



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **49439** | Service: **DTV** | Call **WNEO** | Channel: **29 (UHF)** |
ID: | Sign:
File **0000027699**
Number:
FRN: **0002940336** | Date **07/01**
Submitted: **/2020**

Applicant Information

Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|--|---|-----------------------------|---|--------------------|
| NORTHEASTERN EDUCATIONAL TELEVISION OF OHIO, INC. | Anthony Dennis 1750 CAMPUS CENTER DRIVE P.O. BOX 5191 KENT, OH 44240 United States | +1 (330) 677- 4549 | adennis@westernreservepublicmedia. org | Not-for- Profit |

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 |
|-----------|---------|-------|-------|
|-----------|---------|-------|-------|

| | | | |
|---|--|----------------------|------------------------------|
| Robert Gehman <i>ConsultingEngineer</i> <i>Kessler and Gehman</i> <i>Associates, Inc.</i> | Robert Gehman 507 NW 60 Street Suite D Gainesville, FL 32607 United States | +1 (352) 332-3157 | bob@kesslerandgehman. 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 | Retune transmitter, replace antenna and line. Acquire interim transmitter, antenna and line for continued operation during construction and duration of the assigned phase. Map and analyze tower; design and implement modifications if required. |

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 | CTT-U- DCXP-2H |
| | Year | 2003 |
| | Type | Inductive Output Tube |
| | IOT Power Type | Two |
| | Power Capacity | 40 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-40 |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 25.3 kW |
| | Justification for New Transmitter | Existing transmitter is an MSDC |

**Primary
Transmitter**

Other Transmitter Costs

| Section | Question | Response |
|---------------------------|--|----------|
| Electrical Service | Service Entrance (3 phases 800A 208V) | No |
| | Switchgear (industrial 800 amp) | No |
| | Transformer (480V) | No |
| | Power | N/A |
| | Rigid Conduit and Wiring | No |
| | Size | N/A |
| | Length | N/A |
| | Other Electrical Service | No |
| | Description | N/A |
| HVAC Service | Does the replacement transmitter require HVAC Service? | No |

| | | |
|--|---|-----|
| | Type | N/A |
| | Size | N/A |
| | Other Size | N/A |
| Transmitter Building Addition/Modification or Leasehold Improvement | Does the Transmitter Building require an addition, modification, other leasehold improvement? | No |
| | Size | N/A |
| Channel 14 Costs | Is an RF Consulting Engineer needed? | N/A |
| | Is a channel 14 Mask Filer needed? | N/A |
| | Is additional field engineering time needed? | N/A |
| | Number of Days | N/A |

Primary Transmitter

Other Transmitter Cost Not Listed

| Name | Description |
|------------------------|------------------------|
| Transmitter Electrical | Transmitter Electrical |

**Interim
Transmitter**

New Transmitter Costs

| Section | Question | Response |
|------------------------|-----------------------------------|---|
| New Transmitter | Use | Interim |
| | Description of Use | N/A |
| | Change Type | Purchase |
| | Manufacturer | |
| | Model | TBD |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 31 kW |
| | Justification for New Transmitter | To keep the station on the air while re-tuning the MSDC and for the duration of the assigned phase. |

**Interim
Transmitter**

Other Transmitter Costs

| Section | Question | Response |
|---------------------------|---------------------------------------|------------|
| Electrical Service | Service Entrance (3 phases 800A 208V) | No |
| | Switchgear (industrial 800 amp) | Yes |
| | Transformer (480V) | Yes |
| | Power | 150 kVA |
| | Rigid Conduit and Wiring | Yes |
| | Size | 3 inches |
| | Length | 100.0 feet |

| | | |
|--|---|-----|
| | Other Electrical Service | No |
| | Description | N/A |
| HVAC Service | Does the replacement transmitter require HVAC Service? | No |
| | Type | N/A |
| | Size | N/A |
| | Other Size | N/A |
| Transmitter Building Addition/Modification or Leasehold Improvement | Does the Transmitter Building require an addition, modification, other leasehold improvement? | No |
| | Size | N/A |
| Channel 14 Costs | Is an RF Consulting Engineer needed? | N/A |
| | Is a channel 14 Mask Filer needed? | N/A |
| | Is additional field engineering time needed? | N/A |
| | Number of Days | N/A |
| Inside RF System | Is an additional interior RF system required to support this interim transmitter? | Yes |

Interim Transmitter **Other Transmitter Cost Not Listed**
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? | No |
| | 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) | 500.0 kW |
| | | |

| | |
|--------------|---------|
| Manufacturer | |
| Model | TFU-42J |
| Year | 2003 |

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? | No |
| | Will antenna be located on or in close proximity to an antenna farm? | No |
| New Antenna Manufacturer and Types | Class | Full Power |
| | Mounting | Top Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Elliptical |
| | Type | Slotted Coaxial |
| | Number of Stations Supported | N/A |
| | Number of Panels/Bays | N/A |
| | Lower Limit | N/A |
| | Upper Limit | N/A |
| | Design power capacity in use | N/A |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 465.0 kW |
| | Manufacturer | |
| | Model | TFU-31JTH /VP-R 04 (SP) |
| | | |

| | |
|-------------------------------|---|
| Year | 2018 |
| Justification for New Antenna | The existing primary antenna is a single channel slotted coaxial which cannot accommodate the assigned channel. |

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? | |
| 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

Information not provided.

