



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **32326** | Service: **DTV** | Call **WCNC-TV** | Channel: **24 (UHF)**
ID: | Sign:
File **000028031**
Number:
FRN: **0003594918** | Date **04/08**
Submitted: **/2021**

Applicant Information

Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|----------------------|--|-------------------|--------------------|----------------|
| WCNC-TV, INC. | Denise Branson, Sr. Paralegal TEGNA, Inc. 8350 Broad Street, Suite 2000 Tysons, VA 22102 United States | +1 (703) 873-6606 | dbranson@TEGNA.com | Corporation |

Reimbursement Contact Information

Reimbursement Contact Name and Information

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

Preparer Contact Information

Preparer Contact Name and Information

| Applicant | Address | Phone | Email |
|--|--|-------------------|-------------------|
| Gary Davis <i>Regional Head of Technology and Operations</i> <i>TEGNA</i> | Gary Davis 8350 Broad Street Suite 2000 Tysons, VA 22102 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 | WCNC will be moving from channel 22 to channel 24. This will require a new antenna, transmission line and transmitter. An interim facility will be required while these modifications take place and throughout assigned phase. |

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 | CD3200 P2 Sigma |
| | Year | 2003 |
| | 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 36.0 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? | Yes |
| | Type | Cooling Only |
| | Size | 10 tons |
| | Other Size | N/A |
| Transmitter Building Addition/Modification or Leasehold Improvement | Does the Transmitter Building require an addition, modification, other leasehold improvement? | Yes |
| | Size | 100.0 square feet |
| Channel 14 Costs | Is an RF Consulting Engineer needed? | N/A |
| | Is a channel 14 Mask Filer needed? | N/A |
| | Is additional field engineering time needed? | N/A |
| | Number of Days | N/A |

Primary **Other Transmitter Cost Not Listed**
Transmitter Information not provided.

Antennas

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

**Primary
Antenna**

Existing Antenna Information

| Section | Question | Response |
|---|--|--------------------|
| Existing Antenna Description | Type of change | Purchase New |
| | Antenna Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is the existing antenna shared with another station or stations? | No |
| | Is the existing antenna directional? | Yes |
| | Is antenna in operating condition? | Yes |
| | Is antenna located on or in close proximity to an antenna farm? | No |
| Existing Antenna Manufacturer and Type | Class | Full Power |
| | Mounting | Top Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Horizontal |
| | Type | Slotted Coaxial |
| | Number of Stations Supported | N/A |
| | Number of Panels | N/A |
| | Design power capacity in use | N/A |
| | Lower Limit | N/A |
| | Upper Limit | N/A |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 791.0 kW |

| | |
|--------------|-------------------------|
| Manufacturer | |
| Model | TFU- 22DSC-R C170 |
| Year | 2017 |

**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? | 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 |
| Mounting | | Top Mount |
| Antenna position in stack | | Not in Stack |
| Polarization | | Horizontal |
| 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) | | 828.0 kW |
| Manufacturer | | |

| | |
|-------------------------------|--|
| Model | TFU-24JTH-R 4C170 (SP) |
| Year | 2018 |
| Justification for New Antenna | Station's licensed top-mount 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? | 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 | 7 3/16 inches inches |
| Side Mount Brackets | Do you require the separate purchase of side mount brackets for a high power antenna? | No |

| | | |
|---------------------------------|---|-----|
| Pattern Scatter Analysis | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | No |
| Sweep Test | Do you require the sweep testing of transmission line and antenna? | Yes |

**Primary
Antenna**

Other Antenna Cost Not Listed

| Name | Description |
|----------------------|---|
| New Top Plate | Existing top-plate and/or bolt pattern may not work for new top-mount antenna |
| 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 | 24 |
| | Number of Panels/Bays | 24 |
| | Lower Limit | 518.00 MHz |
| | Upper Limit | 524.00 MHz |
| | Design power capacity in use | 100.0 % |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 791.0 kW |
| | Manufacturer | |
| | Model | TFU-16WB 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? |

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 | 2100 feet per run |

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

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

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 | 20' |
| | Other Segment Length | |
| | Number of parallel runs | 1 |
| | Length | 1870 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 post-transition channel measures well on existing line. |
| Misc Parts | Misc Parts: Dielectric inv MAN01283 items 7 24 25 26 27 28 29 30 31 32 & 33 |

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? | 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? | Yes |
| Existing Tower Structure Registration | Do you have a tower registration number? | Yes |
| | ASR Number | 1001294 |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 35° 20' 49.4" N- |
| | Longitude (NAD83) | 081° 10' 14.2" W- |
| | Overall Structure Height | 1968.48 feet |
| | Support Structure Height | 1915.99 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 786.08 feet |

| | |
|------------------|--|
| Structure Type | TOWER - Free Standing or Guyed Structure |
| Tower Owner | WCNC-TV, Inc |
| Date Constructed | 08/27/1992 |

