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: **39664** | Service: **DTV** | Call Sign: **WCSH** | Channel: **31 (UHF)**

File Number: **0000028041**

FRN: **0030521983** | Date Submitted: **04/12/2021**

## Applicant Information

### Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|---|---|---|---|---|
| **TEGNA East Coast Broadcasting, LLC** | Denise A. Branson, Sr. Paralegal<br>8350 Broad Street<br>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 |
|---|---|---|---|
| **Gary Davis**<br>*Regional Head of Technology and Operations*<br>*TEGNA* | Gary Davis<br>8350 Broad Street<br>Suite 2000<br>Tysons, VA 22102<br>United States | +1 (404) 873-9199 | gadavis@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. | No |
| Briefly describe transition plan | WCSH will construct it's new assigned facility. this will require a new transmitter, antenna and interim antenna and line during the primary facility construction. |

## 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 | CDP3200 P2 |
| | Year | 2001 |
| | Type | Inductive Output Tube |
| | IOT Power Type | Two |
| | Power Capacity | 50 kW |

## Primary Transmitter

### New Transmitter Costs

| Section | Question | Response |
|---|---|---|
| **New Transmitter** | Use | Primary (Main) |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | Yes |
| | Manufacturer | |
| | Model | ULXTE 72 |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 47.2 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 36.6 kW based on initial 90-day filing CP. This would require a ULXTE-60. A 1-Step-Up is the ULXTE-72 and is therefore reimbursable. |

## Primary Transmitter

### Other Transmitter Costs

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

| | | |
|---|---|---|
| | Switchgear (industrial 800 amp) | No |
| | Transformer (480V) | No |
| | Power | N/A |
| | Rigid Conduit and Wiring | Yes |
| | Size | 3 inches |
| | Length | 100.0 feet |
| | Other Electrical Service | Yes |
| | Description | Additional electrical services required for transmitter installation, including heat exchangers, transformers, cooling pumps, etc. |
| **HVAC Service** | Does the replacement transmitter require HVAC Service? | 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 | 100.0 square feet |
| **Channel 14 Costs** | Is an RF Consulting Engineer needed? | N/A |
| | Is a channel 14 Mask Filer needed? | N/A |
| | Is additional field engineering time needed? | N/A |
| | Number of Days | N/A |

## Primary Transmitter

### Other Transmitter Cost Not Listed

| Name | Description |
| --- | --- |
| **Transmitter and RF Component Decommissioning** | Transmitter and RF Component Decommissioning |

## Antennas

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

## Primary Antenna

### Existing Antenna Information

| Section | Question | Response |
|---|---|---|
| **Existing Antenna Description** | Type of change | Purchase New |
| | Antenna Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is the existing antenna shared with another station or stations? | No |
| | Is the existing antenna directional? | Yes |
| | Is antenna in operating condition? | Yes |
| | Is antenna located on or in close proximity to an antenna farm? | No |
| **Existing Antenna Manufacturer and Type** | Class | Full Power |
| | Mounting | 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) | 1000.0 kW |
| | | |

| | |
|---|---|
| Manufacturer | |
| Model | TFU-28DSC-R 4C150 |
| Year | 2001 |

## Primary Antenna

### New Antenna Costs

| Section | Question | Response |
|---|---|---|
| **New Antenna Description** | Use | Primary (Main) |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | Yes |
| | Ownership | Owned |
| | Owner | N/A |
| | Is antenna shared? | No |
| | Is antenna directional? | Yes |
| | Will antenna be located on or in close proximity to an antenna farm? | No |
| **New Antenna Manufacturer and Types** | Class | Full Power |
| | Mounting | Side Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Elliptical |
| | Type | Slotted Coaxial |
| | Number of Stations Supported | N/A |
| | Number of Panels/Bays | N/A |
| | Lower Limit | N/A |
| | Upper Limit | N/A |
| | Design power capacity in use | N/A |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 775.0 kW |
| | Manufacturer | |

| | | |
|---|---|---|
| | Model | TFU-26DSC /VP-R 4C150 |
| | Year | 2018 |
| | Justification for New Antenna | Station's licensed horizontally polarized, side-mount, main antenna cannot be re-tuned and must be replaced for new channel assignment. |

## Primary Antenna

### Other Antenna Costs

| Section | Question | Response |
|---|---|---|
| **Combiner for Shared Antenna** | Do you need a Combiner for a Shared Antenna? | |
| | 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 | 7 3/16 inches inches |

| | | |
|---|---|---|
| **Side Mount Brackets** | Do you require the separate purchase of side mount brackets for a high power antenna? | Yes |
| **Pattern Scatter Analysis** | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | Yes |
| **Sweep Test** | Do you require the sweep testing of transmission line and antenna? | Yes |

## Primary Antenna

### Other Antenna Cost Not Listed

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

## 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? | Yes |
| | Will antenna be located on or in close proximity to an antenna farm? | No |
| **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 | 24 |
| | Lower Limit | 650.00 MHz |
| | Upper Limit | 656.00 MHz |
| | Design power capacity in use | 100.0 % |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 1000.0 kW |
| | Manufacturer | |
| | Model | TFU-24WB-R C160 |
| | Year | 2018 |

| | | |
|---|---|---|
| | Justification for New Antenna | An interim antenna is necessary to keep station on air during primary antenna replacement & for duration of assigned phase. TFU-24WB cost is equivalent to a single-channel slot interim antenna. A TFU-24WB is required to replicate existing coverage. |