**Interim
Antenna**

New Antenna Costs

| Section | Question | Response |
|--|--|-----------------------|
| New Antenna Description | Use | Interim |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Ownership | Owned |
| | Owner | N/A |
| | Is antenna shared? | No |
| | Is antenna directional? | No |
| | Will antenna be located on or in close proximity to an antenna farm? | No |
| New 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/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) | 500.0 kW |
| | Manufacturer | |
| | Model | ATW29H3- HSO10-29H |
| | Year | 2018 |

| | | |
|--|-------------------------------|--|
| | Justification for New Antenna | An interim antenna is necessary to keep station on the air during primary antenna replacement and for the duration of the assigned phase. Station will attempt to rent if renting is available at time of acquisition. |
|--|-------------------------------|--|

Interim Antenna

Other Antenna Costs

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

Transmission Line

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

Primary
Transmission Line

Existing Transmission Line

| Section | Question | Response |
|---|--|------------------|
| Existing Transmission Line Description | Type of change | Purchase New |
| | Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is the existing transmission line shared with another station or stations? | No |
| | Is Transmission Line in operating condition? | Yes |
| Existing Transmission Line Manufacturer and Type | Manufacturer | |
| | Type | Rigid |
| | Diameter | 8 3/16 inches |
| | Other Diameter | N/A |
| | Segment Length | 19 1/2 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 920 feet per run |

Primary **New Transmission Line**
Transmission Line

| Section | Question | Response |
|------------------------------------|---|--|
| New Transmission Line Costs | Use | Primary (Main) |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | 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 | 760 feet per run |
| | Justification for New Transmission Line | Station is budgeting for new transmission line in case the sweep of the existing line is found to be unacceptable. |

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

| Name | Description |
|-----------------------------|-----------------------------|
| Sweep of existing main line | Sweep of existing main line |
| TLSCRs | TLSCRs |

**Interim
Transmission Line**

New Transmission Line

| Section | Question | Response |
|------------------------------------|---|--|
| New Transmission Line Costs | Use | Interim |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Type | Flexible Air |
| | Diameter | 5 inches |
| | Segment Length | N/A |
| | Other Segment Length | |
| | Number of parallel runs | 1 |
| | Length | 820 feet per run |
| | Justification for New Transmission Line | An interim transmission line is necessary for the interim antenna to keep station on the air during primary antenna replacement and for the duration of the assigned phase. Station will attempt to rent if renting is available at time of acquisition. |

| Interim | Other Transmission Line Expenses Not Listed |
|-------------------|---|
| Transmission Line | Information not provided. |

Tower Equipment And Rigging Costs

| Section | Question | Response |
|--|---|----------|
| Tower Equipment or Rigging Costs Changes | Do you have tower equipment or rigging costs changes? | Yes |

Primary Tower

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? | No |
| Existing Tower Structure Registration | Do you have a tower registration number? | Yes |
| | ASR Number | 1021036 |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 40° 54' 23.2" N- |
| | Longitude (NAD83) | 080° 54' 39.3" W- |
| | Overall Structure Height | 766.07 feet |
| | Support Structure Height | 702.42 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 1274.92 feet |
| | Structure Type | TOWER - Free Standing or Guyed Structure |

| | | |
|--|------------------|---|
| | Tower Owner | NORTHEASTERN EDUCATIONAL TV OF OHIO INC |
| | Date Constructed | 01/15/1990 |

**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 | 20 |
| | Explanation | It will be necessary to schedule and coordinate multiple vendors, complete progress reports, and update Schedule 399. Station does not have available personnel or personnel trained in project management for such complex projects. |
| Outside RF consulting Engineering Services | Perform engineering study for new channel assignment and antenna development | Yes |
| | Prepare engineering section of Form FCC Construction Permit Application | Yes |
| | For Auxiliary Facility | No |
| | For Main Facility | Yes |
| | Prepare engineering section of Form FCC License to Cover Application | Yes |
| | For Auxiliary Facility | No |
| | For Main Facility | Yes |
| | Prepare request for Special Temporary Authority | Yes |

| | | |
|---|--|-----|
| | Quantity | 1 |
| | Do you have Distributed Transmission System engineering services? | N/A |
| | Critical Facility | N/A |
| | Terrain-Shielded Facility | N/A |
| Attorney and Other Outside Consulting Services | Prepare and file Form FCC Construction Permit Application | Yes |
| | For Auxiliary Facility | 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 | 1 |
| | 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 | No |
| | Additional Field Engineering Service | Yes |

| | | |
|--|----------------|---|
| | Number of Days | 14 |
| | Justification | It will be necessary to survey the site, plan the equipment, develop specifications for purchasing, and 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 Engineering Services | Other Engineering Services |
| Other Legal Services | Other Legal Services |

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 | No |
| | Non-zoning permits | Yes |
| | BLM or NFS Coordination | No |
| | FCC Construction Permit Minor Change | No |
| | FCC License to Cover Application | No |
| | FCC Special Temporary Authority Application | No |
| 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 |
|---|---|
| Simulcast FCC required spots and crawls | Simulcast FCC required spots and crawls |

Cost Information

Transmitters

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|-----------------------------|-----------------------|--|---------------------|---------------------------|
| Interim Transmitter TBD | \$1,163,450.00 | \$1,105,500.00 | | \$0.00 | |
| UHF inside RF system including switching | \$147,500.00 | \$140,000.00 | The UHF inside RF system is included in the online Cost Catalog and was pre-filled as a Predetermined Cost Estimate with a value of \$140,000. | N/A | N/A |
| Transformer 3 phase /480v - 150 KVA | \$25,550.00 | \$24,300.00 | N/A | N/A | N/A |
| Switchgear - industrial 800 amp | \$38,200.00 | \$36,300.00 | N/A | N/A | N/A |
| UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW | \$947,000.00 | \$900,000.00 | N/A | N/A | N/A |
| 3" Rigid Conduit and Wiring (Cost per foot) | \$5,200.00 | \$4,900.00 | N/A | N/A | N/A |
| Primary Transmitter ULXTE-40 | \$983,500.00 | \$771,800.92 | | \$738,520.92 | |