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

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 | 845 |
| | Explanation | Fewer PM tasks are needed & OES & 399 work are needed, so the PM total has been reduced to \$150x845hrs (\$126750), 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 | \$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 |
|-----------------------------------|--|
| Other Legal Services | Other Legal Services related to the DTV Repack |
| Pre filing site review | Outside engineering fir review of each facility |
| 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 | 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 |
|---------------------------------------|--------------------------------|
| Generator Load Bank test | Generator Load Bank test |
| Internal labor | Local and Corporate labor |
| Transmission Line Installation | Transmission Line Installation |
| Viewer call assistance service | Viewer call assistance service |

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-72 | \$1,584,812.36 | \$1,560,242.33 | | \$1,548,191.33 | |
| Other -- Building Addition Size: 100.0 | <i>\$27,497.86</i> | \$27,497.86 | New pad required for heat exchangers, transformers, pumps, etc. Equipment must also be shielded. | \$27,497.86 | N/A |
| 10 Ton system | \$38,900.00 | \$39,877.00 | The station obtained the quote included in the attached file titled "WCNC HVAC Justification Letter.pdf" | \$39,877.00 | N/A |
| Other Electrical Service: Additional electrical services required for transmitter installation, including heat exchangers, transformers, cooling pumps, etc. | <i>\$40,214.50</i> | \$40,214.50 | Additional electrical services required for transmitter installation, including heat exchangers, transformers, cooling pumps, etc. | \$33,063.50 | N/A |

| | | | | | |
|--|----------------|----------------|--|----------------|-----|
| 3" Rigid Conduit and Wiring (Cost per foot) | \$5,200.00 | \$4,900.00 | N/A | N/A | N/A |
| UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW | \$1,473,000.00 | \$1,447,752.97 | See attached /uploaded PDF file titled "Gates JW30004447- 4 v191121jgv1. pdf" | \$1,447,752.97 | N/A |
| Sub-total | \$1,584,812.36 | \$1,560,242.33 | N/A | \$1,548,191.33 | N/A |
| Total for all systems | \$3,809,714.11 | \$4,246,304.37 | N/A | \$3,415,346.08 | N/A |

Components

Actual Information

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

Other -- Building Addition
Size: 100.0

Component Description: Simon 416588
v200114pmv1
Amount: \$6,950.63

Component Description: Osborn 32963
v190613pmv1
Amount: \$8,228.00

Component Description: R. Cribb 038857
1200602pmv1
Amount: \$5,700.00

Component Description: Osborn 32617
v190507jgv1
Amount: \$3,849.28

Component Description: Airgas 9087280107
v190821pmv1
Amount: \$201.63

Component Description: Osborn 33408
v190906jgv1
Amount: \$10.70

Component Description: Airgas 9089851042
v190821pmv1
Amount: \$467.40

Component Description: Gaston 4583
v200604pmv1
Amount: \$6,104.93

Component Description: Osborn 32118R
v190709jgv1
Amount: \$2,935.92

| | |
|---|---|
| 10 Ton system | <p>Component Description: STRMECH 920009019 v200210pmv1</p> <p>Amount: \$39,877.00</p> |
| <p>Other Electrical Service: Additional electrical services required for transmitter installation, including heat exchangers, transformers, cooling pumps, etc.</p> | <p>Component Description: Watson 84347 v200626pmv3</p> <p>Amount: \$317.40</p> <p>Component Description: NFB 20190801 v200408pmv2</p> <p>Amount: \$2,034.65</p> <p>Component Description: Watson 84284 v191028pmv1</p> <p>Amount: \$8,120.74</p> <p>Component Description: Power Gen 1667 v190927jgv1</p> <p>Amount: \$4,696.76</p> <p>Component Description: Crystal 19474257 061619 v190912pmv1</p> <p>Amount: \$442.60</p> <p>Component Description: Watson 84182 v190910pmv1</p> <p>Amount: \$19,486.00</p> <p>Component Description: Watson 84347 v200214pmv1</p> <p>Amount: N/A</p> |
| 3" Rigid Conduit and Wiring (Cost per foot) | Information not provided. |

UHF - Liquid Cooled Solid
State Transmitter 35 - 50
kW

Component Description: Watson 84347
v200602pmv2
Amount: N/A

Component Description: Gates JW30004447-
4 v191121jgv1
Amount: \$105,445.37

Component Description: Gates JW30004447-
3 v190829pmv1
Amount: \$675,202.74

Component Description: Gates inv
#JW30004447-1A
Primary Transmitter
pmt 2
UL20190327jgv2
Amount: \$222,368.29

Component Description: Inv JW30004447-1
WCNC Primary
Transmitter 1 3rd
dp UL20180719jg
v1
Amount: \$444,736.57