## Interim Antenna

### Other Antenna Costs

| Section | Question | Response |
|---|---|---|
| **Elbow Complex** | Do you require the separate purchase of the Elbow Complex? | Yes |
| | Broadband or Single Channel? | B |
| | Feed Line Size | 6 1/8 inches |
| **Side Mount Brackets** | Do you require the separate purchase of side mount brackets for an antenna? | Yes |
| **Pattern Scatter Analysis** | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | Yes |
| **Sweep Test** | Do you require the sweep testing of transmission line and antenna? | Yes |

## Interim Antenna

### Other Antenna Cost Not Listed

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

## 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 | Utilize Existing |
| | 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 | Dielectric |
| | Type | Rigid |
| | Diameter | 7 3/16 inches |
| | Other Diameter | N/A |
| | Segment Length | 20 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 1400 feet per run |

## Primary Transmission Line

### Other Transmission Line Expenses Not Listed

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

## Interim Transmission Line

### New Transmission Line

| Section | Question | Response |
|---|---|---|
| **New Transmission Line Costs** | Use | Interim |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Type | Rigid |
| | Diameter | 6 1/8 inches |
| | Segment Length | Broadband |
| | Other Segment Length | |
| | Number of parallel runs | 1 |
| | Length | 1250 feet per run |

| | | |
|---|---|---|
| | Justification for New Transmission Line | Interim transmission line is necessary to keep station on air during primary antenna replacement & for duration of assigned phase. 6-1/8" rigid line is required to provide required power rating for replication ERP. |

## Interim Transmission Line

### Other Transmission Line Expenses Not Listed

| Name | Description |
|---|---|
| **TX Line Sweep** | Sweep required to verify new TX line measures well |

## 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? | No |
| | One or more FM, AM or TV radio broadcaster(s) | N/A |
| | Others Types of Users | N/A |
| | Is tower documented for structural analysis? | No |
| | Is tower compliant with Rev G? | No |
| **Existing Tower Structure Registration** | Do you have a tower registration number? | Yes |
| | ASR Number | 1055705 |
| **Coordinates (NAD83 ( North American Datum of 1983))** | Latitude (NAD83) | 43° 51' 30.0" N- |
| | Longitude (NAD83) | 070° 42' 39.0" W- |
| | Overall Structure Height | 1304.77 feet |
| | Support Structure Height | 1304.77 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 1228.33 feet |

| | |
|---|---|
| Structure Type | TOWER - Free Standing or Guyed Structure |
| Tower Owner | Pacific and Southern, LLC |
| Date Constructed | 01/01/1984 |

**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 | N/A |
| **Helicopter Services Required** | Are helicopter services required? | No |

**Primary Tower**

### Other Tower Expenses Not Listed

| Name | Description |
|---|---|
| **Insurance** | Insurance |

## Outside Professional Services Costs

| Section | Question | Response |
|---|---|---|
| **Outside Project Management Services** | Do you require outside project management services? | Yes |
| | Number of Hours | 850 |
| | Explanation | Fewer PM tasks are needed & OES & 399 work are needed, so the PM total has been reduced to $150x850hrs ($127500), a new OES component has been created & funded with part of the $ removed from PM,& "Prepare & or review reimbursement form" has been increased |
| **Outside RF consulting Engineering Services** | Perform engineering study for new channel assignment and antenna development | Yes |
| | Prepare engineering section of Form FCC Construction Permit Application | Yes |
| | For Auxiliary Facility | No |
| | For Main Facility | Yes |
| | Prepare engineering section of Form FCC License to Cover Application | Yes |
| | For Auxiliary Facility | No |
| | For Main Facility | Yes |
| | Prepare request for Special Temporary Authority | Yes |
| | Quantity | 2 |

| | | |
|---|---|---|
| | Do you have Distributed Transmission System engineering services? | N/A |
| | Critical Facility | N/A |
| | Terrain-Shielded Facility | N/A |
| **Attorney and Other Outside Consulting Services** | Prepare and file Form FCC Construction Permit Application | Yes |
| | For Auxiliary Facility | No |
| | For Main Facility | Yes |
| | Prepare and file Form FCC License to Cover Application | Yes |
| | For Auxiliary Facility | No |
| | For Main Facility | Yes |
| | Prepare request for Special Temporary Authority | Yes |
| | Quantity | 2 |
| | NEPA Section 106 environmental review | No |
| | Environmental Assessment | No |
| | ASR Modification | Yes |
| | FAA Consultation (including preparation of FAA Form 7460) | Yes |
| | Negotiation of Lease and other Matter for Shared Locations | 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 | It will be necessary to survey the site, plan the equipment, develop specifications for purchasing, & oversee multiple vendor RF projects. Station does not have available personnel or personnel trained in such services. |

## Outside Professional Services Costs

### Other Professional Services Expenses Not Listed

| Name | Description |
|---|---|
| **Other Legal Services** | Other Legal Services related to the DTV Repack |
| **Pre filing site review** | outside engineering firm to review all sites |
| **Other Engineering Services** | Other Engineering Services related to the DTV Repack |