| | | | | | |
|--|--------------------|----------------|--|----------------|-----|
| Transmitter Electrical | \$36,500.00 | \$36,500.00 | See attached /uploaded PDF file titled "Priest 000166 v200120jgv1. pdf" | \$36,500.00 | N/A |
| UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW | \$947,000.00 | \$735,300.92 | See attached / uploaded PDF file titled "Gates US0334211 Prim TX Bal Due v200128jgv1. pdf" | \$702,020.92 | N/A |
| Sub-total | \$2,146,950.00 | \$1,877,300.92 | N/A | \$738,520.92 | N/A |
| Total for all systems | \$3,893,677.75 | \$3,440,763.28 | N/A | \$1,636,533.11 | N/A |

Components

| Actual Information | |
|--|---------------------------|
| Description | File Name |
| UHF inside RF system including switching | Information not provided. |
| Transformer 3 phase/480v - 150 KVA | Information not provided. |
| Switchgear - industrial 800 amp | Information not provided. |
| UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW | Information not provided. |
| 3" Rigid Conduit and Wiring (Cost per foot) | Information not provided. |

| | | |
|---|-------------------------------|-------------------|
| Transmitter Electrical | Component Description: | Priest 000166 |
| | | v200120jgv1 |
| | Amount: | \$18,250.00 |
| | | |
| | Component Description: | Priest 000169 |
| | | v200312jgv1 |
| | Amount: | \$18,250.00 |
| | | |
| UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW | Component Description: | Gates US0334211 |
| | | Prim TX Bal Due |
| | | v200128jgv1 |
| | Amount: | \$219,688.14 |
| | | |
| | Component Description: | Gates |
| | | JW3004686V.1 |
| | | Prim TX 1-3rd pmt |
| | | 1 v191010jgv4 |
| | Amount: | \$241,166.39 |
| | | |
| | Component Description: | Gates |
| | | JW3004686V.2 |
| | | Prim TX 1-3rd pmt |
| | | 2 v191225jgv1 |
| | Amount: | \$241,166.39 |
| | | |
| | Component Description: | Amazon 112- |
| | | 8608938-4389045 |
| | | v200203jgv1 |
| | Amount: | \$147.00 |

Cost Information

Antennas

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|-----------------------------|----------------|------------------------------|--------------|---------------------------|
| Interim Antenna ATW29H3-HSO10-29H | \$185,318.45 | \$174,803.45 | | \$174,803.43 | |
| Air Dryer | <i>\$4,298.45</i> | \$4,298.45 | N/A | \$4,298.43 | N/A |
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | \$5,260.00 | \$4,800.00 | N/A | \$4,800.00 | N/A |
| UHF - High Power, Side Mount, basic slot antenna, 500 kW input, horizontally polarized | <i>\$145,880.00</i> | \$145,880.00 | N/A | \$145,880.00 | N/A |
| Side mount brackets for high power antennas (if not included in antenna base cost) | \$23,150.00 | \$13,575.00 | N/A | \$13,575.00 | N/A |

| | | | | | |
|--|-----------------------|-----------------------|--|-----------------------|------------|
| Sweep test of existing antenna | \$6,730.00 | \$6,250.00 | N/A | \$6,250.00 | N/A |
| Primary Antenna TFU-31JTH /VP-R 04 (SP) | \$310,130.00 | \$232,095.00 | | \$231,455.00 | |
| Elbow complex, single channel, at antenna input, per 7 3/16. feedline (if needed) | \$13,900.00 | \$13,736.00 | N/A | \$13,736.00 | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | See quote attached; item 4. to sweep new primary line and antenna. | \$5,760.00 | N/A |
| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized | \$289,500.00 | \$211,959.00 | N/A | \$211,959.00 | N/A |
| Sub-total | \$495,448.45 | \$406,898.45 | N/A | \$406,258.43 | N/A |
| Total for all systems | \$3,893,677.75 | \$3,440,763.28 | N/A | \$1,636,533.11 | N/A |

Components

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

Air Dryer

Component Description:

ERI WNEO-37763
Int line dryer 30 pct
pmt 2 v191223jgv1

Amount:

\$1,289.53

Component Description:

ERI WNEO-002 Int
line dryer 30 pct
pmt 1 v190814jgv1

Amount:

\$1,289.53

Component Description:

ERI WNEO-55107
v200506jgv1

Amount:

\$429.84

Component Description:

ERI WNEO-37763-
1 Int line dryer 30
pct pmt 3
v191223jgv1

Amount:

\$1,289.53

| | | |
|--|---|--|
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | Component Description: Amount: | ERI WNEO-37763 Int ant patt scatt 30 pct pmt 2 v191223jgv1 \$1,440.00 |
| | Component Description: Amount: | ERI WNEO-002 Int ant patt scatt 30 pct pmt 1 v190814jgv1 \$1,440.00 |
| | Component Description: Amount: | ERI WNEO-55107 v200506jgv1 \$480.00 |
| | Component Description: Amount: | ERI WNEO-37763- 1 Int ant patt scatt 30 pct pmt 3 v191223jgv1 \$1,440.00 |

| | | |
|--|-------------------------------|--|
| UHF - High Power, Side Mount, basic slot antenna, 500 kW input, horizontally polarized | Component Description: | ERI WNEO-37763 Int ant 30 pct pmt 2 v191223jgv1 |
| | Amount: | \$43,764.00 |
| | Component Description: | ERI WNEO-002 Int ant 30 pct pmt 1 v190814jgv1 |
| | Amount: | \$43,764.00 |
| | Component Description: | ERI WNEO-55107 v200506jgv1 |
| | Amount: | \$14,588.00 |
| | Component Description: | ERI WNEO-37763- 1 Int ant 30 pct pmt 3 v191223jgv1 |
| | Amount: | \$43,764.00 |