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-16WB C160 | \$165,290.24 | \$152,063.24 | | \$122,263.24 | |
| Shipping | <i>\$5,400.00</i> | \$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 | \$11,213.00 | N/A | \$11,213.00 | 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 |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | Per Dielectric | N/A | N/A |

| | | | | | |
|---|---------------------|---------------------|---|---------------------|-----|
| UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 791 kW input, directional,, horizontally polarized | <i>\$111,050.24</i> | \$111,050.24 | N/A | \$111,050.24 | N/A |
| Primary Antenna TFU-24JTH-R 4C170 (SP) | \$299,430.00 | \$250,738.05 | | \$215,063.25 | |
| Shipping | <i>\$6,800.00</i> | \$6,800.00 | N/A | N/A | N/A |
| Elbow complex, single channel, at antenna input, per 7 3/16. feedline (if needed) | \$13,900.00 | \$8,055.00 | Per Dielectric | \$8,055.00 | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | Per Dielectric | \$6,400.00 | N/A |
| UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized | \$247,000.00 | \$204,483.05 | See attached Dielectric quotes and invoices and invoices and quotes from other vendors. | \$186,723.25 | N/A |

| | | | | | |
|------------------------------|----------------|----------------|---|----------------|-----|
| New Top Plate | \$25,000.00 | \$25,000.00 | Existing top-plate and/or bolt pattern may not work for new top-mount antenna | \$13,885.00 | N/A |
| Sub-total | \$464,720.24 | \$402,801.29 | N/A | \$337,326.49 | N/A |
| Total for all systems | \$3,809,714.11 | \$4,246,304.37 | N/A | \$3,415,346.08 | 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) | <p>Component Description: Die 588010 v190906pmv1</p> <p>Amount: \$1,121.30</p> <p>Component Description: Die MAN01283 v190719pmv1</p> <p>Amount: \$5,045.85</p> <p>Component Description: Die MAN01284 v190719pmv1</p> <p>Amount: \$5,045.85</p> |
| Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed) | Information not provided. |

| | |
|---|--|
| Sweep test of existing antenna | Information not provided. |
| UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 791 kW input, directional,, horizontally polarized | <p data-bbox="699 293 1321 405"> Component Description: Die MAN01283 v190719pmv1 Amount: \$45,866.25 </p> <p data-bbox="699 510 1305 622"> Component Description: Die 568007 v190813pmv1 Amount: \$10,192.50 </p> <p data-bbox="699 728 1366 920"> Component Description: On Site inv #24540 Nitro generator Interim Ant UL20190314jgv1 Amount: \$6,527.24 </p> <p data-bbox="699 1025 1310 1137"> Component Description: On Site 24395 v200113pmv1 Amount: \$2,598.00 </p> <p data-bbox="699 1243 1321 1355"> Component Description: Die MAN01284 v190719pmv1 Amount: \$45,866.25 </p> |
| Shipping | Information not provided. |

| | |
|--|--|
| <p>Elbow complex, single channel, at antenna input, per 7 3/16. feedline (if needed)</p> | <p>Component Description: Die MAN01248 v190809pmv1 Amount: \$3,624.75</p> |
| | <p>Component Description: Die 564001 v191220pmv3 Amount: \$805.50</p> |
| | <p>Component Description: Die MAN00846 v190809pmv1 Amount: \$3,624.75</p> |
| <p>Sweep test of existing antenna</p> | <p>Component Description: Die MAN00846 v190809pmv1 Amount: \$2,880.00</p> |
| | <p>Component Description: Die 613055 v191011pmv1 Amount: \$640.00</p> |
| | <p>Component Description: Die MAN01248 v190809pmv1 Amount: \$2,880.00</p> |

UHF - High Power Top
Mount (200-1000 kW),
One station antenna,
horizontally polarized

Component Description: Die 564001
v191220pmv3
Amount: \$17,759.80

Component Description: FDH E-190667
v200113pmv1
Amount: \$175,087.50

Component Description: Die MAN01248
v190809pmv1
Amount: \$79,919.10

Component Description: On Site 24395
v200113pmv1
Amount: \$2,598.00

Component Description: Die 554004
v191113jgv2
Amount: N/A

Component Description: Die MAN00846
v190809pmv1
Amount: \$79,919.10

Component Description: On Site inv #24540
Nitro generator Prim
Ant
UL20190314jgv1
Amount: \$6,527.25

Component Description: FDH E-190994
v200113pmv1
Amount: \$350,175.00

New Top Plate

Component Description: Die 564001
v191220pmv3
Amount: \$7,636.75

Component Description: Die MAN01248
v190809pmv1
Amount: \$6,248.25

Component Description: Die 554004
v191113jgv2
Amount: N/A

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 | \$457,302.19 | \$344,695.93 | | \$344,695.93 | |
| TX Line Sweep | <i>\$6,400.00</i> | \$6,400.00 | N/A | \$6,400.00 | N/A |
| Rigid Transmission Line - copper, 6 1/8" | \$377,740.00 | \$265,133.74 | N/A | \$265,133.74 | N/A |
| Misc Parts | <i>\$73,162.19</i> | \$73,162.19 | Misc Parts: Dielectric inv MAN01283 items 7 24 25 26 27 28 29 30 31 32 & 33 | \$73,162.19 | N/A |
| Primary Transmission Line | \$54,465.75 | \$54,465.75 | | \$54,465.75 | |
| Misc Parts | <i>\$34,030.75</i> | \$34,030.75 | N/A | \$34,030.75 | N/A |
| TX Line Sweep | <i>\$6,500.00</i> | \$6,500.00 | N/A | \$6,500.00 | N/A |
| TLSCRs | <i>\$13,935.00</i> | \$13,935.00 | TLSCRs for the patch panel | \$13,935.00 | N/A |
| Sub-total | \$511,767.94 | \$399,161.68 | N/A | \$399,161.68 | N/A |
| Total for all systems | \$3,809,714.11 | \$4,246,304.37 | N/A | \$3,415,346.08 | N/A |

