

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

| | | | | | | | |
|----------|-------------------|------------|--------------|-------|----------------|----------|-----------------|
| Facility | 57840 | Service: | DTV | Call | WSLS-TV | Channel: | 34 (UHF) |
| ID: | | | | Sign: | | | |
| File | 0000027856 | | | | | | |
| Number: | | | | | | | |
| FRN: | 0025636598 | Date | 04/19 | | | | |
| | | Submitted: | /2018 | | | | |

Applicant Information

Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|--|---|-------------------|--------------------|---------------------------|
| GRAHAM MEDIA GROUP, VIRGINIA, LLC Doing Business As: d/b/a WSLS-TV | Ricky Williams 401 Third Street SW Roanoke, VA 24011 United States | +1 (540) 512-1542 | rwilliams@wsls.com | Limited Liability Company |

Reimbursement Contact Information

Reimbursement Contact Name and Information

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

Preparer Contact Information

Preparer Contact Name and Information

| Applicant | Address | Phone | Email |
|---|--|-------------------|---------------------------|
| William T Godfrey , Jr. . <i>Consulting Engineers Kessler and Gehman Associates, Inc.</i> | William T. Godfrey, Jr. Kessler and Gehman Associates, Inc. 507-D NW 60th Street Gainesville, FL 32607 United States | +1 (352) 332-3157 | jeff@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 | Replace main and aux transmitters. Replace old analog antenna system with new antenna system designed for assigned channel. Operate existing main through assigned phase. Replace aux antenna and line. Map and analyze tower; design and modify if needed. |

Transmitters

| Section | Question | Response |
|------------------------------|---|----------|
| Transmitter Related Expenses | Do you have transmitter related expenses? | Yes |

**Auxiliary
Transmitter****Add Transmitter Information**

| Section | Question | Response |
|---|--|-----------------------|
| Existing Transmitter Description | Type of change | Purchase New |
| | Use | Auxiliary (Backup) |
| | Description of Use | Auxiliary |
| | 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 | Diamond |
| | Year | 2007 |
| | Type | Solid State |
| | Solid State Cooling | Air Cooled |
| | Solid State Power Capacity | 1.8 kW |

**Auxiliary
Transmitter****New Transmitter Costs**

| Section | Question | Response |
|-----------------|---|--|
| New Transmitter | Use | Auxiliary (Backup) |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Manufacturer | |
| | Model | TBD |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Air Cooled |
| | Solid State Power capacity | 1.8 kW |
| | Justification for New Transmitter | The manufacturer of the existing transmitter advises that the transmitter cannot be re- tuned to the assigned channel. See attachment. |

**Auxiliary
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 |

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

**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 | Sigma |
| | Year | 2007 |
| | Type | Inductive Output Tube |
| | IOT Power Type | Two |
| | Power Capacity | 30 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? | No |
| | Manufacturer | |
| | Model | DCX Paragon 2 |
| | Transmitter Type | Inductive Output Tube |
| | IOT Power Type | Two |
| | Power capacity | 50 kW |
| | Justification for New Transmitter | The manufacturer of the existing IOT transmitter advises that the transmitter cannot be re- tuned to the assigned channel. A new Comark Paragon MSDC IOT transmitter is the basis for a replacement as suggested by the FCC. See attachment. |

**Primary
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 | Yes |
| | Description | Additional electrical service needed for the new transmitter and RF plumbing installation. |
| HVAC Service | Does the replacement transmitter require HVAC Service? | Yes |
| | Type | Heating and Cooling |
| | 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 | 700.0 square feet |
| Channel 14 Costs | Is an RF Consulting Engineer needed? | N/A |
| | Is a channel 14 Mask Filer needed? | N/A |
| | Is additional field engineering time needed? | N/A |
| | | |

| | | |
|--|----------------|-----|
| | Number of Days | N/A |
|--|----------------|-----|

Primary
Transmitter

Other Transmitter Cost Not Listed

| Name | Description |
|-------------------------------|--|
| Additional Interior RF System | Interior RF System Existing Transmitter to Interim Transmission line |

Antennas

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

**Auxiliary
Antenna****Add Antenna Information**

| Section | Question | Response |
|---|---|-----------------------|
| Existing Antenna Description | Type of change | Purchase New |
| | Antenna Use | Auxiliary (Backup) |
| | Description of Use | Auxiliary |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is this antenna currently shared with any other stations? | No |
| | Is this antenna directional? | Yes |
| | Is antenna in operating condition? | Yes |
| | Is antenna located on or in close proximity to an antenna farm? | Yes |
| Existing Antenna Manufacturer and Type | Class | Full Power |
| | Mounting | Side Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Horizontal |
| | Type | Slotted Coaxial |
| | Number of Stations Supported | N/A |
| | Number of Panels | N/A |
| | Design power capacity in use | N/A |
| | Lower Limit | N/A |
| | Upper Limit | N/A |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 65.0 kW |
| | | |

| | |
|--------------|---------|
| Manufacturer | |
| Model | TLP-24H |
| Year | 2001 |