## Other Expenses

| Section | Question | Response |
|---|---|---|
| **AM Pattern Disturbance** | Is an Impact Study needed? | No |
| | Is Remediation needed? | No |
| **Facility Expenses** | Name | N/A |
| | Other Distributed Transmission System Expenses Not listed | N/A |
| | Name | N/A |
| | Is Notification of a Medical Facility required as a result of DTV broadcasting? | Yes |
| **Permit and Filing Costs** | Local Zoning | Yes |
| | Non-zoning permits | Yes |
| | BLM or NFS Coordination | No |
| | FCC Construction Permit Minor Change | Yes |
| | FCC License to Cover Application | Yes |
| | FCC Special Temporary Authority Application | Yes |
| **Other Miscellaneous Expenses** | Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)? | Yes |
| | Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs? | Yes |
| | Does this relocation require Equipment Storage? | Yes |
| | Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change? | Yes |
| | Does this relocation require MVPD Notification of a Channel Change? | Yes |

## Other Expenses

### Other Expenses Not Listed

| Name | Description |
| --- | --- |
| **Internal labor** | Local and Corporate Labor |
| **Tele-handler forklift rental** | Tele-handler forklift rental |
| **Insurance** | Insurance |

## 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 Co Justificat |
|---|---|---|---|---|---|
| **Primary Transmitter ULXTE 72** | **$1,592,320.00** | **$1,519,020.00** | | **$1,441,038.82** | |
| Transmitter and RF Component Decommissioning | ***$24,520.00*** | $24,520.00 | See attached / uploaded PDF file titled "Q Comm QC20-310 v210212jgv1.pdf" | $24,520.00 | N/A |
| Other Electrical Service: Additional electrical services required for transmitter installation, including heat exchangers, transformers, cooling pumps, etc. | ***$64,600.00*** | $64,600.00 | Additional electrical services required for transmitter installation, including heat exchangers, transformers, cooling pumps, etc. See attached /uploaded PDF file titled "ESM 31737 v1911115jgv1.pdf" | $64,599.99 | N/A |
| 3" Rigid Conduit and Wiring (Cost per foot) | $5,200.00 | $4,900.00 | N/A | N/A | N/A |

| | | | | | |
|---|---|---|---|---|---|
| Other -- Building Addition Size: 100.0 | ***$25,000.00*** | $25,000.00 | New pad required for heat exchangers, transformers, pumps, etc. Equipment must also be shielded. | $0.00 | N/A |
| UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW | $1,473,000.00 | $1,400,000.00 | N/A | $1,351,918.83 | N/A |
| **Sub-total** | $1,592,320.00 | $1,519,020.00 | N/A | $1,441,038.82 | N/A |
| **Total for all systems** | $3,550,902.85 | $3,874,605.65 | N/A | $3,085,223.24 | N/A |

## Components

| Actual Information Description | File Name | |
|---|---|---|
| Transmitter and RF Component Decommissioning | **Component Description:**<br>**Amount:** | Q Comm QC20-310 v210212jgv1<br>$24,520.00 |
| Other Electrical Service: Additional electrical services required for transmitter installation, including heat exchangers, transformers, cooling pumps, etc. | **Component Description:**<br>**Amount:** | ESM 33051 v200217jgv1<br>$21,533.33 |
| | **Component Description:**<br>**Amount:** | ESM 32202 v191212jgv2<br>$21,533.33 |
| | **Component Description:**<br>**Amount:** | ESM 32201 v200109pmv1<br>$21,533.33 |

| | |
|---|---|
| 3" Rigid Conduit and Wiring (Cost per foot) | Information not provided. |
| Other -- Building Addition Size: 100.0 | Information not provided. |
| UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW | **Component Description:** Gates inv #JW30004554-1 Primary Transmitter 50 pct pmt 1 UL20181205jgv1<br>**Amount:** $669,675.56<br><br>**Component Description:** Gates US0336382 v200702pmv1<br>**Amount:** $92,475.70<br><br>**Component Description:** Gates US0331813 v1911125jgv1<br>**Amount:** $589,767.57 |

## 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-24WB-R C160** | **$214,720.00** | **$212,280.00** | | **$157,589.94** | |
| Shipping | ***$5,400.00*** | $5,400.00 | N/A | N/A | 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 | Per Widelity estimate | N/A | N/A |
| Side mount brackets for high power antennas (if not included in antenna base cost) | $23,150.00 | $22,000.00 | Per Widelity estimate | N/A | N/A |
| Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed) | $13,700.00 | $13,000.00 | N/A | N/A | N/A |

| | | | | | |
|---|---|---|---|---|---|
| UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 1000 kW input, directional,, horizontally polarized | ***$160,480.00*** | $160,480.00 | N/A | $155,089.94 | N/A |
| Sweep test of existing antenna | $6,730.00 | $6,400.00 | Per Dielectric quotes | $2,500.00 | N/A |
| **Primary Antenna TFU-26DSC /VP-R 4C150** | **$231,989.10** | **$229,549.10** | | **$208,197.10** | |
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | $5,260.00 | $5,000.00 | Per Widelity estimate | N/A | N/A |
| Side mount brackets for high power antennas (if not included in antenna base cost) | $23,150.00 | $22,000.00 | Per Widelity estimate | $21,750.00 | N/A |
| Sweep test of existing antenna | $6,730.00 | $6,400.00 | per Widelity estimate | N/A | N/A |

