



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **71297** | Service: **DTV** | Call **WCSC-TV** | Channel: **19 (UHF)**
ID: | Sign:
File **0000024799**
Number:
FRN: **0018223693** | Date **08/14**
Submitted: **/2019**

Applicant Information

Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|--|--|-------------------|------------------|---------------------------|
| GRAY TELEVISION LICENSEE, LLC Doing Business As: WCSC | 4370 PEACHTREE ROAD, NE ATLANTA, GA 30319 United States | +1 (843) 402-5555 | allfclms@gray.tv | 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 |
|--|---------|-------|-------|
| The Preparer is same as the reimbursement contact. | | | |

Broadcaster Information and Transition Plan

| Question | Response |
|----------|----------|
|----------|----------|

| | |
|--|--|
| Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information. | Yes |
| Briefly describe transition plan | Install interim antenna and connect to existing line Install new 7" EIA tx line and connect to existing antenna Will require new combiner for WCSC and WGWG. WGWG is not repacked. |

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 | Retune Existing |
| | Use | Auxiliary (Backup) |
| | Ownership | Owned |
| | Owner | 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 | Harris |
| | Model | UAX-2000AT |
| | Year | 2012 |

| | |
|----------------------------|-------------|
| Type | Solid State |
| Solid State Cooling | Air Cooled |
| Solid State Power capacity | 2.5 kW |

Auxiliary Transmitter

Retuning Transmitter Costs

| Section | Question | Response |
|------------------------|--|----------|
| New IOT Tubes | Number of Tubes (including accessories) needed | N/A |
| New Mask Filter | Power | 3 kW |
| | Other Power | N/A |
| New Exciter | Is a new exciter needed? | No |

Auxiliary 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 |

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 | Power CD |
| | Year | 2014 |
| | Type | Inductive Output Tube |
| | IOT Power Type | Two |
| | Power Capacity | 60 kW |

Primary Transmitter

New Transmitter Costs

| Section | Question | Response |
|------------------------|---|---|
| New Transmitter | Use | Primary (Main) |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Manufacturer | |
| | Model | ULXTE-50 |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 30.1 kW |
| | Justification for New Transmitter | The cost of rental main transmitter coupled with the cost to retune the existing main transmitter is more expensive than the purchase of a comparable solid state transmitter. Quotes attached. |

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 | 300 kVA |
| | Rigid Conduit and Wiring | No |
| | Size | N/A |
| | Length | N/A |
| | Other Electrical Service | Yes |
| | Description | Electrical panel, conduit and wire |
| 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? | Yes |
| | Size | 200.0 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

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 | Retune Existing |
| | 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? | Yes |
| | Is the existing antenna directional? | Yes |
| | Is antenna in operating condition? | Yes |
| | Is antenna located on or in close proximity to an antenna farm? | No |
| Existing Antenna Manufacturer and Type | Class | Full Power |
| | Mounting | Side Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Horizontal |
| | Type | Broadband Panel |
| | Number of Stations Supported | 2 |
| | Number of Panels | 10 |
| | Design power capacity in use | 40.0 % |
| Lower Limit | 470.00 MHz | |

| | |
|---------------------------------|-------------|
| Upper Limit | 690.00 MHz |
| Other Antenna Type | N/A |
| ERP: (Effective Radiated Power) | 1000.0 kW |
| Manufacturer | Dielectric |
| Model | TUP-C3-10-1 |
| Year | 2003 |

Facility ID's and Call Signs of all stations with whom the antenna is shared.

| Facility ID | Call Sign |
|-------------|-----------|
| 21536 | WGWG |

Primary Antenna

Adjustment to Existing Antenna

| Section | Question | Response |
|---------------------------------------|---|----------|
| Sweep Test of Existing Antenna | Do you need a sweep test of existing antenna? | Yes |

Primary Antenna

Other Antenna Costs

| Section | Question | Response |
|------------------------------------|--|------------|
| Combiner for Shared Antenna | Do you need a Combiner for a Shared Antenna? | Yes |
| | Type | New |
| | Number of channels supported | 2 |
| | Frequencies of channels supported | RF channel |
| | Frequency | N/A |

Enter a list of RF channel numbers.