Components

Actual Information**Description****File Name**

TX Line Sweep

Component Description: Die MAN01283
v190719pmv1**Amount:** \$2,880.00**Component Description:** Die MAN01284
v190719pmv1**Amount:** \$2,880.00**Component Description:** Die 600026
v200127pmv1**Amount:** \$640.00Rigid Transmission Line -
copper, 6 1/8"**Component Description:** Die 563032
v190805pmv1**Amount:** \$26,496.19**Component Description:** Die 600026
v200127pmv1**Amount:** \$0.01**Component Description:** Die MAN01284
v190719pmv1**Amount:** \$119,232.85**Component Description:** Die 585008
v190906pmv1**Amount:** \$171.84**Component Description:** Die MAN01283
v190719pmv1**Amount:** \$119,232.85

Misc Parts

Component Description: Die 600026
v200127pmv1
Amount: \$176.40

Component Description: Die MAN01284
v190719pmv1
Amount: \$27,453.17

Component Description: Die MAN01283
v190719pmv1
Amount: \$27,453.17

Component Description: Die 600026
v200127pmv1
Amount: \$540.40

Component Description: Die 587043
v190906pmv1
Amount: \$343.70

Component Description: Die 584002
v200106pmv1
Amount: \$4,587.00

Component Description: Die 585008
v190906pmv1
Amount: \$2,142.30

Component Description: Die 589009
v200127pmv1
Amount: \$343.70

Component Description: Die 600026
v200127pmv1
Amount: \$3,647.70

| | |
|---------------|---|
| | <p>Component Description: Die 592044 v200127pmv1</p> <p>Amount: \$1,950.00</p> |
| | <p>Component Description: Die 563032 v190805pmv1</p> <p>Amount: \$4,524.65</p> |
| Misc Parts | <p>Component Description: Die 600028 v191030pmv2</p> <p>Amount: \$3,260.00</p> <p>Component Description: Die 564001 v191220pmv3</p> <p>Amount: \$24,588.75</p> <p>Component Description: Die 584002 v200106pmv1</p> <p>Amount: \$6,182.00</p> |
| TX Line Sweep | <p>Component Description: RF Analy 1452 v190829pmv1</p> <p>Amount: \$6,500.00</p> |

TLSCRs

Component Description: Die MAN01248
v190809pmv1
Amount: \$3,017.25

Component Description: Die 585022
v191113jgv3
Amount: N/A

Component Description: Die 600028
v191030pmv2
Amount: \$223.50

Component Description: Die 600028
v191030pmv2
Amount: \$5,655.00

Component Description: Die 564001
v191220pmv3
Amount: \$447.00

Component Description: Die 607020
v191011pmv1
Amount: \$1,575.00

Component Description: Die MAN00846
v190809pmv1
Amount: \$3,017.25

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 | \$657,800.00 | \$1,273,409.00 | | \$891,594.00 | |
| 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 | \$16,880.00 | N/A |
| Major tower reinforcement /modifications | \$421,000.00 | \$400,000.00 | N/A | \$26,305.00 | N/A |
| Tall Tower (greater than 500') | \$210,500.00 | \$848,409.00 | See attached / uploaded PDF files titled "FDH E-191655 v200204jgv1.pdf", "FDH E-190667 v200205jgv2.pdf" and other invoices / quotes submitted to this Component. | \$848,409.00 | N/A |
| Sub-total | \$657,800.00 | \$1,273,409.00 | N/A | \$891,594.00 | N/A |

| | | | | | |
|------------------------------|----------------|----------------|-----|----------------|-----|
| Total for all systems | \$3,809,714.11 | \$4,246,304.37 | N/A | \$3,415,346.08 | N/A |
|------------------------------|----------------|----------------|-----|----------------|-----|

Components

| Actual Information | |
|---|---|
| Description | File Name |
| Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study | Component Description: TCI inv #8626 Feasibility Structural Analysis UL20190313jgv1 Amount: \$8,260.00 |
| | Component Description: TCI inv #8079 Struct Analysis UL20190313jgv1 Amount: \$8,620.00 |
| | Component Description: FDH E-190667 v200113pmv1 Amount: \$13,741.20 |
| | Component Description: FDH E-173410 v191007pmv1 Amount: \$13,152.50 |
| Major tower reinforcement /modifications | Component Description: FDH E-190994 v200113pmv1 Amount: \$27,482.40 |
| | Component Description: FDH E-178900 v191007pmv1 Amount: \$13,152.50 |
| | Component Description: FDH E-173410 v191007pmv1 Amount: \$13,152.50 |
| | Component Description: FDH E-190667 v200113pmv1 Amount: \$13,741.20 |
| Tall Tower (greater than 500') | |