Auxiliary Antenna

New Antenna Costs

| Section | Question | Response |
|---------------------------------------|--|-----------------------|
| New Antenna Description | Use | Auxiliary (Backup) |
| | Description of Use | Auxiliary |
| | 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? | Yes |
| New Antenna Manufacturer and Types | 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) | 65.0 kW |
| | Manufacturer | |
| | Model | TBD |

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

Auxiliary Antenna

Other Antenna Costs

| Section | Question | Response |
|------------------------------------|---|----------|
| Combiner for Shared Antenna | Do you need a Combiner for a Shared Antenna? | No |
| | Type | |
| | Number of channels supported | N/A |
| | Frequencies of channels supported | N/A |
| | Frequency | N/A |
| | Do you need a combiner output splitter /switcher for dual feed lines? | N/A |
| Elbow Complex | Do you require the separate purchase of the Elbow Complex? | 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 a high power antenna? | Yes |
| Pattern Scatter Analysis | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | Yes |
| Sweep Test | Do you require the sweep testing of transmission line and antenna? | Yes |

**Auxiliary
Antenna**

Other Antenna Cost Not Listed

Information not provided.

**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? | Yes |
| Existing Antenna Manufacturer and Type | Class | Full Power |
| | Mounting | Side Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Horizontal |
| | Type | Slotted Coaxial |
| | Number of Stations Supported | N/A |
| | Number of Panels | N/A |
| | Design power capacity in use | N/A |
| | Lower Limit | N/A |
| | Upper Limit | N/A |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 1000.0 kW |
| | | |

| | |
|--------------|------------------|
| Manufacturer | |
| Model | TFU-30DSC-R-C170 |
| Year | 2006 |

Primary Antenna

New Antenna Costs

| Section | Question | Response |
|---------------------------------------|--|-------------------------|
| New Antenna Description | Use | Primary (Main) |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | Yes |
| | Ownership | Owned |
| | Owner | N/A |
| | Is antenna shared? | No |
| | Is antenna directional? | Yes |
| | Will antenna be located on or in close proximity to an antenna farm? | Yes |
| New Antenna Manufacturer and Types | Class | Full Power |
| | Mounting | 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) | 930.0 kW |
| | Manufacturer | |
| | Model | TFU-30DSC /VP-R C170 |
| | | |

| | |
|-------------------------------|--|
| Year | 2018 |
| Justification for New Antenna | The existing primary antenna is a single channel slot which cannot accommodate the assigned channel. The proposed antenna is e-pol which is considered an upgrade with a 15% delta in costs according to manufacturer. However, the 399 is budgeted for h-pol. |

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 | 4 1/16 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

Information not provided.

Transmission Line

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

Auxiliary Transmission Line**Add Transmission Line**

| Section | Question | Response |
|--|--|--------------------|
| Existing Transmission Line Description | Type of change | Utilize Existing |
| | Use | Auxiliary (Backup) |
| | Description of Use | Auxiliary |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is this transmission currently shared with any other stations? | No |
| | Is Transmission Line in operating condition? | Yes |
| Existing Transmission Line Manufacturer and Type | Manufacturer | ERI |
| | Type | Flexible Air |
| | Diameter | Other |
| | Other Diameter | 2 1/4 inches |
| | Segment Length | N/A |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 200 feet per run |

Auxiliary
Transmission Line

Other Transmission Line Expenses Not Listed

| Name | Description |
|-------------|---|
| Sweep Tests | Sweep test to verify performance on assigned channel. |

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 | 4 1/16 inches |
| | Other Diameter | N/A |
| | Segment Length | 19 1/2 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 225 feet per run |

**Primary
Transmission Line**

New Transmission Line

| Section | Question | Response |
|--|---|--|
| New Transmission Line Costs | Use | Primary (Main) |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Type | Rigid |
| | Diameter | 6 1/8 inches |
| | Other Diameter | N/A |
| | Segment Length | 20 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 270 feet per run |
| | Justification for New Transmission Line | New longer line for top mount antenna must be larger diameter to achieve assigned ERP. This must be done to recover lost coverage area since the station will receive in excess of 1% interference. |

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

**Tower
Equipment
And
Rigging
Costs**

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

**Primary
Tower**

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? | Terrain Constrained |
| | 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? | Yes |
| | Is tower compliant with Rev G? | No |
| Existing Tower Structure Registration | Do you have a tower registration number? | Yes |
| | ASR Number | 1024381 |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 37° 12' 03.3" N- |
| | Longitude (NAD83) | 080° 08' 52.8" W- |
| | Overall Structure Height | 242.78 feet |
| | Support Structure Height | 170.93 feet |
| | | |

| | | |
|--|--|--|
| | Ground Elevation Above Mean Sea Level (AMSL) | 3720.10 feet |
| | Structure Type | TOWER - Free Standing or Guyed Structure |
| | Tower Owner | Graham Media Group, Virginia, LLC |
| | Date Constructed | 01/01/1980 |