| | | | | | |
|---|---|---|---|---|---|
| UHF - High Power, Side Mount, basic slot antenna, 775 kW input, directional,, elliptically or circularly polarized | ***$96,804.65*** | $96,804.65 | See attached invoices and quotes. | $96,804.65 | N/A |
| Elbow complex, single channel, at antenna input, per 7 3/16. feedline (if needed) | $13,900.00 | $13,200.00 | Per Widelity estimate | $10,298.00 | N/A |
| Shipping | ***$6,800.00*** | $6,800.00 | N/A | N/A | N/A |
| UHF - High Power, Side Mount, basic slot antenna, 775 kW input, directional,, horizontally polarized | ***$79,344.45*** | $79,344.45 | ***System Notice: Estimate adjusted and locked because line has been superseded. ***Per Widelity estimate. | $79,344.45 | N/A |
| **Sub-total** | $446,709.10 | $441,829.10 | N/A | $365,787.04 | N/A |
| **Total for all systems** | $3,550,902.85 | $3,874,605.65 | N/A | $3,085,223.24 | N/A |

## Components

| Actual Information Description | File Name |
|---|---|
| Shipping | Information not provided. |

| | |
|---|---|
| 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. |
| Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed) | Information not provided. |

| | | |
|---|---|---|
| UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 1000 kW input, directional,, horizontally polarized | **Component Description:**<br>**Amount:** | Die MAN00851 v190715jgv1<br>$37,612.50 |
| | **Component Description:**<br>**Amount:** | Die MAN00851 v190715jgv1<br>$1,288.87 |
| | **Component Description:**<br>**Amount:** | Die 637001 v200317pmv1<br>$15,045.00 |
| | **Component Description:**<br>**Amount:** | Die 676017 v200317pmv1<br>N/A |
| | **Component Description:**<br>**Amount:** | Die MAN01245 v190716jgv1<br>$67,702.50 |
| | **Component Description:**<br>**Amount:** | Die MAN01245 v190716jgv1<br>$2,319.97 |
| | **Component Description:**<br>**Amount:** | Die MAN00730 v190715jgv1<br>$30,090.00 |
| | **Component Description:**<br>**Amount:** | Die MAN00730 v190715jgv1<br>$1,031.10 |

| | | |
|---|---|---|
| Sweep test of existing antenna | **Component Description:**<br>**Amount:** | Inv 24619 WCSH Sweep UL20180629jg v1<br>$2,500.00 |
| 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) | **Component Description:**<br>**Amount:**<br>**Component Description:**<br>**Amount:**<br>**Component Description:**<br>**Amount:** | Die 758004 v210118pmv1<br>$2,175.00<br>Die MAN01343 v190805pmv1<br>$9,787.50<br>Die inv #MAN00849 Brackets pmt 1 UL20190220jgv1<br>$9,787.50 |
| Sweep test of existing antenna | Information not provided. | |

| | | |
|---|---|---|
| UHF - High Power, Side Mount, basic slot antenna, 775 kW input, directional,, elliptically or circularly polarized | **Component Description:**<br>**Amount:** | Die 758004 v210118pmv1<br>$17,460.20 |
| | **Component Description:**<br>**Amount:** | Die MAN01343 v190805pmv1<br>$78,570.90 |
| | **Component Description:**<br>**Amount:** | Die MAN01343 v190805pmv1<br>$773.55 |
| Elbow complex, single channel, at antenna input, per 7 3/16. feedline (if needed) | **Component Description:**<br>**Amount:** | Die 758004 v210118pmv1<br>$1,029.80 |
| | **Component Description:**<br>**Amount:** | Die MAN01343 v190805pmv1<br>$4,634.10 |
| | **Component Description:**<br>**Amount:** | Die inv #MAN00849 Elbow complex pmt 1 UL20190220jgv1<br>$4,634.10 |
| Shipping | Information not provided. | |
| UHF - High Power, Side Mount, basic slot antenna, 775 kW input, directional,, horizontally polarized | **Component Description:**<br>**Amount:** | Die inv #MAN00849 Antenna pmt 1 UL20190220jgv1<br>$78,570.90 |
| | **Component Description:**<br>**Amount:** | Die inv #MAN00849 Fixed flange pmt 1 UL20190220jgv1<br>$773.55 |

## 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** | **$296,400.00** | **$282,650.00** | | **$163,328.69** | |
| Rigid Transmission Line - copper, 6 1 /8" broadband | $290,000.00 | $276,250.00 | N/A | $156,928.69 | N/A |
| TX Line Sweep | ***$6,400.00*** | $6,400.00 | N/A | $6,400.00 | N/A |
| **Primary Transmission Line** | **$8,518.00** | **$8,518.00** | | **$7,878.00** | |
| TX Line Sweep | ***$8,518.00*** | $8,518.00 | N/A | $7,878.00 | N/A |
| **Sub-total** | $304,918.00 | $291,168.00 | N/A | $171,206.69 | N/A |
| **Total for all systems** | $3,550,902.85 | $3,874,605.65 | N/A | $3,085,223.24 | N/A |

### Components

| Actual Information Description | File Name | |
|---|---|---|
| Rigid Transmission Line - copper, 6 1/8" broadband | **Component Description:** | Die 730017 v200702pmv1 |
| | **Amount:** | $910.00 |
| | **Component Description:** | Die 747020 v210120pmv3 |
| | **Amount:** | $5,760.00 |