Component Description: Haas 19CNC-4
v190808jgv1
Amount: \$1,023.38

Component Description: Haas 19CNC-6
v200114pmv1
Amount: \$341.12

Component Description: FDH E-162564
v190802jgv1
Amount: \$18,176.00

Component Description: FDH E-190667
v200205jgv2
Amount: \$188,828.70

Component Description: FDH E-190994
v200205jgv2
Amount: \$377,657.40

Component Description: Haas 19CNC-8
v200731pmv2
Amount: \$1,589.00

Component Description: FDH E-162634
v190528jgv2
Amount: \$94,490.00

Component Description: FDH E-191655
v200204jgv1
Amount: \$62,942.90

Component Description: FDH E-162563
v190528jgv2
Amount: \$94,490.00

| | |
|-------------------------------|-----------------------------|
| Component Description: | Haas 19CNC-1 v200114pmv1 |
| Amount: | \$7,598.00 |

| | |
|-------------------------------|-----------------------------|
| Component Description: | Haas 18CNC-1 v200731pmv2 |
| Amount: | \$1,272.50 |

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 Cost Justification |
|--------------------------------------|-----------------------------|---------------------|---|---------------------|---------------------------|
| Outside Professional Services | \$384,863.75 | \$405,505.25 | | \$117,039.21 | |
| Other Engineering Services | <i>\$22,453.75</i> | \$22,453.75 | 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. | \$22,453.75 | N/A |
| Pre filing site review | <i>\$23,000.00</i> | \$23,000.00 | N/A | N/A | N/A |
| Other Legal Services | <i>\$10,000.00</i> | \$10,000.00 | Other Legal Services related to the DTV Repack | \$727.84 | N/A |

| | | | | | |
|--|---------------------------|-------------|--|------------|-----|
| Additional Field Engineering Service, 20 Days | <i>\$50,000.00</i> | \$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 |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00 | \$5,000.00 | per Widely estimate | N/A | N/A |
| Prepare request for Special Temporary Authorization | \$4,100.00 | \$3,000.00 | Per Widely estimate | \$1,500.00 | N/A |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | \$1,580.00 | \$1,500.00 | per Widely estimate | \$675.00 | N/A |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00 | \$3,000.00 | Per Widely estimate | \$2,650.00 | N/A |

| | | | | | |
|--|--------------|--------------|--|-------------|-----|
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$7,000.00 | Per Widely estimate | N/A | N/A |
| 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 | \$38,051.50 | The cost estimate includes the initial 399 amendment, anticipated subsequent 399 amendments, and ongoing Actual Cost invoice prep and submission by KGA. | \$38,051.50 | N/A |
| Project management of the transition | \$133,510.00 | \$126,750.00 | Fewer PM tasks are needed & OES & 399 work are needed, so the PM total has been reduced to \$150x845hrs (\$126750), a new OES component has been created & funded with part of the \$ removed from PM, & "Prepare & or review reimbursement form" has been increased | \$50,981.12 | N/A |

| | | | | | |
|--|----------------|----------------|---------------------|----------------|-----|
| RF Exposure Measurements | \$21,050.00 | \$20,000.00 | Per Widely estimate | N/A | N/A |
| Comprehensive coverage verification via field study, if needed | \$84,200.00 | \$80,000.00 | Per Widely Estimate | \$0.00 | 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 Widely estimate | N/A | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application | \$2,365.00 | \$2,250.00 | Per Widely estimate | \$0.00 | N/A |
| Sub-total | \$384,863.75 | \$405,505.25 | N/A | \$117,039.21 | N/A |
| Total for all systems | \$3,809,714.11 | \$4,246,304.37 | N/A | \$3,415,346.08 | N/A |

Components

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

| | |
|----------------------------|--|
| Other Engineering Services | <p>Component Description: MSW 7316 v210408jgv2</p> <p>Amount: \$7,486.25</p> <p>Component Description: Osborn 37025 v210405pmv1</p> <p>Amount: \$3,692.50</p> <p>Component Description: Osborn inv #29835 Other Eng Srvcs UL20190325jgv1</p> <p>Amount: \$1,762.50</p> <p>Component Description: Osborn 35808 v200214jgv1</p> <p>Amount: \$9,347.50</p> <p>Component Description: Osborn 38575 v200717pmv1</p> <p>Amount: \$165.00</p> |
| Pre filing site review | Information not provided. |

