| | **Component Description:** | WKYC Osborn inv #29267 Civil Eng UL20180801jg v2 |
| | **Amount:** | $3,909.60 |
| | **Component Description:** | WKYC Osborn inv #29512 Civil Eng UL20180815jg v1 |
| | **Amount:** | $7,457.20 |
| | **Component Description:** | Donleys inv #1105-03 TX Bldg Addition pmt 3 UL20190402jgv1 |
| | **Amount:** | $242,920.58 |

| | | |
|---|---|---|
| Other Electrical Service: Additional electrical services required for transmitter installation, including heat exchangers, transformers, cooling pumps, etc. | **Component Description:**<br><br>**Amount:** | Vocon inv #267251 Tech Eng Srvcs UL20190222jgv1<br>$14,190.00 |
| 3" Rigid Conduit and Wiring (Cost per foot) | Information not provided. | |
| Transformer 3 phase/480v - 300 KVA | **Component Description:**<br><br>**Amount:** | Gates inv #JW30004450-1A TX Electrical 1 6th dp UL20190214jgv1<br>$1,912.39 |
| | **Component Description:**<br><br>**Amount:** | Inv JW30004450-1 WKYC TX Electrical 1 3rd dp UL20180713jg v1<br>$3,824.80 |
| UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW | **Component Description:**<br><br>**Amount:** | Gates inv #JW30004450-1A Transmitter 1 6th dp UL20190214jgv1<br>$234,736.97 |
| | **Component Description:**<br><br>**Amount:** | Inv JW30004450-1 WKYC Transmitter 1 3rd dp UL20180713jg v1<br>$469,473.96 |

## 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-20EBT /VP -R 4C150** | **$340,330.00** | **$313,570.00** | | **$253,360.49** | |
| New Top Plate | ***$25,000.00*** | $25,000.00 | Existing top-plate and/or bolt pattern may not work for new top-mount antenna | N/A | N/A |
| Sweep test of existing antenna | $6,730.00 | $6,400.00 | N/A | $5,760.00 | N/A |
| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized | $289,500.00 | $263,670.00 | N/A | $237,303.00 | N/A |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed) | $12,300.00 | $11,700.00 | N/A | $10,297.49 | N/A |

| | | | | | |
|---|---|---|---|---|---|
| Shipping | ***$6,800.00*** | $6,800.00 | N/A | N/A | N/A |
| **Auxiliary Antenna TFU-24WB-R C160** | **$216,598.34** | **$214,158.34** | | **$163,488.34** | |
| Shipping | ***$7,278.34*** | $7,278.34 | See attached invoices | $7,278.34 | N/A |
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | $5,260.00 | $5,000.00 | N/A | N/A | N/A |
| Side mount brackets for high power antennas (if not included in antenna base cost) | $23,150.00 | $22,000.00 | N/A | N/A | N/A |
| UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 930 kW input, directional,, horizontally polarized | ***$160,480.00*** | $160,480.00 | N/A | $150,450.00 | N/A |
| Sweep test of existing antenna | $6,730.00 | $6,400.00 | N/A | $5,760.00 | N/A |

| | | | | | |
|---|---|---|---|---|---|
| Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed) | $13,700.00 | $13,000.00 | N/A | $0.00 | N/A |
| **Sub-total** | $556,928.34 | $527,728.34 | N/A | $416,848.83 | N/A |
| **Total for all systems** | $5,377,035.10 | $4,804,885.41 | N/A | $2,454,498.08 | N/A |