Primary Tower

Tower Modification Costs

| Section | Question | Response |
|----------------------|--|-----------------------------------|
| Engineering Study | Please what type of engineering study is required, if any: | Study needed for documented tower |
| Tower Reinforcements | Please select whether tower reinforcements are needed: | Serious Reinforcements needed |

Primary Tower

Tower Rigging Costs

| Section | Question | Response |
|------------------------------|-----------------------------------|---------------------|
| Tower Rigging Costs | Complex Tower | Terrain constrained |
| Helicopter Services Required | Are helicopter services required? | Yes |

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 | 1250 |
| | 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 | Yes |
| | For Main Facility | Yes |
| | Prepare engineering section of Form FCC License to Cover Application | Yes |
| | For Auxiliary Facility | Yes |
| | For Main Facility | Yes |
| | Prepare request for Special Temporary Authority | Yes |

| | | |
|---|--|-----|
| | Quantity | 2 |
| | Do you have Distributed Transmission System engineering services? | N/A |
| | Critical Facility | N/A |
| | Terrain-Shielded Facility | N/A |
| Attorney and Other Outside Consulting Services | Prepare and file Form FCC Construction Permit Application | Yes |
| | For Auxiliary Facility | Yes |
| | For Main Facility | Yes |
| | Prepare and file Form FCC License to Cover Application | Yes |
| | For Auxiliary Facility | Yes |
| | For Main Facility | Yes |
| | Prepare request for Special Temporary Authority | Yes |
| | Quantity | 2 |
| | NEPA Section 106 environmental review | Yes |
| | Environmental Assessment | Yes |
| | 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 | 45 |
| 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**
Services provided by the contractor are not provided.

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 | Yes |
| | FCC License to Cover Application | Yes |
| | FCC Special Temporary Authority Application | Yes |
| Other Miscellaneous Expenses | Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)? | Yes |
| | Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs? | Yes |
| | Does this relocation require Equipment Storage? | Yes |
| | Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change? | Yes |
| | Does this relocation require MVPD Notification of a Channel Change? | Yes |

| | |
|-----------------------|---|
| Other Expenses | Other Expenses Not Listed Information not provided. |
|-----------------------|---|

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 DCX Paragon 2 | \$1,373,450.00 | \$1,801,470.00 | | \$246,991.51 | |
| Additional Interior RF System | <i>\$140,000.00</i> | \$140,000.00 | N/A | \$750.00 | N/A |
| Other -- Building Addition Size: 700.0 | <i>\$50,000.00</i> | \$50,000.00 | Need pad for new heat exchangers and beam supplies and also need ice shield. | \$5,375.00 | See attached Osborn Engineering Quote and summary page for additional details. |
| Other Electrical Service: Additional electrical service needed for the new transmitter and RF plumbing installation. | <i>\$100,000.00</i> | \$100,000.00 | N/A | \$7,116.51 | See attached Osborn Engineering Quote and summary page for additional details. |
| 3" Rigid Conduit and Wiring (Cost per foot) | \$5,200.00 | \$4,900.00 | N/A | N/A | N/A |

| | | | | | |
|---|-----------------------|-----------------------|--|---------------------|------------|
| Transformer 3 phase /480v - 150 KVA | \$25,550.00 | \$24,300.00 | N/A | N/A | N/A |
| Two IOT system (50 kW) | \$954,000.00 | \$1,388,470.00 | This is the cost for a new 2- tube, DCX Paragon-2 MSDC-IOT digital UHF transmitter from the most recent Comark price list. | \$233,750.00 | N/A |
| Switchgear - industrial 800 amp | \$38,200.00 | \$36,300.00 | N/A | N/A | N/A |
| 10 Ton system | \$60,500.00 | \$57,500.00 | N/A | N/A | N/A |
| Auxiliary Transmitter TBD | \$194,950.00 | \$185,500.00 | | \$20,141.25 | |
| 3" Rigid Conduit and Wiring (Cost per foot) | \$5,200.00 | \$4,900.00 | N/A | 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 - Air Cooled Solid State Transmitter 1 - 2.5 kW | \$126,000.00 | \$120,000.00 | N/A | \$20,141.25 | N/A |
| Sub-total | \$1,568,400.00 | \$1,986,970.00 | N/A | \$267,132.76 | N/A |

| | | | | | |
|------------------------------|----------------|----------------|-----|--------------|-----|
| Total for all systems | \$4,537,995.00 | \$4,453,261.00 | N/A | \$350,224.66 | N/A |
|------------------------------|----------------|----------------|-----|--------------|-----|