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

Component Description:

ERI WNEO-37763
Int ant side mt bkts
30 pct pmt 2
v191223jgv1

Amount:

\$4,072.50

Component Description:

ERI WNEO-002 Int
ant side mt bkts 30
pct pmt 1
v190814jgv1

Amount:

\$4,072.50

Component Description:

ERI WNEO-55107
v200506jgv1

Amount:

\$1,357.50

Component Description:

ERI WNEO-37763-
1 Int ant side mt
bkts 30 pct pmt 3
v191223jgv1

Amount:

\$4,072.50

| | | | | | | | | | | | | | | | | | |
|---|---|-------------------------------|--|----------------|------------|-------------------------------|---|----------------|------------|-------------------------------|-------------------------------|----------------|------------|-------------------------------|---|----------------|------------|
| Sweep test of existing antenna | <table> <tr> <td data-bbox="703 174 1013 208">Component Description:</td><td data-bbox="1147 174 1362 327">ERI WNEO-37763 Int ant sweep 30 pct pmt 2 v191223jgv1</td></tr> <tr> <td data-bbox="703 338 815 371">Amount:</td><td data-bbox="1147 338 1267 371">\$1,875.00</td></tr> <tr> <td data-bbox="703 477 1013 510">Component Description:</td><td data-bbox="1147 477 1370 589">ERI WNEO-002 Int ant sweep 30 pct pmt 1 v190814jgv1</td></tr> <tr> <td data-bbox="703 600 815 633">Amount:</td><td data-bbox="1147 600 1267 633">\$1,875.00</td></tr> <tr> <td data-bbox="703 739 1013 772">Component Description:</td><td data-bbox="1147 739 1362 806">ERI WNEO-55107 v200506jgv1</td></tr> <tr> <td data-bbox="703 817 815 851">Amount:</td><td data-bbox="1147 817 1244 851">\$625.00</td></tr> <tr> <td data-bbox="703 956 1013 990">Component Description:</td><td data-bbox="1147 956 1370 1108">ERI WNEO-37763- 1 Int ant sweep 30 pct pmt 3 v191223jgv1</td></tr> <tr> <td data-bbox="703 1120 815 1153">Amount:</td><td data-bbox="1147 1120 1267 1153">\$1,875.00</td></tr> </table> | Component Description: | ERI WNEO-37763 Int ant sweep 30 pct pmt 2 v191223jgv1 | Amount: | \$1,875.00 | Component Description: | ERI WNEO-002 Int ant sweep 30 pct pmt 1 v190814jgv1 | Amount: | \$1,875.00 | Component Description: | ERI WNEO-55107 v200506jgv1 | Amount: | \$625.00 | Component Description: | ERI WNEO-37763- 1 Int ant sweep 30 pct pmt 3 v191223jgv1 | Amount: | \$1,875.00 |
| Component Description: | ERI WNEO-37763 Int ant sweep 30 pct pmt 2 v191223jgv1 | | | | | | | | | | | | | | | | |
| Amount: | \$1,875.00 | | | | | | | | | | | | | | | | |
| Component Description: | ERI WNEO-002 Int ant sweep 30 pct pmt 1 v190814jgv1 | | | | | | | | | | | | | | | | |
| Amount: | \$1,875.00 | | | | | | | | | | | | | | | | |
| Component Description: | ERI WNEO-55107 v200506jgv1 | | | | | | | | | | | | | | | | |
| Amount: | \$625.00 | | | | | | | | | | | | | | | | |
| Component Description: | ERI WNEO-37763- 1 Int ant sweep 30 pct pmt 3 v191223jgv1 | | | | | | | | | | | | | | | | |
| Amount: | \$1,875.00 | | | | | | | | | | | | | | | | |
| Elbow complex, single channel, at antenna input, per 7 3/16. feedline (if needed) | <table> <tr> <td data-bbox="703 1288 1013 1321">Component Description:</td><td data-bbox="1147 1288 1329 1355">Die 802004 v200602pmv1b</td></tr> <tr> <td data-bbox="703 1366 815 1400">Amount:</td><td data-bbox="1147 1366 1267 1400">\$1,373.60</td></tr> <tr> <td data-bbox="703 1505 1013 1538">Component Description:</td><td data-bbox="1147 1505 1329 1572">Die MAN01463 v200217jgv1</td></tr> <tr> <td data-bbox="703 1583 815 1617">Amount:</td><td data-bbox="1147 1583 1267 1617">\$6,181.20</td></tr> <tr> <td data-bbox="703 1722 1013 1756">Component Description:</td><td data-bbox="1147 1722 1326 1789">Die MAN01601 v200415jgv1</td></tr> <tr> <td data-bbox="703 1800 815 1834">Amount:</td><td data-bbox="1147 1800 1267 1834">\$6,181.20</td></tr> </table> | Component Description: | Die 802004 v200602pmv1b | Amount: | \$1,373.60 | Component Description: | Die MAN01463 v200217jgv1 | Amount: | \$6,181.20 | Component Description: | Die MAN01601 v200415jgv1 | Amount: | \$6,181.20 | | | | |
| Component Description: | Die 802004 v200602pmv1b | | | | | | | | | | | | | | | | |
| Amount: | \$1,373.60 | | | | | | | | | | | | | | | | |
| Component Description: | Die MAN01463 v200217jgv1 | | | | | | | | | | | | | | | | |
| Amount: | \$6,181.20 | | | | | | | | | | | | | | | | |
| Component Description: | Die MAN01601 v200415jgv1 | | | | | | | | | | | | | | | | |
| Amount: | \$6,181.20 | | | | | | | | | | | | | | | | |