**Component Description:** Die 728030 v200325pmv1
**Amount:** $343.70

**Component Description:** Die MAN00851 v190715jgv1
**Amount:** $37,439.50

**Component Description:** Die 705028 v200318pmv1
**Amount:** $2,583.15

**Component Description:** Die 637001 v200317pmv1
**Amount:** $4,575.84

**Component Description:** Die 728030 v200325pmv1
**Amount:** $3,093.30

**Component Description:** Die MAN01245 v190716jgv1
**Amount:** $67,391.10

**Component Description:** Die 676017 v200407pmv2
**Amount:** $171.85

**Component Description:** Die 706014 v200629pmv1
**Amount:** $3,162.00

**Component Description:** Die MAN00730 v190715jgv1
**Amount:** $29,951.60

| | | |
|---|---|---|
| | **Component Description:** | Die 676017 v200407pmv2 |
| | **Amount:** | $1,546.65 |
| TX Line Sweep | **Component Description:** | Die 747020 v210120pmv3 |
| | **Amount:** | $640.00 |
| | **Component Description:** | Die MAN01245 v190716jgv1 |
| | **Amount:** | $2,880.00 |
| | **Component Description:** | Die MAN00851 v190715jgv1 |
| | **Amount:** | $1,600.00 |
| | **Component Description:** | Die MAN00730 v190715jgv1 |
| | **Amount:** | $1,280.00 |

| | | |
|---|---|---|
| TX Line Sweep | **Component Description:** | Die 758004 v210118pmv1 |
| | **Amount:** | $211.80 |
| | **Component Description:** | Die inv #MAN00849 Trans test pmt 1 UL20190220jgv1 |
| | **Amount:** | $953.10 |
| | **Component Description:** | Die MAN01343 v190805pmv1 |
| | **Amount:** | $953.10 |
| | **Component Description:** | Die MAN01343 v190805pmv1 |
| | **Amount:** | $2,880.00 |
| | **Component Description:** | Die inv #MAN00849 Sweep pmt 1 UL20190220jgv1 |
| | **Amount:** | $2,880.00 |

## 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** | **$669,300.00** | **$1,056,435.30** | | **$942,332.55** | |
| Tall Tower (greater than 500') | $210,500.00 | $619,935.30 | Per Widelity estimate;see attached invoices and quotes | $619,935.30 | 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 | $7,865.00 | N/A |
| Insurance | ***$11,500.00*** | $11,500.00 | See attached /uploaded PDF file titled "Tower Eng 3080 v191126jgv1. pdf" | $9,846.25 | N/A |
| Major tower reinforcement /modifications | $421,000.00 | $400,000.00 | N/A | $304,686.00 | N/A |
| **Sub-total** | $669,300.00 | $1,056,435.30 | N/A | $942,332.55 | N/A |
| **Total for all systems** | $3,550,902.85 | $3,874,605.65 | N/A | $3,085,223.24 | N/A |

### Components

| Actual Information Description | File Name | |
|---|---|---|
| Tall Tower (greater than 500') | **Component Description:**<br>**Amount:** | FDH SIN002481 v200702pmv1<br>$206,645.10 |
| | **Component Description:**<br>**Amount:** | FDH SIN005850 v210114pmv1<br>$413,290.20 |
| Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study | **Component Description:**<br>**Amount:** | TEC Final 3137 v191212jgv1<br>$3,750.00 |
| | **Component Description:**<br>**Amount:** | WCSH TI inv #0104904-IN Structural Analysis UL20180831jg v2<br>$4,115.00 |
| Insurance | **Component Description:**<br>**Amount:** | Tower Eng 3080 v191126jgv1<br>$9,846.25 |

| | | |
|---|---|---|
| Major tower reinforcement /modifications | **Component Description:** | TEC 3192 v200702pmv1 |
| | **Amount:** | $10,500.00 |
| | **Component Description:** | FDH SIN000929 v200127jgv2 |
| | **Amount:** | $134,325.50 |
| | **Component Description:** | Tower Eng inv #Final 2776 Structural Analysis UL20190402jgv1 |
| | **Amount:** | $25,535.00 |
| | **Component Description:** | FDH SIN000486 v200127jgv2 |
| | **Amount:** | $134,325.50 |

## 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 C Justifica |
|---|---|---|---|---|---|
| **Outside Professional Services** | **$378,278.75** | **$407,381.25** | | **$101,225.41** | |
| Other Engineering Services | ***$15,078.75*** | $15,078.75 | The Estimated Cost includes other engineering services such as RF calculations, evolving transition plan calculations, bid spec prep / distribution / award recommendation / etc and discussion, etc. | $15,078.75 | N/A |
| Pre filing site review | ***$23,000.00*** | $23,000.00 | N/A | N/A | N/A |
| Other Legal Services | ***$10,000.00*** | $10,000.00 | Other Legal Services related to the DTV Repack | $424.09 | 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 | Per Widelity estimate | 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 | Per Widelity estimate | N/A | N/A |