Components

| Actual Information | | |
|---|---|---|
| Description | File Name | |
| Additional Interior RF System | Component Description: Amount: | Developed a Solution for Transmitter & Mask Filter on New Channel - Also See attached "KGA Quote" \$750.00 |
| Other -- Building Addition Size: 700.0 | Component Description: Amount: | Facility Building Survey and Condition Assessment for WSLS (See Osborn Engineering Quote) \$5,375.00 |

| | | | | | | | | | |
|---|--|-------------------------------|---|----------------|--------------|-------------------------------|---|----------------|----------|
| <p>Other Electrical Service: Additional electrical service needed for the new transmitter and RF plumbing installation.</p> | <table> <tr> <td data-bbox="715 100 1141 481">Component Description:</td><td data-bbox="1141 100 1428 481">Facility Electrical Survey and Condition Assessment for WSLS (See Osborn Engineering Quote)</td></tr> <tr> <td data-bbox="715 481 1141 548">Amount:</td><td data-bbox="1141 481 1428 548">\$6,616.51</td></tr> <tr> <td data-bbox="715 548 1141 929">Component Description:</td><td data-bbox="1141 548 1428 929">Developed a Solution for Electrical and HVAC on New Channel - Also See attached "KGA Quote"</td></tr> <tr> <td data-bbox="715 929 1141 1003">Amount:</td><td data-bbox="1141 929 1428 1003">\$500.00</td></tr> </table> | Component Description: | Facility Electrical Survey and Condition Assessment for WSLS (See Osborn Engineering Quote) | Amount: | \$6,616.51 | Component Description: | Developed a Solution for Electrical and HVAC on New Channel - Also See attached "KGA Quote" | Amount: | \$500.00 |
| Component Description: | Facility Electrical Survey and Condition Assessment for WSLS (See Osborn Engineering Quote) | | | | | | | | |
| Amount: | \$6,616.51 | | | | | | | | |
| Component Description: | Developed a Solution for Electrical and HVAC on New Channel - Also See attached "KGA Quote" | | | | | | | | |
| Amount: | \$500.00 | | | | | | | | |
| 3" Rigid Conduit and Wiring (Cost per foot) | Information not provided. | | | | | | | | |
| Transformer 3 phase/480v - 150 KVA | Information not provided. | | | | | | | | |
| Two IOT system (50 kW) | <table> <tr> <td data-bbox="715 1227 1141 1512">Component Description:</td><td data-bbox="1141 1227 1428 1512">Inv: WSLS THU9EVO-24 transmitter 25% down pmt UL20180312</td></tr> <tr> <td data-bbox="715 1512 1141 1601">Amount:</td><td data-bbox="1141 1512 1428 1601">\$233,750.00</td></tr> </table> | Component Description: | Inv: WSLS THU9EVO-24 transmitter 25% down pmt UL20180312 | Amount: | \$233,750.00 | | | | |
| Component Description: | Inv: WSLS THU9EVO-24 transmitter 25% down pmt UL20180312 | | | | | | | | |
| Amount: | \$233,750.00 | | | | | | | | |
| Switchgear - industrial 800 amp | Information not provided. | | | | | | | | |
| 10 Ton system | Information not provided. | | | | | | | | |
| 3" Rigid Conduit and Wiring (Cost per foot) | Information not provided. | | | | | | | | |
| Transformer 3 phase/480v - 150 KVA | Information not provided. | | | | | | | | |
| Switchgear - industrial 800 amp | Information not provided. | | | | | | | | |

| | | |
|--|---|---|
| UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW | Component Description: Amount: | Inv: WSLs TMU9- 3 aux transmitter 25% down pmt UL20180313 \$20,141.25 |
|--|---|---|

Cost
Information

Antennas

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|--------------------------------|-------------------|------------------------------------|-------------|------------------------------|
| Primary Antenna TFU-30DSC /VP-R C170 | \$305,800.00 | \$255,500.00 | | \$0.00 | |
| Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed) | \$9,570.00 | \$9,100.00 | N/A | N/A | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | N/A | N/A |

| | | | | | |
|--|---------------------|---------------------|---|--------------------|-----|
| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized | \$289,500.00 | \$240,000.00 | Recognizing that e-pol is an upgrade, the station is budgeting for "h-pol only" which Dielectric said is a 15% delta. Therefore, the estimated cost for an h-pol antenna is only \$240,000 instead of the estimated cost of \$275,000 for an e-pol antenna (15%). | N/A | N/A |
| Auxiliary Antenna TBD | \$213,940.00 | \$147,216.00 | | \$28,816.00 | |
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | \$5,260.00 | \$5,000.00 | N/A | N/A | N/A |

| | | | | | |
|--|----------------|----------------|---|--------------|-----|
| Side mount brackets for high power antennas (if not included in antenna base cost) | \$23,150.00 | \$22,000.00 | N/A | N/A | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | N/A | N/A |
| UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized | \$89,400.00 | \$85,000.00 | N/A | N/A | N/A |
| UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized | \$89,400.00 | \$28,816.00 | ***System Notice: Estimate adjusted and locked because line has been superseded. *** | \$28,816.00 | N/A |
| Sub-total | \$519,740.00 | \$402,716.00 | N/A | \$28,816.00 | N/A |
| Total for all systems | \$4,537,995.00 | \$4,453,261.00 | N/A | \$350,224.66 | N/A |