| | |
|--|--|
| Other Legal Services | <p>Component Description: Covington 60801032 v190715jgv2</p> <p>Amount: \$70.43</p> <p>Component Description: Covington 60801029 v190513pmv1</p> <p>Amount: \$468.19</p> <p>Component Description: Covington 60801029 v190712jgv2</p> <p>Amount: \$448.46</p> <p>Component Description: Covington 60805585 v190513pmv1</p> <p>Amount: \$34.53</p> <p>Component Description: Covington inv #60796723 Various Legal UL20181024jgv1</p> <p>Amount: \$174.42</p> <p>Component Description: Covington 60801032 v190528jgv2</p> <p>Amount: \$70.43</p> |
| Additional Field Engineering Service, 20 Days | Information not provided. |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | Information not provided. |

| | |
|---|---|
| <p>Prepare request for Special Temporary Authorization</p> | <p>Component Description: Osborn 35808 v200214jgv1</p> <p>Amount: \$1,500.00</p> |
| <p>Prepare engineering section of FCC Form 2100 (main), License to Cover Application</p> | <p>Component Description: Osborn 35808 v200214jgv1</p> <p>Amount: \$675.00</p> |
| <p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p> | <p>Component Description: Osborn 32199 v200619pmv2</p> <p>Amount: \$2,650.00</p> |
| <p>Perform engineering study for new channel assignment and antenna development</p> | <p>Information not provided.</p> |
| <p>Address transition timing and coordination issues w/ other stations and wireless</p> | <p>Information not provided.</p> |
| <p>Prepare and or review reimbursement form</p> | <p>Component Description: Osborn 37426 v210405pmv1</p> <p>Amount: \$2,868.50</p> <p>Component Description: Osborn 41730 v210405pmv1</p> <p>Amount: \$510.00</p> <p>Component Description: Osborn 42157 v210405pmv1</p> <p>Amount: \$120.00</p> <p>Component Description: Osborn 41434 v210405pmv1</p> <p>Amount: \$60.00</p> |

Component Description: Osborn 37922
v210405pmv1
Amount: \$3,450.00

Component Description: Osborn 38575
v200717pmv1
Amount: \$165.00

Component Description: Osborn 36536
v200608pmv2
Amount: \$6,400.00

Component Description: Osborn 35808
v200214jgv1
Amount: \$4,765.00

Component Description: Osborn 30003
v200622pmv2
Amount: \$947.50

Component Description: Osborn 32199
v200619pmv2
Amount: \$425.00

Component Description: Osborn 35394
v200214jgv1
Amount: \$2,280.00

Component Description: Osborn 38311
v200724pmv1
Amount: \$1,650.00

Component Description: Osborn 32966
v190617pmv1
Amount: \$325.00

Component Description: Osborn 31131
v200214jgv1
Amount: \$250.00

Component Description: Osborn 36185
v200214jgv1
Amount: \$3,485.00

Component Description: Osborn 40281
v201216pmv1
Amount: \$135.00

Component Description: Osborn 34999
v200214jgv1
Amount: \$910.00

Component Description: Osborn 39983
v201216pmv1
Amount: \$1,590.00

Component Description: Osborn inv #28992
Amend 399 Form
UL20190325jgv1
Amount: \$3,200.00

Component Description: Osborn 30003
v200214jgv1
Amount: \$947.50

Component Description: Osborn 39669
v201216pmv1
Amount: \$2,335.00

Component Description: Osborn 39374
v201116pmv1
Amount: \$800.00

Component Description: Osborn 34579R
PRRF v191023jgv1
Amount: \$2,058.00

Component Description: Osborn 37025
v210405pmv1
Amount: \$2,120.00

Component Description: Osborn 33664
v190618pmv1
Amount: \$687.50

Project management of
the transition

Component Description: Osborn 37426
v210405pmv1
Amount: \$395.00

Component Description: Osborn 41730
v210405pmv1
Amount: \$79.00

Component Description: Osborn 41434
v210405pmv1
Amount: \$158.00

Component Description: Osborn 37922
v210405pmv1
Amount: \$158.00

Component Description: Osborn 39669
v201216pmv1
Amount: \$632.00

Component Description: Osborn 40948
v201216pmv1
Amount: \$158.00

Component Description: Osborn 35808
v200214jgv1
Amount: \$339.59

Component Description: Osborn 32966
v190617pmv1
Amount: \$1,800.00

Component Description: Osborn inv #26021
Prof srvcs 170605 -
170728
UL20181107jg v1
Amount: \$18,893.43

Component Description: Osborn 30683
v200214jgv1
Amount: \$750.00

Component Description: Osborn 31606
v200214jgv1
Amount: \$1,875.00

Component Description: Osborn 36564A
v200507pmv1
Amount: \$237.00

Component Description: Osborn 39374
v201116pmv1
Amount: \$3,389.00

Component Description: Osborn 36185
v200214jgv1
Amount: \$6,027.50

Component Description: Osborn 36536
v200608pmv2
Amount: \$948.00

Component Description: Osborn 32199
v200619pmv2
Amount: \$1,650.00

Component Description: Osborn 32825
v190613pmv1
Amount: \$1,800.60

Component Description: Osborn inv #28992
Proj mgt 180331-
180427
UL20190325jgv1
Amount: \$1,725.00