| | |
|--|---|
| Sweep test of existing antenna | <div> <div> Component Description: Amount: </div> <div> Die MAN01463 v200217jgv1 \$2,880.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> Die MAN01601 v200415jgv1 \$2,880.00 </div> </div> |
| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized | <div> <div> Component Description: Amount: </div> <div> Die 781007 v200529pmv1 \$14,310.57 </div> </div> <div> <div> Component Description: Amount: </div> <div> Die 802004 v200602pmv1b \$6,885.33 </div> </div> <div> <div> Component Description: Amount: </div> <div> Die MAN01463 v200217jgv1 \$95,381.55 </div> </div> <div> <div> Component Description: Amount: </div> <div> Die MAN01601 v200415jgv1 \$95,381.55 </div> </div> |

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 | \$86,100.00 | \$50,365.01 | | \$50,365.00 | |
| Flexible Air Transmission Line - dielectric, 5" | \$86,100.00 | \$50,365.01 | N/A | \$50,365.00 | N/A |
| Primary Transmission Line | \$234,231.00 | \$176,380.60 | | \$163,868.60 | |
| Sweep of existing main line | <i>\$4,295.00</i> | \$4,295.00 | See attached / uploaded PDF file titled "Gates US0328140 Sweep v200129jgv1.pdf" | \$4,295.00 | N/A |
| Rigid Transmission Line - copper, 7 3/16" | \$220,400.00 | \$162,549.60 | N/A | \$150,991.20 | N/A |
| TLSCRs | <i>\$9,536.00</i> | \$9,536.00 | See attached / uploaded PDF file titled "Die MAN01463 v200217jgv1.pdf" | \$8,582.40 | N/A |
| Sub-total | \$320,331.00 | \$226,745.61 | N/A | \$214,233.60 | N/A |
| Total for all systems | \$3,893,677.75 | \$3,440,763.28 | N/A | \$1,636,533.11 | N/A |

Components

| Actual Information | Description | | File Name |
|--|-------------------------------|--|---|
| Flexible Air Transmission Line - dielectric, 5" | Component Description: | | ERI WNEO-37763 Int line 30 pct pmt 2 v191223jgv1 |
| | Amount: | | \$15,109.50 |
| | Component Description: | | ERI WNEO-37763- 1 Int line 30 pct pmt 3 v191223jgv1 |
| | Amount: | | \$15,109.50 |
| | Component Description: | | ERI WNEO-002 Int line 30 pct pmt 1 v190814jgv1 |
| | Amount: | | \$15,109.50 |
| | Component Description: | | ERI WNEO-55107 v200506jgv1 |
| | Amount: | | \$5,036.50 |
| Sweep of existing main line | Component Description: | | B Thompson 016 WR v200527pmv1 |
| | Amount: | | \$300.00 |
| | Component Description: | | Gates US0328140 Sweep v200213jgv2 |
| | Amount: | | \$3,995.00 |

| | |
|--|---|
| Rigid Transmission Line - copper, 7 3/16" | <div> <div> Component Description: Amount: </div> <div> Die 802004 v200602pmv1b \$4,764.96 </div> </div> <div> <div> Component Description: Amount: </div> <div> Die MAN01463 v200217jgv1 \$73,147.32 </div> </div> <div> <div> Component Description: Amount: </div> <div> Die MAN01601 v200415jgv1 \$73,078.92 </div> </div> |
| TLSCRs | <div> <div> Component Description: Amount: </div> <div> Die MAN01463 v200217jgv1 \$4,291.20 </div> </div> <div> <div> Component Description: Amount: </div> <div> Die MAN01601 v200415jgv1 \$4,291.20 </div> </div> |

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 | \$625,000.00 | | \$179,380.15 | |
| Tall Tower (greater than 500') | \$210,500.00 | \$200,000.00 | N/A | \$179,380.15 | N/A |
| Major tower reinforcement /modifications | \$421,000.00 | \$400,000.00 | N/A | N/A | N/A |
| Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study | \$26,300.00 | \$25,000.00 | N/A | N/A | N/A |
| Sub-total | \$657,800.00 | \$625,000.00 | N/A | \$179,380.15 | N/A |
| Total for all systems | \$3,893,677.75 | \$3,440,763.28 | N/A | \$1,636,533.11 | N/A |

Components

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

| | |
|---|--|
| Tall Tower (greater than 500') | <div> Component Description: B Thompson 017 WR v200527pmv1 </div> <div> Amount: \$187.50 </div> |
| | <div> Component Description: Warmus 18140 v200421v1 </div> <div> Amount: \$179,192.65 </div> |
| Major tower reinforcement /modifications | Information not provided. |
| Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study | Information not provided. |