| | | | | | |
|---|---|---|---|---|---|
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application | $2,365.00 | $2,250.00 | Per Widelity estimate | N/A | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | $5,260.00 | $5,000.00 | Per Widelity estimate | N/A | N/A |
| Prepare request for Special Temporary Authorization | $4,100.00 | $3,000.00 | Per Widelity estimate | $3,000.00 | N/A |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | $1,580.00 | $1,500.00 | per Widelity estimate | N/A | N/A |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | $3,155.00 | $3,000.00 | Per Widelity estimate | $675.00 | N/A |
| Perform engineering study for new channel assignment and antenna development | $7,360.00 | $7,000.00 | Per Widelity estimate | N/A | N/A |

| | | | | | |
|---|---|---|---|---|---|
| Address transition timing and coordination issues w/ other stations and wireless | $2,630.00 | $2,500.00 | N/A | N/A | N/A |
| Prepare and or review reimbursement form | $2,630.00 | $24,052.50 | Fewer PM tasks are needed & OES & 399 work are needed, so the PM total has been reduced to $150x850hrs ($127500), a new OES component has been created & funded with part of the $ removed from PM,& "Prepare & or review reimbursement form" has been increased | $24,052.50 | N/A |
| Project management of the transition | $134,300.00 | $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. | $57,995.07 | N/A |

| | | | | | |
|---|---|---|---|---|---|
| Comprehensive coverage verification via field study, if needed | $84,200.00 | $80,000.00 | Per Widelity estimate | N/A | N/A |
| **Sub-total** | $378,278.75 | $407,381.25 | N/A | $101,225.41 | N/A |
| **Total for all systems** | $3,550,902.85 | $3,874,605.65 | N/A | $3,085,223.24 | N/A |

## Components

| Actual Information Description | File Name | |
|---|---|---|
| Other Engineering Services | **Component Description:**<br>**Amount:** | Osborn 38570 v200717pmv1<br>$1,890.00 |
| | **Component Description:**<br>**Amount:** | Osborn 37024 v210406pmv1<br>$3,817.50 |
| | **Component Description:**<br>**Amount:** | Osborn 39981 v201217pmv1<br>$466.25 |
| | **Component Description:**<br>**Amount:** | MSW 7320 v210330jgv2<br>$7,817.50 |
| | **Component Description:**<br>**Amount:** | Osborn inv #29834 Other Eng Srvcs UL20190325jgv1<br>$1,087.50 |
| | **Component Description:**<br>**Amount:** | Osborn 35807 v191219jgv1<br>$4,110.00 |

| | |
|---|---|
| Pre filing site review | Information not provided. |
| Other Legal Services | **Component Description:** Covington 60801032 v190715jgv2<br>**Amount:** $70.43<br><br>**Component Description:** Covington 60801029 v190712jgv2<br>**Amount:** $144.71<br><br>**Component Description:** Covington 60801029 v190513pmv1<br>**Amount:** $164.44<br><br>**Component Description:** Covington 60805585 v190513pmv1<br>**Amount:** $34.53<br><br>**Component Description:** Covington 60801032 v190530jgv2<br>**Amount:** $70.43<br><br>**Component Description:** Covington inv #60796723 Various Legal UL20181024jgv1<br>**Amount:** $174.42 |
| Additional Field Engineering Service, 20 Days | Information not provided. |
| RF Exposure Measurements | 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 | **Component Description:** Osborn 37425 v210412pmv1<br>**Amount:** $1,500.00<br><br>**Component Description:** Osborn 39981 v201217pmv1<br>**Amount:** $1,500.00 |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | Information not provided. |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | **Component Description:** Osborn 39668 v201217pmv1<br>**Amount:** $675.00 |
| 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 42156 v210406pmv1<br>**Amount:** $1,295.00<br><br>**Component Description:** Osborn 38570 v200717pmv1<br>**Amount:** $1,375.00<br><br>**Component Description:** Osborn 41729 v210406pmv1<br>**Amount:** $690.00<br><br>**Component Description:** Osborn 40280 v201217pmv1<br>**Amount:** $75.00<br><br>**Component Description:** Osborn 37921 v210406pmv1<br>**Amount:** $1,270.00<br><br>**Component Description:** Osborn 32965 v190617pmv1<br>**Amount:** $550.00<br><br>**Component Description:** Osborn 38962 v200717pmv1<br>**Amount:** $675.00<br><br>**Component Description:** Osborn 39373 v201116pmv1<br>**Amount:** $1,420.00 |