Component Description: Osborn 33664
v191112jgv3
Amount: \$1,275.00

Component Description: Osborn 30003
v200622pmv2
Amount: \$900.00

Component Description: Osborn 35394
v200214jgv1
Amount: \$829.50

Component Description: Osborn 31131
v200214jgv1
Amount: \$1,650.00

Component Description: Osborn 40281
v201216pmv1
Amount: \$237.00

Component Description: Osborn 34999
v200214jgv1
Amount: \$2,291.00

Component Description: Osborn 34579R PM
v191023jgv1
Amount: \$2,400.00

Component Description: Osborn 31787
v200214jgv1
Amount: \$975.00

Component Description: WCNC CM-11-12-
2019-WCNC-TV
v191112jgv1
Amount: (\$687.50)

Component Description: Osborn 33664
v190716jgv2
Amount: \$1,350.00

Component Description: Osborn 30003
v200214jgv1
Amount: \$900.00

Component Description: Osborn inv #29835
Proj mgt 180526-
180629
UL20190325jgv1
Amount: \$2,137.50

Component Description: Osborn 30481
v200214jgv1
Amount: \$1,425.00

Component Description: Osborn 38311
v200724pmv1
Amount: \$366.00

| | |
|--|--|
| | <p>Component Description: Osborn 39983 v201216pmv1</p> <p>Amount: \$395.00</p> |
| | <p>Component Description: Inv 29208 WCNC Proj Mgt 180428- 180525 UL20180706jg v1</p> <p>Amount: \$1,950.00</p> |
| | <p>Component Description: Osborn inv #28582 Proj mgt thru 180330 UL20190325jgv1</p> <p>Amount: \$600.00</p> |
| RF Exposure Measurements | Information not provided. |
| Comprehensive coverage verification via field study, if needed | <p>Component Description: Osborn 39021 v200717pmv1</p> <p>Amount: \$9,672.55</p> |
| 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. |

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 | \$205,749.82 | \$205,184.82 | | \$122,033.37 | |
| Develop and air announcement of upcoming channel change | <i>\$6,000.00</i> | \$6,000.00 | 150 per hour t for 40 hours to write, shoot and produce audience information. | \$3,270.00 | N/A |
| Equipment Storage | <i>\$20,000.00</i> | \$20,000.00 | 6 months at \$240 per week for antenna and and line on 2 flat bed storage. 10K each | \$7,420.30 | N/A |
| Equipment Delivery and Handling Charges | <i>\$57,950.86</i> | \$57,950.86 | See attached invoices and quotes where applicable. | \$57,950.86 | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <i>\$27,050.00</i> | \$27,050.00 | See attached / uploaded PDF files titled "Qcomms QC19-179 v191213jgv1.pdf" and "Qcomms QC19-180 v191216jgv1.pdf" | \$27,050.00 | N/A |
| Non-zoning permits | <i>\$25,000.00</i> | \$25,000.00 | N/A | N/A | N/A |
| Local Zoning | <i>\$500.00</i> | \$500.00 | Local permitting estimate | N/A | N/A |

| | | | | | |
|---|---------------------------|----------------|--|----------------|-----|
| FCC Filing Fees - Special Temporary Authorization request | \$195.00 | \$190.00 | Per Widely Estimate | N/A | N/A |
| DTV Medical Facility Notification | \$11,550.00 | \$11,000.00 | Per Widely estimate | \$3,275.00 | N/A |
| Viewer call assistance service | <i>\$19,567.21</i> | \$19,567.21 | See attached / uploaded PDF file titled, "Inktel 33996 v200611pmv1". | \$19,567.21 | N/A |
| Transmission Line Installation | <i>\$3,500.00</i> | \$3,500.00 | N/A | \$3,500.00 | N/A |
| Internal labor | <i>\$23,405.00</i> | \$23,405.00 | N/A | N/A | N/A |
| Generator Load Bank test | <i>\$4,696.75</i> | \$4,696.75 | Generator Load Bank test estimate. See the uploaded file titled Gen Load Bank test estimate UL20190412jgv1.pdf | N/A | N/A |
| MVPD Notification of Channel Change | <i>\$6,000.00</i> | \$6,000.00 | Hire third party to notify all MVPD's of upcoming changes. | N/A | N/A |
| FCC Filing Fees - Form 2100 license to cover application | \$335.00 | \$325.00 | Per Widely Estimate | N/A | N/A |
| Sub-total | \$205,749.82 | \$205,184.82 | N/A | \$122,033.37 | N/A |
| Total for all systems | \$3,809,714.11 | \$4,246,304.37 | N/A | \$3,415,346.08 | N/A |

Components

Actual Information**Description****File Name**

Develop and air
announcement of
upcoming channel change

Component Description:

2C Media inv
#203806 Creation
of channel change
announcement
UL20181016jgv1
\$3,270.00

Amount:

Equipment Storage

Component Description: Die 616011
v191227pmv1
Amount: \$3,900.00

Component Description: 321 Eq Co 111520
v190821pmv1
Amount: \$353.10

Component Description: 321 Eq Co 111888
v190826pmv1
Amount: \$353.10

Component Description: 321 Eq Co inv #001
0412507 T
Container rental
UL20190318jgv1
Amount: \$1,637.10