**Cost
Information**

Outside Professional Services

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|--------------------------------|---------------------|--|--------------------|--------------------------------------|
| Outside Professional Services | \$171,531.30 | \$203,751.30 | | \$39,499.30 | |
| Other Legal Services | <i>\$11,251.30</i> | \$11,251.30 | Other Legal Services related to the DTV Repack | \$11,251.30 | N/A |
| Other Engineering Services | <i>\$10,000.00</i> | \$10,000.00 | Cost estimate for other engineering services such as RF calculations, evolving transition plan calculations, bid spec prep / distribution / award recommendation / etc and discussion, etc. | \$2,400.00 | N/A |
| Additional Field Engineering Service, 14 Days | <i>\$28,000.00</i> | \$28,000.00 | N/A | \$525.00 | Additional Engineering Service |

| | | | | | |
|--|-------------|-------------|-----|--------|---|
| Comprehensive coverage verification via field study, if needed | \$84,200.00 | \$80,000.00 | N/A | \$0.00 | Comprehensive coverage verification via field study, if needed WNEO a measured to be used as a basis for comparison with the transmission measurements. See the Construction Engineering WNEO quote and for reference. |
| 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 |
| ASR modification (prepare FCC Form 854) | \$2,105.00 | \$2,000.00 | N/A | N/A | N |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | \$3,680.00 | \$3,500.00 | N/A | N/A | N |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application | \$2,365.00 | \$2,250.00 | N/A | N/A | N |

| | | | | | |
|--|------------|------------|-----|------------|---|
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00 | \$5,000.00 | N/A | \$1,173.50 | Atto section FCC Consti Per Applic Main f WN |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | \$1,580.00 | \$1,500.00 | N/A | N/A | N |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00 | \$3,000.00 | N/A | \$3,000.00 | Engin section FCC Consti Per Applic Main f WNEC the Cor Engir WNEC quote a for refr |
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$7,000.00 | N/A | \$7,000.00 | Engin study f cha assign and ar develc WN |
| Address transition timing and coordination issues w/ other stations and wireless | \$2,630.00 | \$2,500.00 | N/A | N/A | N |

| | | | | | |
|---|----------------|----------------|--|----------------|---|
| Prepare and or review reimbursement form | \$2,630.00 | \$15,000.00 | The cost estimate includes the initial 399 amendment, anticipated subsequent 399 amendments, and ongoing Actual Cost invoice prep and submission by KGA. | \$11,599.50 | N |
| Prepare request for Special Temporary Authorization | \$2,050.00 | \$1,500.00 | N/A | \$1,500.00 | N |
| Project management of the transition | \$3,160.00 | \$29,250.00 | N/A | \$1,050.00 | N |
| Sub-total | \$171,531.30 | \$203,751.30 | N/A | \$39,499.30 | N |
| Total for all systems | \$3,893,677.75 | \$3,440,763.28 | N/A | \$1,636,533.11 | N |

Components

| Actual Information | |
|----------------------|---|
| Description | File Name |
| Other Legal Services | |
| | Component Description: GMP 30466 v200520pmv1 Amount: \$454.50 |
| | Component Description: GMP 29488 v200520pmv1 Amount: \$2,498.00 |
| | Component Description: GMP 30298 v200520pmv1 Amount: \$50.50 |

| | |
|-------------------------------|--------------------------|
| Component Description: | GMP 32002 v200520pmv1 |
| Amount: | \$723.00 |

| | |
|-------------------------------|--------------------------|
| Component Description: | GMP 30644 v200520pmv1 |
| Amount: | \$101.00 |

| | |
|-------------------------------|--------------------------|
| Component Description: | GMP 31803 v200602pmv1 |
| Amount: | \$660.50 |

| | |
|-------------------------------|--------------------------|
| Component Description: | GMP 31614 v200602pmv1 |
| Amount: | \$404.00 |

| | |
|-------------------------------|--------------------------|
| Component Description: | GMP 31414 v200602pmv1 |
| Amount: | \$326.50 |

| | |
|-------------------------------|--------------------------|
| Component Description: | GMP 31030 v200602pmv1 |
| Amount: | \$35.00 |

| | |
|-------------------------------|--------------------------|
| Component Description: | GMP 32356 v200518jgv1 |
| Amount: | \$408.00 |

| | |
|-------------------------------|--------------------------|
| Component Description: | GMP 29793 v200520pmv1 |
| Amount: | \$50.50 |

| | |
|-------------------------------|--------------------------|
| Component Description: | GMP 28560 v200520pmv1 |
| Amount: | \$303.00 |

| | | |
|----------------------------|-------------------------------|---------------------------|
| | Component Description: | GMP 29976 v200520pmv1 |
| | Amount: | \$392.50 |
| | Component Description: | GMP 29621 v200520pmv1 |
| | Amount: | \$2,775.80 |
| | Component Description: | GMP 28670 v200520pmv1 |
| | Amount: | \$505.00 |
| | Component Description: | GMP 32193 v200518jgv1 |
| | Amount: | \$1,563.50 |
| Other Engineering Services | Component Description: | KGA 930-52 v200602pmv1 |
| | Amount: | \$325.00 |
| | Component Description: | KGA 930-65 v200602pmv1 |
| | Amount: | \$825.00 |
| | Component Description: | KGA 930-63 v200602pmv1 |
| | Amount: | \$900.00 |
| | Component Description: | KGA 930-44 v191220jgv1 |
| | Amount: | \$75.00 |
| | Component Description: | KGA 930-78 v200602pmv1 |
| | Amount: | \$275.00 |