## Components

| Actual Information Description | File Name |
|---|---|
| New Top Plate | Information not provided. |
| Sweep test of existing antenna | **Component Description:** Die inv #MAN00845 Sweep 45 pct pmt 1 UL20190123jgv1<br>**Amount:** $2,880.00<br><br>**Component Description:** Die inv #MAN00845 Sweep 45 pct pmt 1 UL20190412jgv3<br>**Amount:** $2,880.00<br><br>**Component Description:** Die inv #MAN01146 Sweep 45 pct pmt 2 UL20190418jgv1<br>**Amount:** $2,880.00 |

| | | |
|---|---|---|
| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized | **Component Description:**<br><br><br><br>**Amount:** | Die inv #MAN00845 Primary ant 45 pct pmt 1 UL20190412jgv3<br>$118,651.50 |
| | **Component Description:**<br><br><br><br>**Amount:** | Die inv #MAN01146 Primary ant 45 pct pmt 2 UL20190418jgv1<br>$118,651.50 |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed) | **Component Description:**<br><br><br><br>**Amount:** | Die inv #MAN01146 Elbow complex 45 pct pmt 2 UL20190418jgv1<br>$4,633.87 |
| | **Component Description:**<br><br>**Amount:** | Die 495002 v190716pmv1<br>$1,029.75 |
| | **Component Description:**<br><br><br><br>**Amount:** | Die inv #MAN00845 Elbow complex 45 pct pmt 1 UL20190123jgv1<br>$4,633.87 |
| | **Component Description:**<br><br><br><br>**Amount:** | Die inv #MAN00845 Elbow complex 45 pct pmt 1 UL20190412jgv3<br>$4,633.87 |
| Shipping | Information not provided. | |

| | | |
|---|---|---|
| Shipping | **Component Description:**<br><br><br><br>**Amount:**<br><br><br><br>**Component Description:**<br><br>**Amount:** | Die inv #464003 Freight for Sales Order 1696505 UL20190418jgv1<br>$938.34<br><br>Die 389007 v190716pmv1<br>$6,340.00 |
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | Information not provided. | |
| Side mount brackets for high power antennas (if not included in antenna base cost) | Information not provided. | |
| UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 930 kW input, directional,, horizontally polarized | **Component Description:**<br><br>**Amount:**<br><br>**Component Description:**<br><br><br>**Amount:**<br><br>**Component Description:**<br><br><br>**Amount:** | Die 373001 v190716pmv1<br>$15,045.00<br><br>Die inv #MAN00841 Aux TX ant 45 pct pmt 1 UL20190124jgv1<br>$67,702.50<br><br>Die inv #MAN00880 Aux TX ant 45 pct pmt 2 UL20180706jgv1<br>$67,702.50 |

| | | |
|---|---|---|
| Sweep test of existing antenna | **Component Description:**<br><br><br><br>**Amount:**<br><br><br><br>**Component Description:**<br><br><br><br>**Amount:** | Die inv #MAN00880 Aux sweep 45 pct pmt 2 UL20180706jgv1<br>$2,880.00<br><br>Die inv #MAN00841 Aux sweep 45 pct pmt 1 UL20190124jgv1<br>$2,880.00 |
| Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed) | Information not provided. | |

## Cost Information

### Transmission Line

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|---|---|---|---|---|
| **Primary Transmission Line** | **$242,740.00** | **$162,465.23** | | **$156,065.23** | |
| TX Line Sweep | ***$6,400.00*** | $6,400.00 | N/A | N/A | N/A |
| Rigid Transmission Line - copper, 6 1/8" | $236,340.00 | $156,065.23 | Dielectric's transmission line prices increased. | $156,065.23 | N/A |
| **Auxiliary Transmission Line** | **$183,150.00** | **$184,017.09** | | **$162,093.40** | |
| TX Line Sweep | ***$6,400.00*** | $6,400.00 | N/A | N/A | N/A |
| Rigid Transmission Line - copper, 6 1/8" | $176,750.00 | $177,617.09 | Dielectric's transmission line prices increased. | $162,093.40 | N/A |
| **Sub-total** | $425,890.00 | $346,482.32 | N/A | $318,158.63 | N/A |
| **Total for all systems** | $5,377,035.10 | $4,804,885.41 | N/A | $2,454,498.08 | N/A |