**Component Description:** Osborn 40947 v201217pmv1
**Amount:** $300.00

**Component Description:** Osborn 39981 v201217pmv1
**Amount:** $2,030.00

**Component Description:** Osborn 36535 v200522jgv3
**Amount:** $410.00

**Component Description:** Osborn 34998 v191219jgv1
**Amount:** $605.00

**Component Description:** Osborn 37024 v210406pmv1
**Amount:** $1,590.00

**Component Description:** Osborn 37425 v210412pmv1
**Amount:** $1,425.00

**Component Description:** Osborn 41433 v210406pmv1
**Amount:** $60.00

**Component Description:** Osborn 33663 v190815jgv2
**Amount:** N/A

**Component Description:** Osborn 32198 v191219jgv1
**Amount:** $525.00

| | |
|---|---|
| **Component Description:** | Osborn 39668 v201217pmv1 |
| **Amount:** | $2,170.00 |
| **Component Description:** | Osborn 36540 v200507jgv2 |
| **Amount:** | N/A |
| **Component Description:** | Osborn 38310 v200724pmv1 |
| **Amount:** | $645.00 |
| **Component Description:** | Osborn 31149 v191219jgv1 |
| **Amount:** | $525.00 |
| **Component Description:** | Osborn 36184 v191219jgv1 |
| **Amount:** | $400.00 |
| **Component Description:** | Osborn inv #28991 Amend 399 Form UL20190325jgv1 |
| **Amount:** | $3,200.00 |
| **Component Description:** | Osborn 35393 v191219jgv1 |
| **Amount:** | $1,400.00 |
| **Component Description:** | Osborn 34578 v190813jgv1 |
| **Amount:** | $995.00 |
| **Component Description:** | Osborn 30002 v191219jgv1 |
| **Amount:** | $422.50 |

| | | |
|---|---|---|
| | **Component Description:**<br>**Amount:** | Osborn 35807 v191219jgv1<br>$635.00 |
| | **Component Description:**<br>**Amount:** | Osborn 33848 v191219jgv1<br>$405.00 |
| Project management of the transition | **Component Description:**<br>**Amount:** | Osborn 42156 v210406pmv1<br>$79.00 |
| | **Component Description:**<br>**Amount:** | Osborn 39668 v201217pmv1<br>$1,106.00 |
| | **Component Description:**<br>**Amount:** | Osborn 32824 v190614pmv1<br>$1,575.00 |
| | **Component Description:**<br>**Amount:** | Osborn 37425 v210412pmv1<br>$1,264.00 |
| | **Component Description:**<br>**Amount:** | Osborn 41433 v210406pmv1<br>$237.00 |
| | **Component Description:**<br>**Amount:** | Osborn 41729 v210406pmv1<br>$79.00 |
| | **Component Description:**<br>**Amount:** | Osborn 40280 v201217pmv1<br>$553.00 |

**Component Description:** Osborn 37921 v210406pmv1

**Amount:** $150.00

**Component Description:** Osborn inv #28581 Proj mgt thru 180330 UL20190325jgv1

**Amount:** $375.00

**Component Description:** Osborn 36562 v200710jgv2

**Amount:** $1,185.00

**Component Description:** Osborn 32965 v190617pmv1

**Amount:** $675.00

**Component Description:** Osborn 39373 v201116pmv1

**Amount:** $4,125.00

**Component Description:** Osborn inv #28991 Proj mgt 180331-180427 UL20190325jgv1

**Amount:** $1,275.00

**Component Description:** Osborn 39981 v201217pmv1

**Amount:** $553.00

**Component Description:** Osborn 36535 v200522jgv3

**Amount:** $2,593.00

**Component Description:** Osborn 38310 v200724pmv1
**Amount:** $280.00

**Component Description:** Osborn 32198 v191219jgv1
**Amount:** $1,275.00

**Component Description:** Osborn 30480 v191219jgv1
**Amount:** $1,500.00

**Component Description:** Osborn 33663 v190815jgv2
**Amount:** $1,425.00

**Component Description:** Osborn 31786 v191219jgv1
**Amount:** $1,350.00

**Component Description:** Osborn 33848 v200507jgv2
**Amount:** $1,800.00

**Component Description:** Osborn 36184 v191219jgv1
**Amount:** $2,025.00

**Component Description:** Osborn 37024 v210406pmv1
**Amount:** $158.00

**Component Description:** Osborn 30002 v191219jgv1
**Amount:** $1,050.00

| | |
|---|---|
| **Component Description:** | Osborn 35393 v191219jgv1 |
| **Amount:** | $2,449.00 |
| **Component Description:** | Osborn 31604 v191219jgv1 |
| **Amount:** | $975.00 |
| **Component Description:** | Osborn 38570 v200717pmv1 |
| **Amount:** | $300.00 |
| **Component Description:** | Osborn 31149 v191219jgv1 |
| **Amount:** | $1,425.00 |
| **Component Description:** | Osborn inv #26020 Prof srvcs 170608 - 170728 UL20181107jg v1 |
| **Amount:** | $19,453.07 |
| **Component Description:** | Osborn inv #29834 Proj mgt 180526-180629 UL20190325jgv1 |
| **Amount:** | $1,800.00 |
| **Component Description:** | Osborn 34998 v191219jgv1 |
| **Amount:** | $1,801.00 |
| **Component Description:** | Osborn 36540 v200507jgv2 |
| **Amount:** | N/A |