Components

| Actual Information | |
|--|--|
| Description | File Name |
| Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed) | Information not provided. |
| Sweep test of existing antenna | Information not provided. |
| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized | Information not provided. |
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | Information not provided. |
| Side mount brackets for high power antennas (if not included in antenna base cost) | Information not provided. |
| Sweep test of existing antenna | Information not provided. |
| UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized | Information not provided. |
| UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized | <p>Component Description: Inv: WSLs TLP-24H(C)VP aux antenna 50 percent down pmt UL20180316</p> <p>Amount: \$28,816.00</p> |

Cost
Information

Transmission Line

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|--------------------------------|-------------------|------------------------------------|--------------|------------------------------|
| Primary Transmission Line | \$54,540.00 | \$51,840.00 | | \$0.00 | |
| Rigid Transmission Line - copper, 6 1/8" | \$54,540.00 | \$51,840.00 | N/A | N/A | N/A |
| Auxiliary Transmission Line | \$6,400.00 | \$6,400.00 | | \$0.00 | |
| Sweep Tests | <i>\$6,400.00</i> | \$6,400.00 | N/A | N/A | N/A |
| Sub-total | \$60,940.00 | \$58,240.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$4,537,995.00 | \$4,453,261.00 | N/A | \$350,224.66 | N/A |

Components

Information not provided.

Cost
Information

Tower Equipment and Rigging Costs

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|-----------------------------|----------------|------------------------------|--------------|---------------------------|
| Primary Tower TOWER | \$1,735,600.00 | \$1,362,000.00 | | \$9,970.00 | |
| Structural engineering tower load study for well documented tower | \$12,600.00 | \$12,000.00 | N/A | \$9,970.00 | N/A |
| Serious tower reinforcement /modifications | \$1,052,000.00 | \$700,000.00 | N/A | N/A | N/A |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | \$421,000.00 | \$400,000.00 | N/A | N/A | N/A |
| Tower Helicopter Lift | <i>\$250,000.00</i> | \$250,000.00 | N/A | N/A | N/A |
| Sub-total | \$1,735,600.00 | \$1,362,000.00 | N/A | \$9,970.00 | N/A |
| Total for all systems | \$4,537,995.00 | \$4,453,261.00 | N/A | \$350,224.66 | N/A |

Components

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

| | | |
|---|---|--|
| Structural engineering tower load study for well documented tower | Component Description: Amount: | Develop an Upgrade or Replacement solution for Tower - Also See Attached "KGA Quote" \$750.00 |
| | Component Description: Amount: | Coordinate Tower Modifications - Also See Attached "KGA Quote" \$1,250.00 |
| | Component Description: Amount: | Inv: WSLS Structural Analysis UL20180305 \$4,500.00 |
| | Component Description: Amount: | Coordinate Tower mapping & analyses - Also See Attached "KGA Quote" \$750.00 |
| | Component Description: Amount: | Inv: WSLS Tower Data Collection UL20180402 \$2,720.00 |
| | | |
| Serious tower reinforcement /modifications | Information not provided. | |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | Information not provided. | |
| Tower Helicopter Lift | 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 | \$458,125.00 | \$448,750.00 | | \$44,305.90 | |
| Additional Field Engineering Service, 45 Days | <i>\$90,000.00</i> | \$90,000.00 | N/A | \$14,400.00 | N/A |
| RF Exposure Measurements | \$21,050.00 | \$20,000.00 | N/A | N/A | N/A |
| Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet | \$10,520.00 | \$10,000.00 | N/A | N/A | N/A |
| NEPA Section 106 environmental review, if needed | \$6,310.00 | \$6,000.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | \$7,360.00 | \$7,000.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application | \$2,365.00 | \$2,250.00 | N/A | N/A | N/A |

| | | | | | |
|---|------------|------------|-----|-----|-----|
| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application | \$4,210.00 | \$4,000.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00 | \$5,000.00 | N/A | N/A | N/A |
| Prepare request for Special Temporary Authorization | \$4,100.00 | \$3,000.00 | N/A | N/A | N/A |
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application | \$1,580.00 | \$1,500.00 | N/A | N/A | N/A |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | \$1,580.00 | \$1,500.00 | N/A | N/A | N/A |