| | | | | | | | | | |
|---|--|--|---|--|--|--|---|--|---|
| <p>Additional Field Engineering Service, 14 Days</p> | <table> <tr> <td data-bbox="695 98 1114 443"> <p>Component Description:</p> <p>Amount:</p> </td><td data-bbox="1114 98 1426 443"> <p>Additional Field Engineering Service WNEO Site Prep \$300.00</p> </td></tr> <tr> <td data-bbox="695 443 1114 766"> <p>Component Description:</p> <p>Amount:</p> </td><td data-bbox="1114 443 1426 766"> <p>Additional Field Engineering Service WNEO Site Prep \$225.00</p> </td></tr> <tr> <td data-bbox="695 766 1114 1025"> <p>Component Description:</p> <p>Amount:</p> </td><td data-bbox="1114 766 1426 1025"> <p>Credit Memo requested by FCC for WNEO (\$300.00)</p> </td></tr> <tr> <td data-bbox="695 1025 1114 1319"> <p>Component Description:</p> <p>Amount:</p> </td><td data-bbox="1114 1025 1426 1319"> <p>WNEO - Additional Field Engineering Service - Budget meeting and RF Inventory \$300.00</p> </td></tr> </table> | <p>Component Description:</p> <p>Amount:</p> | <p>Additional Field Engineering Service WNEO Site Prep \$300.00</p> | <p>Component Description:</p> <p>Amount:</p> | <p>Additional Field Engineering Service WNEO Site Prep \$225.00</p> | <p>Component Description:</p> <p>Amount:</p> | <p>Credit Memo requested by FCC for WNEO (\$300.00)</p> | <p>Component Description:</p> <p>Amount:</p> | <p>WNEO - Additional Field Engineering Service - Budget meeting and RF Inventory \$300.00</p> |
| <p>Component Description:</p> <p>Amount:</p> | <p>Additional Field Engineering Service WNEO Site Prep \$300.00</p> | | | | | | | | |
| <p>Component Description:</p> <p>Amount:</p> | <p>Additional Field Engineering Service WNEO Site Prep \$225.00</p> | | | | | | | | |
| <p>Component Description:</p> <p>Amount:</p> | <p>Credit Memo requested by FCC for WNEO (\$300.00)</p> | | | | | | | | |
| <p>Component Description:</p> <p>Amount:</p> | <p>WNEO - Additional Field Engineering Service - Budget meeting and RF Inventory \$300.00</p> | | | | | | | | |
| <p>Comprehensive coverage verification via field study, if needed</p> | <table> <tr> <td data-bbox="695 1319 1114 1664"> <p>Component Description:</p> <p>Amount:</p> </td><td data-bbox="1114 1319 1426 1664"> <p>Comprehensive coverage verification via field study WNEO \$31,718.50</p> </td></tr> <tr> <td data-bbox="695 1664 1114 2024"> <p>Component Description:</p> <p>Amount:</p> </td><td data-bbox="1114 1664 1426 2024"> <p>Comprehensive Coverage Verification, Field Strength Measurements WNEO \$31,718.50</p> </td></tr> </table> | <p>Component Description:</p> <p>Amount:</p> | <p>Comprehensive coverage verification via field study WNEO \$31,718.50</p> | <p>Component Description:</p> <p>Amount:</p> | <p>Comprehensive Coverage Verification, Field Strength Measurements WNEO \$31,718.50</p> | | | | |
| <p>Component Description:</p> <p>Amount:</p> | <p>Comprehensive coverage verification via field study WNEO \$31,718.50</p> | | | | | | | | |
| <p>Component Description:</p> <p>Amount:</p> | <p>Comprehensive Coverage Verification, Field Strength Measurements WNEO \$31,718.50</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. | | | | | | | | | | | | |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | <table> <tr> <td>Component Description:</td><td>Attorney section of Form FCC Construction Permit Application Main Facility WNEO</td></tr> <tr> <td>Amount:</td><td>\$106.50</td></tr> <tr> <td>Component Description:</td><td>Attorney section of Form FCC Construction Permit Application Main Facility WNEO</td></tr> <tr> <td>Amount:</td><td>\$933.00</td></tr> <tr> <td>Component Description:</td><td>Attorney section of Form FCC Construction Permit Application Main Facility WNEO</td></tr> <tr> <td>Amount:</td><td>\$134.00</td></tr> </table> | Component Description: | Attorney section of Form FCC Construction Permit Application Main Facility WNEO | Amount: | \$106.50 | Component Description: | Attorney section of Form FCC Construction Permit Application Main Facility WNEO | Amount: | \$933.00 | Component Description: | Attorney section of Form FCC Construction Permit Application Main Facility WNEO | Amount: | \$134.00 |
| Component Description: | Attorney section of Form FCC Construction Permit Application Main Facility WNEO | | | | | | | | | | | | |
| Amount: | \$106.50 | | | | | | | | | | | | |
| Component Description: | Attorney section of Form FCC Construction Permit Application Main Facility WNEO | | | | | | | | | | | | |
| Amount: | \$933.00 | | | | | | | | | | | | |
| Component Description: | Attorney section of Form FCC Construction Permit Application Main Facility WNEO | | | | | | | | | | | | |
| Amount: | \$134.00 | | | | | | | | | | | | |
| 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 | <p>Component Description: Engineering section of Form FCC Construction Permit Application Main Facility WNEO. See KGA Quote attached.</p> <p>Amount: \$3,000.00</p> |
| Perform engineering study for new channel assignment and antenna development | <p>Component Description: Engineering study for new channel assignment and antenna development WNEO</p> <p>Amount: \$7,000.00</p> |
| Address transition timing and coordination issues w/ other stations and wireless | Information not provided. |
| Prepare and or review reimbursement form | <p>Component Description: Prepare or Review FCC Form 399 for Reimbursement WNEO</p> <p>Amount: \$2,500.00</p> <p>Component Description: KGA 930-40 v200602pmv1</p> <p>Amount: \$50.00</p> <p>Component Description: KGA 930-81 v200602pmv1</p> <p>Amount: \$975.00</p> <p>Component Description: KGA 930-59 v200602pmv1</p> <p>Amount: \$50.00</p> |

| | |
|-------------------------------|---------------------------|
| Component Description: | KGA 930-82 v200602pmv1 |
| Amount: | \$1,025.00 |

| | |
|-------------------------------|---------------------------|
| Component Description: | KGA 980-89 v200518jgv1 |
| Amount: | \$1,375.00 |