### Components

| Actual Information Description | File Name |
|---|---|
| TX Line Sweep | Information not provided. |

| | | |
|---|---|---|
| Rigid Transmission Line - copper, 6 1/8" | **Component Description:** | Die inv #444012 Cut TX line pc freight UL20190328jgv1 |
| | **Amount:** | $828.32 |
| | **Component Description:** | Die 495002 v190716pmv1 |
| | **Amount:** | $15,523.69 |
| | **Component Description:** | Die inv #MAN01146 Main line 45 pct pmt 2 UL20190418jgv1 |
| | **Amount:** | $69,856.61 |
| | **Component Description:** | Die inv #MAN00845 Main line 45 pct pmt 1 UL20190123jgv1 |
| | **Amount:** | $69,856.61 |
| | **Component Description:** | Die inv #MAN00845 Main line 45 pct pmt 1 UL20190412jgv3 |
| | **Amount:** | $69,856.61 |
| TX Line Sweep | Information not provided. | |

| | | |
|---|---|---|
| Rigid Transmission Line - copper, 6 1/8" | **Component Description:** | Die inv #MAN00880 Aux line 45 pct pmt 2 UL20180706jgv1 |
| | **Amount:** | $72,942.03 |
| | **Component Description:** | Die 373001 v190716pmv1 |
| | **Amount:** | $16,209.34 |
| | **Component Description:** | Die inv #MAN00841 Aux line 45 pct pmt 1 UL20190124jgv1 |
| | **Amount:** | $72,942.03 |

## Cost Information

### Tower Equipment and Rigging Costs

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|---|---|---|---|---|
| **Primary Tower TOWER** | **$868,300.00** | **$825,000.00** | | **$233,792.45** | |
| Major tower reinforcement /modifications | $421,000.00 | $400,000.00 | N/A | $233,792.45 | N/A |
| Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study | $26,300.00 | $25,000.00 | N/A | N/A | N/A |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | $421,000.00 | $400,000.00 | N/A | N/A | N/A |
| **Sub-total** | $868,300.00 | $825,000.00 | N/A | $233,792.45 | N/A |
| **Total for all systems** | $5,377,035.10 | $4,804,885.41 | N/A | $2,454,498.08 | N/A |

### Components

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

| | | |
|---|---|---|
| Major tower reinforcement /modifications | **Component Description:**<br>**Amount:** | Warmus 17975 v190514jgv1<br>$233,792.45 |
| Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study | Information not provided. | |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | Information not provided. | |

## Cost Information

### Outside Professional Services

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cos Justificatic |
|---|---|---|---|---|---|
| **Outside Professional Services** | **$487,088.55** | **$470,543.55** | | **$36,465.51** | |
| Other Legal Services | ***$10,000.00*** | $10,000.00 | Other Legal Services related to the DTV Repack | $424.09 | N/A |
| Pre filing site review | ***$20,000.00*** | $20,000.00 | N/A | N/A | N/A |
| Additional Field Engineering Service, 20 Days | ***$50,000.00*** | $50,000.00 | $2,500 per site visit including expenses x 20 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 | $20,000.00 | N/A | N/A | N/A |

| | | | | | |
|---|---|---|---|---|---|
| Comprehensive coverage verification via field study, if needed | $84,200.00 | $80,000.00 | N/A | N/A | N/A |
| 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 |
| ASR modification (prepare FCC Form 854) | $2,105.00 | $2,000.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | $7,360.00 | $7,000.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application | $2,365.00 | $2,250.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | $5,260.00 | $5,000.00 | N/A | N/A | N/A |
| Prepare request for Special Temporary Authorization | $4,100.00 | $3,000.00 | N/A | N/A | N/A |

| | | | | | |
|---|---|---|---|---|---|
| RF Consulting Engineer Fees-Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application | $1,580.00 | $1,500.00 | N/A | N/A | N/A |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | $1,580.00 | $1,500.00 | N/A | N/A | N/A |
| RF Consulting Engineer Fees-Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application | $2,105.00 | $2,000.00 | N/A | N/A | N/A |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | $3,155.00 | $3,000.00 | N/A | N/A | N/A |
| Perform engineering study for new channel assignment and antenna development | $7,360.00 | $7,000.00 | N/A | N/A | N/A |