| | | | | | |
|--|------------|------------|---|------------|-----|
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application | \$2,105.00 | \$2,000.00 | N/A | N/A | N/A |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00 | \$6,000.00 | \$3,000 for the 1% expansion initial 90- day CP application and \$3,000 for expansion facilities in the 1st priority filing window pursuant to DA 17-106 where costs reasonably incurred in the 1st priority window for expanded facilities will be reimbursed. | \$6,000.00 | N/A |

| | | | | | |
|--|--------------|--------------|--|-------------|--|
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$14,000.00 | \$7,000 for the 1% expansion initial 90-day CP application and \$7,000 for expansion facilities in the 1st priority filing window pursuant to DA 17-106 where costs reasonably incurred in the 1st priority window for expanded facilities will be reimbursed. | \$14,000.00 | N/A |
| Address transition timing and coordination issues w/ other stations and wireless | \$2,630.00 | \$2,500.00 | N/A | N/A | N/A |
| Prepare and or review reimbursement form | \$2,630.00 | \$2,500.00 | N/A | \$5,505.90 | Legal assistance beyond that originally anticipated has been required. |
| Project management of the transition | \$197,500.00 | \$187,500.00 | N/A | \$4,400.00 | N/A |

| | | | | | |
|---|----------------|----------------|-----|--------------|-----|
| ASR modification (prepare FCC Form 854) | \$2,105.00 | \$2,000.00 | N/A | N/A | N/A |
| FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase | \$2,105.00 | \$2,000.00 | N/A | N/A | N/A |
| Comprehensive coverage verification via field study, if needed | \$84,200.00 | \$80,000.00 | N/A | \$0.00 | N/A |
| Sub-total | \$458,125.00 | \$448,750.00 | N/A | \$44,305.90 | N/A |
| Total for all systems | \$4,537,995.00 | \$4,453,261.00 | N/A | \$350,224.66 | N/A |

Components

Actual Information

Description

File Name

| | | | | | | | | | | | | | | | | | |
|--|--|-------------------------------|---|----------------|------------|-------------------------------|--|----------------|------------|-------------------------------|---|----------------|------------|-------------------------------|---|----------------|------------|
| <p>Additional Field Engineering Service, 45 Days</p> | <table> <tr> <td data-bbox="703 174 1011 208">Component Description:</td><td data-bbox="1145 174 1358 483">Additional Field Engineering Services (On Site Equipment inventory & facilities survey) - Also see Attached "KGA Quote"</td></tr> <tr> <td data-bbox="703 499 815 533">Amount:</td><td data-bbox="1145 499 1262 533">\$5,400.00</td></tr> <tr> <td data-bbox="703 636 1011 669">Component Description:</td><td data-bbox="1145 636 1358 786">Inv: WSLs GatesAir manufacturer visit UL20180316</td></tr> <tr> <td data-bbox="703 797 815 831">Amount:</td><td data-bbox="1145 797 1262 831">\$1,800.00</td></tr> <tr> <td data-bbox="703 934 1011 967">Component Description:</td><td data-bbox="1145 934 1358 1043">Inv: WSLs R&S manufacturer visit UL20180316</td></tr> <tr> <td data-bbox="703 1055 815 1088">Amount:</td><td data-bbox="1145 1055 1262 1088">\$1,800.00</td></tr> <tr> <td data-bbox="703 1191 1011 1225">Component Description:</td><td data-bbox="1145 1191 1358 1384">Inv 947-49 WSLs CAS planning procurement and oversight; site visit UL20180412jg</td></tr> <tr> <td data-bbox="703 1395 815 1429">Amount:</td><td data-bbox="1145 1395 1262 1429">\$5,400.00</td></tr> </table> | Component Description: | Additional Field Engineering Services (On Site Equipment inventory & facilities survey) - Also see Attached "KGA Quote" | Amount: | \$5,400.00 | Component Description: | Inv: WSLs GatesAir manufacturer visit UL20180316 | Amount: | \$1,800.00 | Component Description: | Inv: WSLs R&S manufacturer visit UL20180316 | Amount: | \$1,800.00 | Component Description: | Inv 947-49 WSLs CAS planning procurement and oversight; site visit UL20180412jg | Amount: | \$5,400.00 |
| Component Description: | Additional Field Engineering Services (On Site Equipment inventory & facilities survey) - Also see Attached "KGA Quote" | | | | | | | | | | | | | | | | |
| Amount: | \$5,400.00 | | | | | | | | | | | | | | | | |
| Component Description: | Inv: WSLs GatesAir manufacturer visit UL20180316 | | | | | | | | | | | | | | | | |
| Amount: | \$1,800.00 | | | | | | | | | | | | | | | | |
| Component Description: | Inv: WSLs R&S manufacturer visit UL20180316 | | | | | | | | | | | | | | | | |
| Amount: | \$1,800.00 | | | | | | | | | | | | | | | | |
| Component Description: | Inv 947-49 WSLs CAS planning procurement and oversight; site visit UL20180412jg | | | | | | | | | | | | | | | | |
| Amount: | \$5,400.00 | | | | | | | | | | | | | | | | |
| <p>RF Exposure Measurements</p> | <p>Information not provided.</p> | | | | | | | | | | | | | | | | |
| <p>Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet</p> | <p>Information not provided.</p> | | | | | | | | | | | | | | | | |
| <p>NEPA Section 106 environmental review, if needed</p> | <p>Information not provided.</p> | | | | | | | | | | | | | | | | |
| <p>Attorney Fees - Prepare and File request for Special Temporary Authorization</p> | <p>Information not provided.</p> | | | | | | | | | | | | | | | | |