| | |
|-------------------------------|---------------------------|
| Component Description: | KGA 930-70 v191220jgv1 |
| Amount: | \$1,925.00 |

| | |
|-------------------------------|---------------------------|
| Component Description: | KGA 930-72 v200602pmv1 |
| Amount: | \$550.00 |

| | |
|-------------------------------|---------------------------|
| Component Description: | KGA 930-36 v200602pmv1 |
| Amount: | \$132.50 |

| | |
|-------------------------------|---|
| Component Description: | Prepare or Review FCC Form 399 for Reimbursement WNEO Attorney Review |
| Amount: | \$392.00 |

| | |
|-------------------------------|---------------------------|
| Component Description: | KGA 980-96 v200518jgv1 |
| Amount: | \$1,675.00 |

| | |
|-------------------------------|---------------------------|
| Component Description: | KGA 930-76 v200518jgv1 |
| Amount: | \$450.00 |

| | | |
|---|-------------------------------|---------------------------|
| | Component Description: | KGA 930-86 v200518jgv1 |
| | Amount: | \$500.00 |
| Prepare request for Special Temporary Authorization | Component Description: | KGA 980-87 v200602pmv1 |
| | Amount: | \$1,500.00 |

Project management of the transition

Component Description: KGA 930-38
v200602pmv1
Amount: \$150.00

Component Description: KGA 930-33
v200602pmv1
Amount: \$150.00

Component Description: KGA 980-93
v200518jgv1
Amount: \$150.00

Component Description: KGA 930-48
v200602pmv1
Amount: \$150.00

Component Description: KGA 930-83
v200602pmv1
Amount: \$150.00

Component Description: KGA 930-74
v200602pmv1
Amount: \$150.00

Component Description: KGA 930-61
v200602pmv1
Amount: \$150.00

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 | \$101,617.00 | \$101,067.00 | | \$58,640.71 | |
| Simulcast FCC required spots and crawls | <i>\$6,247.00</i> | \$6,247.00 | See uploaded / attached PDF file titled "Litewire 11491 v200124jgv1.pdf" | \$6,247.00 | N/A |
| MVPD Notification of Channel Change | <i>\$2,000.00</i> | \$2,000.00 | N/A | \$1,865.00 | N/A |
| Develop and air announcement of upcoming channel change | <i>\$0.00</i> | \$0.00 | N/A | N/A | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <i>\$28,820.00</i> | \$28,820.00 | See attached Quote and Invoices by Priest Construction | \$28,820.00 | N/A |
| Non-zoning permits | <i>\$3,000.00</i> | \$3,000.00 | N/A | N/A | N/A |
| DTV Medical Facility Notification | \$11,550.00 | \$11,000.00 | N/A | \$6,937.00 | N/A |
| Equipment Storage | <i>\$25,000.00</i> | \$25,000.00 | N/A | N/A | N/A |

| | | | | | |
|---|--------------------|----------------|-----|----------------|-----|
| Equipment Delivery and Handling Charges | \$25,000.00 | \$25,000.00 | N/A | \$14,771.71 | N/A |
| Sub-total | \$101,617.00 | \$101,067.00 | N/A | \$58,640.71 | N/A |
| Total for all systems | \$3,893,677.75 | \$3,440,763.28 | N/A | \$1,636,533.11 | N/A |

Components

| Actual Information Description | File Name |
|--|--|
| Simulcast FCC required spots and crawls | Component Description: Litewire 11491 v200219jgv2 Amount: \$6,247.00 |
| MVPD Notification of Channel Change | Component Description: KGA 983-05 v200701jgv2 Amount: \$1,865.00 |
| Develop and air announcement of upcoming channel change | Information not provided. |
| Disposal Costs (for equipment and other waste, net of any salvage value) | Component Description: Priest 000155 v190823jgv1 Amount: \$14,410.00 Component Description: Priest 000146 v190508pmv1 Amount: \$14,410.00 |
| Non-zoning permits | Information not provided. |

| | |
|---|---|
| DTV Medical Facility Notification | <div> Component Description: KGA 983-04 v200602pmv1 </div> <div> Amount: \$6,937.00 </div> |
| Equipment Storage | Information not provided. |
| Equipment Delivery and Handling Charges | <div> Component Description: Harbor Freight 00041J v200204jgv1 </div> <div> Amount: \$223.99 </div> |
| | <div> Component Description: United 179045958-001 v200312jgv1 </div> <div> Amount: \$907.24 </div> |
| | <div> Component Description: United 178449319-001 v200204jgv1 </div> <div> Amount: \$856.67 </div> |
| | <div> Component Description: ERI WNEO-55107 v200506jgv1 </div> <div> Amount: \$6,613.94 </div> |
| | <div> Component Description: Lewis 50161 v200226jgv1 </div> <div> Amount: \$5,457.76 </div> |
| | <div> Component Description: Die 802004 v200602pmv1b </div> <div> Amount: \$712.11 </div> |

| | | | |
|-------------------------|------------------------------|------------------------------------|-----------------------|
| Cost Information | Grand Total | | |
| | | Predetermined Cost Estimate | Estimated Cost |
| | | | Actual Cost |
| | Total for all systems | \$3,893,677.75 | \$3,440,763.28 |
| | | | \$1,636,533.11 |

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

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

| | |
|---|---|
| <p>8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.</p> | |
| <p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p> | <p>Jeffrey C Gehman <i>Engineering Associate</i></p> <p>07/01/2020</p> |

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

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

| | |
|--|--|
| <p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.</p> | |
| <p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p> | <p>Jeffrey C Gehman <i>Engineering Associate</i></p> <p>07/01/2020</p> |

Attachments