| | | | | | |
|---|---|---|---|---|---|
| Address transition timing and coordination issues w/ other stations and wireless | $2,630.00 | $2,500.00 | N/A | N/A | N/A |
| Prepare and or review reimbursement form | $2,630.00 | $2,500.00 | N/A | $1,300.00 | N/A |
| Project management of the transition | $158,000.00 | $150,000.00 | 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. | $34,741.42 | N/A |
| Installation Services | ***$95,293.55*** | $95,293.55 | N/A | N/A | N/A |
| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application | $4,210.00 | $4,000.00 | N/A | N/A | N/A |
| **Sub-total** | $487,088.55 | $470,543.55 | N/A | $36,465.51 | N/A |

| | | | | | |
|---|---|---|---|---|---|
| **Total for all systems** | $5,377,035.10 | $4,804,885.41 | N/A | $2,454,498.08 | N/A |

## Components

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

| | |
|---|---|
| Other Legal Services | **Component Description:** Covington 60805585 v190513pmv1<br>**Amount:** $34.53<br><br>**Component Description:** Covington 60801029 v190712jgv2<br>**Amount:** $144.71<br><br>**Component Description:** Covington 60801032 v190715jgv2<br>**Amount:** $70.43<br><br>**Component Description:** Covington 60801032 v190510pmv1<br>**Amount:** $77.00<br><br>**Component Description:** Covington 60801032 v190530jgv2<br>**Amount:** $70.43<br><br>**Component Description:** Covington 60801029 v190513pmv1<br>**Amount:** $164.44<br><br>**Component Description:** Covington inv #60796723 Various Legal UL20181024jgv1<br>**Amount:** $174.42 |
| Pre filing site review | Information not provided. |

| | |
|---|---|
| Additional Field Engineering Service, 20 Days | Information not provided. |
| RF Exposure Measurements | Information not provided. |
| Comprehensive coverage verification via field study, if needed | Information not provided. |
| FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase | Information not provided. |
| ASR modification (prepare FCC Form 854) | Information not provided. |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | Information not provided. |
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application | Information not provided. |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | Information not provided. |
| Prepare request for Special Temporary Authorization | Information not provided. |
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application | Information not provided. |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | Information not provided. |

| | |
|---|---|
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application | Information not provided. |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | Information not provided. |
| Perform engineering study for new channel assignment and antenna development | Information not provided. |
| Address transition timing and coordination issues w/ other stations and wireless | Information not provided. |
| Prepare and or review reimbursement form | **Component Description:** Osborn 32833 v190613pmv1<br>**Amount:** $1,300.00 |

| | | |
|---|---|---|
| Project management of the transition | **Component Description:**<br><br><br><br>**Amount:** | Inv 29214 WKYC Proj Mgt 180428-180525 UL20180706jg v1<br>$4,350.00 |
| | **Component Description:**<br><br><br><br>**Amount:** | Osborn inv #28997 Proj Mgt March 31, 2018 - April 27, 2018 UL20190212jgv1<br>$6,725.00 |
| | **Component Description:**<br><br>**Amount:** | Osborn 33668 v190618pmv1<br>$300.00 |
| | **Component Description:**<br><br><br><br>**Amount:** | Osborn inv #28588 Proj Mgt thru March 30, 2018 UL20180815jgv1<br>$975.00 |
| | **Component Description:**<br><br><br><br>**Amount:** | Osborn inv #26015 Prof srvcs 170530 - 170728 UL20181107jg v1<br>$14,548.92 |
| | **Component Description:**<br><br><br><br>**Amount:** | Osborn inv #29833 Prof srvcs 180526 - 180629 UL20190207jgv1<br>$7,842.50 |
| Installation Services | Information not provided. | |