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|---|---------------------------|
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application | Information not provided. |
| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application | Information not provided. |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | Information not provided. |
| Prepare request for Special Temporary Authorization | Information not provided. |
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application | Information not provided. |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | Information not provided. |
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application | Information not provided. |

| | | | | | | | | | |
|---|--|--------------------------------------|--|-----------------------|-------------------|--------------------------------------|--|-----------------------|-------------------|
| <p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p> | <table> <tr> <td data-bbox="697 100 1114 761"> <p>Component Description:</p> </td><td data-bbox="1114 100 1428 761"> <p>Expanded Facilities - Prepare engineering section of Form 301 FCC First Priority Filing Window CP Application to compensate for IX in excess of 1%. Reimbursable pursuant to DA 17-106.</p> </td></tr> <tr> <td data-bbox="697 761 1114 985"> <p>Amount:</p> </td><td data-bbox="1114 761 1428 985"> <p>\$3,000.00</p> </td></tr> <tr> <td data-bbox="697 985 1114 1120"> <p>Component Description:</p> </td><td data-bbox="1114 985 1428 1120"> <p>Engineering Portion of 1% Expansion CP application for Initial 90-Day Filing Window - Also see "KGA Quote".</p> </td></tr> <tr> <td data-bbox="697 1120 1114 1120"> <p>Amount:</p> </td><td data-bbox="1114 1120 1428 1120"> <p>\$3,000.00</p> </td></tr> </table> | <p>Component Description:</p> | <p>Expanded Facilities - Prepare engineering section of Form 301 FCC First Priority Filing Window CP Application to compensate for IX in excess of 1%. Reimbursable pursuant to DA 17-106.</p> | <p>Amount:</p> | <p>\$3,000.00</p> | <p>Component Description:</p> | <p>Engineering Portion of 1% Expansion CP application for Initial 90-Day Filing Window - Also see "KGA Quote".</p> | <p>Amount:</p> | <p>\$3,000.00</p> |
| <p>Component Description:</p> | <p>Expanded Facilities - Prepare engineering section of Form 301 FCC First Priority Filing Window CP Application to compensate for IX in excess of 1%. Reimbursable pursuant to DA 17-106.</p> | | | | | | | | |
| <p>Amount:</p> | <p>\$3,000.00</p> | | | | | | | | |
| <p>Component Description:</p> | <p>Engineering Portion of 1% Expansion CP application for Initial 90-Day Filing Window - Also see "KGA Quote".</p> | | | | | | | | |
| <p>Amount:</p> | <p>\$3,000.00</p> | | | | | | | | |

| | | | | | | | | | |
|---|---|--------------------------------------|---|-----------------------|-------------------|--------------------------------------|--|-----------------------|-------------------|
| <p>Perform engineering study for new channel assignment and antenna development</p> | <table> <tr> <td data-bbox="699 100 1114 728"> <p>Component Description:</p> </td><td data-bbox="1114 100 1428 728"> <p>Expanded Facilities - Performed engineering studies for increased coverage and antenna development in 1st Priority Filing Window to compensate for IX in excess of 1%. Reimbursable pursuant to DA 17-106.</p> </td></tr> <tr> <td data-bbox="699 728 1114 840"> <p>Amount:</p> </td><td data-bbox="1114 728 1428 840"> <p>\$7,000.00</p> </td></tr> <tr> <td data-bbox="699 840 1114 1243"> <p>Component Description:</p> </td><td data-bbox="1114 840 1428 1243"> <p>1% Expansion Engineering Studies and Coordination for Initial 90-CP application - Also see "KGA Quote".</p> </td></tr> <tr> <td data-bbox="699 1131 1114 1243"> <p>Amount:</p> </td><td data-bbox="1114 1131 1428 1243"> <p>\$7,000.00</p> </td></tr> </table> | <p>Component Description:</p> | <p>Expanded Facilities - Performed engineering studies for increased coverage and antenna development in 1st Priority Filing Window to compensate for IX in excess of 1%. Reimbursable pursuant to DA 17-106.</p> | <p>Amount:</p> | <p>\$7,000.00</p> | <p>Component Description:</p> | <p>1% Expansion Engineering Studies and Coordination for Initial 90-CP application - Also see "KGA Quote".</p> | <p>Amount:</p> | <p>\$7,000.00</p> |
| <p>Component Description:</p> | <p>Expanded Facilities - Performed engineering studies for increased coverage and antenna development in 1st Priority Filing Window to compensate for IX in excess of 1%. Reimbursable pursuant to DA 17-106.</p> | | | | | | | | |
| <p>Amount:</p> | <p>\$7,000.00</p> | | | | | | | | |
| <p>Component Description:</p> | <p>1% Expansion Engineering Studies and Coordination for Initial 90-CP application - Also see "KGA Quote".</p> | | | | | | | | |
| <p>Amount:</p> | <p>\$7,000.00</p> | | | | | | | | |
| <p>Address transition timing and coordination issues w/ other stations and wireless</p> | <p>Information not provided.</p> | | | | | | | | |