| | |
|---|---|
| | **Component Description:** Osborn 36535 v200513jgv2<br>**Amount:** N/A<br><br>**Component Description:** Inv 29205 WCSH Proj Mgt 180428-180525 UL20180706jg v1<br>**Amount:** $1,425.00<br><br>**Component Description:** Osborn 33848 v191219jgv1<br>**Amount:** $1,800.00<br><br>**Component Description:** Osborn 34578 v190813jgv1<br>**Amount:** $1,425.00<br><br>**Component Description:** Osborn 39668 v201217pmv1<br>**Amount:** $255.00<br><br>**Component Description:** Osborn 35807 v191219jgv1<br>**Amount:** $2,865.00 |
| Comprehensive coverage verification via field study, if needed | 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 Co Justificati |
|---|---|---|---|---|---|
| **Other Expenses** | **$159,377.00** | **$158,772.00** | | **$63,632.73** | |
| Insurance | ***$11,500.00*** | $11,500.00 | Insurance coverage. Please see the attached /uploaded PDF file titled "WCSH - TEC Services Agreement (9-19-2019 TEC signed).pdf" | N/A | N/A |
| Tele-handler forklift rental | ***$7,735.00*** | $7,735.00 | See attached / uploaded PDF file titled "WD Matthews PS107127 v191219jgv1.pdf" | $7,735.00 | N/A |
| Internal labor | ***$24,052.00*** | $24,052.00 | N/A | N/A | N/A |
| MVPD Notification of Channel Change | ***$6,000.00*** | $6,000.00 | Execute communication plan to the MVPD's about the up coming changes and testing dates. | $1,865.00 | N/A |
| Develop and air announcement of upcoming channel change | ***$6,000.00*** | $6,000.00 | 40 hours at $150 per hour to shoot, edit, and post spot for audience awareness. | $3,270.00 | N/A |

| | | | | | |
|---|---|---|---|---|---|
| Equipment Storage | ***$15,000.00*** | $15,000.00 | Six months of storage per Dielectric rate card for 2 flatbeds of equipment. | $9,018.75 | N/A |
| Equipment Delivery and Handling Charges | ***$25,000.00*** | $25,000.00 | N/A | $21,895.18 | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | ***$25,000.00*** | $25,000.00 | N/A | $16,898.80 | N/A |
| Non-zoning permits | ***$25,000.00*** | $25,000.00 | N/A | N/A | N/A |
| Local Zoning | ***$900.00*** | $900.00 | 3 cents per hundred for 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 |
| 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 | $11,000.00 | Per Widelity estimate | $2,950.00 | N/A |
| **Sub-total** | $159,377.00 | $158,772.00 | N/A | $63,632.73 | N/A |

| | | | | | |
|---|---|---|---|---|---|
| **Total for all systems** | $3,550,902.85 | $3,874,605.65 | N/A | $3,085,223.24 | N/A |

## Components

| Actual Information Description | File Name |
|---|---|
| Insurance | Information not provided. |
| Tele-handler forklift rental | **Component Description:** WD Matthews PS108365 v200324pmv2<br>**Amount:** $3,692.50<br><br>**Component Description:** WD Matthews PS107127 v191219jgv1<br>**Amount:** $4,042.50 |
| Internal labor | Information not provided. |
| MVPD Notification of Channel Change | **Component Description:** Osborn 37024 v210406pmv1<br>**Amount:** $1,865.00 |
| Develop and air announcement of upcoming channel change | **Component Description:** 2C Media inv #203806 Creation of channel change announcement UL20181016jgv1<br>**Amount:** $3,270.00 |

| | | |
|---|---|---|
| Equipment Storage | **Component Description:**<br>**Amount:** | Die 833002 v200713pmv1<br>$5,118.75 |
| | **Component Description:**<br>**Amount:** | Die 841022 v200730pmv1<br>$3,900.00 |
| Equipment Delivery and Handling Charges | **Component Description:**<br>**Amount:** | Gates US0336382 v200702pmv1<br>$19,692.93 |
| | **Component Description:**<br>**Amount:** | Die 841022 v201006pmv2<br>$789.75 |
| | **Component Description:**<br>**Amount:** | WD Matthews PS108365 v200218pmv1<br>N/A |
| | **Component Description:**<br>**Amount:** | Die 833002 v200713pmv1<br>$1,412.50 |

| | |
|---|---|
| Disposal Costs (for equipment and other waste, net of any salvage value) | **Component Description:** N Pride inv #7910 Transmitter Demo UL20190402jgv1<br>**Amount:** $9,500.00<br><br>**Component Description:** Pine Tree 2387663 v200107pmv1<br>**Amount:** $469.12<br><br>**Component Description:** Pine Tree 2354482 v191219pmv1<br>**Amount:** $145.60<br><br>**Component Description:** Pine Tree 2424428 v200629pmv1<br>**Amount:** $462.96<br><br>**Component Description:** Pine Tree 2324400 v191219pmv1<br>**Amount:** $140.40<br><br>**Component Description:** Pine Tree 2373227 v200214pmv2b<br>**Amount:** $156.00<br><br>**Component Description:** Pine Tree 2391971 v200122jgv1<br>**Amount:** $524.72<br><br>**Component Description:** ESM 34331 v210118pmv1<br>**Amount:** $5,500.00 |
| Non-zoning permits | Information not provided. |
| Local Zoning | Information not provided. |

| | |
|---|---|
| FCC Filing Fees - Special Temporary Authorization request | Information not provided. |
| FCC Filing Fees - Form 2100 license to cover application | Information not provided. |
| FCC Filing Fees - Form 2100 minor change CP application | Information not provided. |
| DTV Medical Facility Notification | **Component Description:** RF Notif 1399 v200416pmv1<br>**Amount:** $2,950.00 |

## Cost Information

### Grand Total

| | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
|---|---|---|---|
| **Total for all systems** | $3,550,902.85 | $3,874,605.65 | $3,085,223.24 |

## Reimbursement Status

| Question | Response |
|---|---|
| The facility has ceased operating on its pre-auction channel. | Yes |
| 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>04/12/2021 |

## 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>04/12/2021 |

## Attachments