| | |
|---|---|
| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application | 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** | **$168,451.00** | **$166,446.00** | | **$6,431.81** | |
| Internal labor | ***$24,231.00*** | $24,231.00 | N/A | N/A | N/A |
| Develop and air announcement of upcoming channel change | ***$6,000.00*** | $6,000.00 | To create informational spot to notify public of the upcoming change. | $3,270.00 | N/A |
| Equipment Storage | ***$15,000.00*** | $15,000.00 | 2 flat bed trailers for 6 Months to store equipment. | $3,161.81 | N/A |
| Equipment Delivery and Handling Charges | ***$25,000.00*** | $25,000.00 | N/A | N/A | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | ***$25,000.00*** | $25,000.00 | N/A | N/A | N/A |
| Non-zoning permits | ***$25,000.00*** | $25,000.00 | N/A | N/A | N/A |
| Local Zoning | ***$1,200.00*** | $1,200.00 | Local construction permit. | N/A | N/A |
| FCC Filing Fees - Special Temporary Authorization request | $195.00 | $190.00 | N/A | N/A | N/A |

| | | | | | |
|---|---|---|---|---|---|
| FCC Filing Fees - Form 2100 license to cover application | $335.00 | $325.00 | N/A | N/A | N/A |
| DTV Medical Facility Notification | $11,550.00 | $11,000.00 | N/A | N/A | N/A |
| AM Pattern Disturbance -- Impact study | $7,890.00 | $7,500.00 | N/A | N/A | N/A |
| MVPD Notification of Channel Change | ***$6,000.00*** | $6,000.00 | to notify all MVPD's op up coming testing and transition plans for the market. | N/A | N/A |
| AM Pattern Disturbance -- Remedy | $21,050.00 | $20,000.00 | N/A | N/A | N/A |
| **Sub-total** | $168,451.00 | $166,446.00 | N/A | $6,431.81 | N/A |
| **Total for all systems** | $5,377,035.10 | $4,804,885.41 | N/A | $2,454,498.08 | N/A |

## Components

| **Actual Information Description** | **File Name** | |
|---|---|---|
| Internal labor | Information not provided. | |
| Develop and air announcement of upcoming channel change | **Component Description:**<br><br><br><br><br>**Amount:** | 2C Media inv #203806 Creation of channel change announcement UL20181016jgv1<br>$3,270.00 |

| | |
|---|---|
| Equipment Storage | **Component Description:** PMF 266815 v190614jgv1<br>**Amount:** $1,881.66<br><br>**Component Description:** PMF 278146 v190612jgv1<br>**Amount:** $367.20<br><br>**Component Description:** PMF 269251 v190510jgv1<br>**Amount:** $367.20<br><br>**Component Description:** PMF 267186 v190614jgv1<br>**Amount:** $97.20<br><br>**Component Description:** PMF 278701 v190618jgv1<br>**Amount:** $448.55 |
| 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. |
| DTV Medical Facility Notification | Information not provided. |

| | |
|---|---|
| AM Pattern Disturbance -- Impact study | Information not provided. |
| MVPD Notification of Channel Change | Information not provided. |
| AM Pattern Disturbance -- Remedy | Information not provided. |

## Cost Information

### Grand Total

| | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
|---|---|---|---|
| **Total for all systems** | $5,377,035.10 | $4,804,885.41 | $2,454,498.08 |

## 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** | 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. | |
| | 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.<br>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.<br>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. | **Jeffrey C Gehman**<br>*Engineering Associate*<br><br>07/17/2019 |

## 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 IMPRISIONMENT (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). | |
| | 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.<br>2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.<br>3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. | |

4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station’s facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD) .
6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

| | | |
|---|---|---|
| | 8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.<br>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. | |
| | I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above. | **Jeffrey C Gehman**<br>*Engineering Associate*<br><br>07/17/2019 |

## Attachments