| | | |
|--|---|--|
| Prepare and or review reimbursement form | Component Description: Amount: | Inv: WSLS Reimburse review etc UL20180305 \$513.00 |
| | Component Description: Amount: | Prepared FCC 399 reimbursement form (Initial Filing) - Also see attached "KGA Quote" \$2,500.00 |
| | Component Description: Amount: | Inv: WSLS Various legal UL20180329 rev'd 20180329jg \$1,197.90 |
| | Component Description: Amount: | Inv: WSLS Various legal UL20180305 \$1,295.00 |

| | |
|--|--|
| Project management of the transition | <div> <div> Component Description: Inv 947-57 WSLS 2018Q1 387 UL20180419jg </div> <div> Amount: \$300.00 </div> </div> <div> <div> Component Description: Inv: WSLS 2017Q4 387 UL20180302 </div> <div> Amount: \$300.00 </div> </div> <div> <div> Component Description: Inv: WSLS 2017Q3 387 UL20180302 </div> <div> Amount: \$300.00 </div> </div> <div> <div> Component Description: Project Management - Also see attached "KGA Quote" Hours: 23-1 /3 Rate: \$150/hr Time Period: 8/1/17 - 8/31/17 </div> <div> Amount: \$3,500.00 </div> </div> |
| ASR modification (prepare FCC Form 854) | Information not provided. |
| FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase | Information not provided. |
| Comprehensive coverage verification via field study, if needed | <div> <div> Component Description: Partial Completion of Comprehensive coverage verification via field study - see "KGA Quote" for fixed price fee. </div> <div> Amount: \$38,200.00 </div> </div> |

Cost Information

Other Expenses

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|-----------------------------|---------------------|---|---------------|---------------------------|
| Other Expenses | \$195,190.00 | \$194,585.00 | | \$0.00 | |
| MVPD Notification of Channel Change | <i>\$2,000.00</i> | \$2,000.00 | N/A | N/A | N/A |
| Develop and air announcement of upcoming channel change | <i>\$100,000.00</i> | \$100,000.00 | It is expected that the station will spend at least \$100,000 developing and airing the required announcements. | N/A | N/A |
| Equipment Storage | <i>\$10,000.00</i> | \$10,000.00 | N/A | N/A | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <i>\$10,000.00</i> | \$10,000.00 | N/A | N/A | N/A |
| FCC Filing Fees - Form 2100 license to cover application | \$335.00 | \$325.00 | A license application may be required after structural analysis results are received which would require a CP mod application and then the license application. | N/A | N/A |

| | | | | | |
|---|--------------------|----------------|--|--------------|-----|
| FCC Filing Fees - Form 2100 minor change CP application | \$1,110.00 | \$1,070.00 | A minor change of CP application may be required after structural analysis results are received. | N/A | N/A |
| FCC Filing Fees - Special Temporary Authorization request | \$195.00 | \$190.00 | An STA will be required for interim operation while the main facility is being built-out. | N/A | N/A |
| Equipment Delivery and Handling Charges | \$50,000.00 | \$50,000.00 | N/A | N/A | N/A |
| Non-zoning permits | \$10,000.00 | \$10,000.00 | N/A | N/A | N/A |
| DTV Medical Facility Notification | \$11,550.00 | \$11,000.00 | N/A | N/A | N/A |
| Sub-total | \$195,190.00 | \$194,585.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$4,537,995.00 | \$4,453,261.00 | N/A | \$350,224.66 | N/A |

Components

Information not provided.

| | | | | |
|-------------------------|------------------------------|------------------------------------|-----------------------|--------------------|
| Cost Information | Grand Total | | | |
| | | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
| | Total for all systems | \$4,537,995.00 | \$4,453,261.00 | \$350,224.66 |

| | | |
|-----------------------------|--|-----------------|
| Reimbursement Status | Question | Response |
| | The facility has ceased operating on its pre-auction channel. | No |
| | Construction of final facilities or all necessary modifications are complete. | No |
| | All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator. | No |

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

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

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|---|---|
| <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>04/19/2018</p> |

| 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.

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| <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>04/19/2018</p> |

Attachments