Component Description: 321 Eq Co 112639
v190826pmv1
Amount: \$353.10

Component Description: 321 Eq Co 111111
v190821pmv1
Amount: \$353.10

Component Description: 321 Eq Co 113362
v200113pmv1
Amount: \$117.70

Component Description: 321 Eq Co 112273
v190826pmv1
Amount: \$353.10

Equipment Delivery and
Handling Charges

Component Description: Sunbelt 86797948-0008 v200113pmv1
Amount: \$496.76

Component Description: NFB 20190801 v200408pmv2
Amount: \$50.00

Component Description: Die 585022 V191011pmv2
Amount: \$1,883.21

Component Description: Sunbelt 86797948-0001 v190821pmv1
Amount: \$768.65

Component Description: Die 584002 v200106pmv1
Amount: \$2,566.70

Component Description: Die 589009 v200127pmv1
Amount: \$7,671.93

Component Description: Die 607020 v191011pmv1
Amount: \$985.32

Component Description: Sunbelt 86797948-0003 v190821pmv1
Amount: \$496.76

Component Description: Die 587036 v190906pmv1
Amount: \$3,075.98

Component Description: Die 597017
v191014pmv1
Amount: \$1,286.36

Component Description: Sunbelt 86797948-
0005 v191001pmv1
Amount: \$496.76

Component Description: Die 705040
v200729pmv1
Amount: \$7,728.75

Component Description: Sunbelt 86797948-
0010 v200408pmv1
Amount: \$496.76

Component Description: Die 588010
v190906pmv1
Amount: \$3,092.33

Component Description: Die 594013
v200127pmv1
Amount: \$1,453.64

Component Description: Sunbelt 86797948-
0011 v200408pmv1
Amount: \$496.76

Component Description: Sunbelt 86797948-
0004 v190821pmv1
Amount: \$496.76

Component Description: Die 616011
v191227pmv1
Amount: \$11,812.50

Component Description: Sunbelt 86797948-0002 v190821pmv1
Amount: \$496.76

Component Description: Sunbelt 86797948-0009 v200408pmv1
Amount: \$496.76

Component Description: Sunbelt 86797948-0007 v200113pmv1
Amount: \$496.76

Component Description: Die 600026 v200127pmv1
Amount: \$1,070.44

Component Description: Die 608012 v191011pmv1
Amount: \$422.43

Component Description: Sunbelt 86797948-0012 v200408pmv1
Amount: \$496.76

Component Description: Die 564001 v191220pmv3
Amount: \$1,883.21

Component Description: Die 591053 v200127pmv1
Amount: \$3,539.27

Component Description: Sunbelt 90134420-0001 v191001pmv1
Amount: \$228.50

| | |
|--|--|
| | <p>Component Description: Sunbelt 86797948-0006 v190911pmv1</p> <p>Amount: \$496.76</p> <p>Component Description: Die 601026 v191011pmv1</p> <p>Amount: \$4,900.49</p> |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <p>Component Description: Qcomms QC19-179 v191213jgv1</p> <p>Amount: \$23,000.00</p> <p>Component Description: Ace 153 v190919pmv1</p> <p>Amount: \$1,150.00</p> <p>Component Description: Qcomms QC19-180 v191216jgv1</p> <p>Amount: \$2,900.00</p> |
| Non-zoning permits | Information not provided. |
| Local Zoning | Information not provided. |
| FCC Filing Fees - Special Temporary Authorization request | Information not provided. |
| DTV Medical Facility Notification | <p>Component Description: RF Notif 1189 v190903pmv1</p> <p>Amount: \$3,275.00</p> |
| Viewer call assistance service | <p>Component Description: Inktel 33996 v200625pmv2</p> <p>Amount: \$19,567.21</p> |

| | |
|--|---|
| Transmission Line Installation | <p>Component Description: Albert 4560 v190906jgv1</p> <p>Amount: \$3,500.00</p> |
| Internal labor | Information not provided. |
| Generator Load Bank test | Information not provided. |
| MVPD Notification of Channel Change | Information not provided. |
| FCC Filing Fees - Form 2100 license to cover application | Information not provided. |

Cost Information **Grand Total**

| | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
|------------------------------|------------------------------------|-----------------------|--------------------|
| Total for all systems | \$3,809,714.11 | \$4,246,304.37 | \$3,415,346.08 |

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

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

8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.

**Jeffrey C
Gehman**
*Engineering
Associate*

04/08/2021

| Certification | Section | Question | Response |
|---------------|---|--|----------|
| | Submission of Actual Cost Documentation Statements | <p>WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).</p> | |
| | | <ol style="list-style-type: none"> 1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. 3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. | |

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

| | |
|--|--|
| <p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.</p> | |
| <p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p> | <p>Jeffrey C Gehman <i>Engineering Associate</i></p> <p>04/08/2021</p> |

Attachments