RF Channel Number

34

19

**Primary
Antenna****Other Antenna Cost Not Listed**

| Name | Description |
|-----------------------|-------------------------------|
| Combiner installation | Installation of new combiner. |

**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? | Yes |
| | Is antenna directional? | Yes |
| | Will antenna be located on or in close proximity to an antenna farm? | No |
| New Antenna Manufacturer and Type | Class | Full Power |
| | Mounting | Side Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Horizontal |
| | Type | Broadband Slot |
| | Number of Stations Supported | 2 |
| | Number of Panels/Bays | 16 |
| | Lower Limit | 470.00 MHz |

| | |
|--|---|
| Upper Limit | 686.00 MHz |
| Design power capacity in use | 40.0 % |
| Other Antenna Type | N/A |
| ERP: (Effective Radiated Power) | 1000.0 kW |
| Manufacturer | |
| Model | TFU-WB16 |
| Year | 2019 |
| Justification for New Antenna | Interim antenna for use while new transmission line is installed and connected to existing panel antenna. |

Interim 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 an 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 |

**Interim
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 |

**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? | Yes |
| | Is Transmission Line in operating condition? | Yes |
| Existing Transmission Line Manufacturer and Type | Manufacturer | |
| | Type | Rigid |
| | Diameter | 7 3/16 inches |
| | Other Diameter | N/A |
| | Segment Length | Broadband |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 1920 feet per run |

Facility ID's and Call Signs of all stations with whom the transmission line is shared.

| Facility ID | Call Sign |
|-------------|-----------|
| 21536 | WGWG |

**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 | 7 3/16 inches |
| | Other Diameter | N/A |
| | Segment Length | Broadband |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 1920 feet per run |

Justification for New Transmission Line

Existing line is not true broadband but has selected cut sections to make the line work on current digital channel 47 and analog channel 5. Will not work on channel 19. Sweep data and comments attached. Existing line to serve as interim.

**Primary
Transmission
Line**

Other Transmission Line Expenses Not Listed

| Name | Description |
|----------|------------------------------|
| Nitrogen | Tanks to pressurize new line |

Tower Equipment And Rigging Costs

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

Primary Tower

Existing Tower

| Section | Question | Response |
|--|---|-------------------|
| Existing Tower Description | Type of change | Modify Existing |
| | Tower Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Is this tower consider Complex? | No |
| | Is this tower currently shared with any other stations? | Yes |
| | One or more FM, AM or TV radio broadcaster(s) | Yes |
| | Others Types of Users | No |
| | Is tower documented for structural analysis? | Yes |
| | Is tower compliant with Rev G? | No |
| Existing Tower Structure Registration | Do you have a tower registration number? | Yes |
| | ASR Number | 1051231 |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 32° 55' 29.0" N- |
| | Longitude (NAD83) | 079° 41' 57.0" W- |
| | Overall Structure Height | 1999.98 feet |
| | Support Structure Height | 1999.98 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 16.08 feet |

| | |
|------------------|--|
| Structure Type | TOWER - Free Standing or Guyed Structure |
| Tower Owner | WCSC, LLC |
| Date Constructed | 10/07/2009 |

FM, AM or TV radio broadcasters. Facility ID's, Call Signs and Services of other broadcast stations with whom the tower is shared

| Facility ID | Call Sign | Service |
|-------------|-----------|---------|
| 21536 | WGWG | DTV |
| 60950 | WSCI | FM |
| 60039 | WIWF | FM |
| 61005 | WITV | DTV |

Primary Tower

Tower Modification Costs

| Section | Question | Response |
|----------------------|--|--|
| Engineering Study | Please what type of engineering study is required, if any: | Study needed for undocumented /poorly documented tower |
| Tower Reinforcements | Please select whether tower reinforcements are needed: | No 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 | 595 |
| | Explanation | WCSC-TV requires the aid of outside project management services in order to fulfill the requirements of the repack transition. |
| 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 | No |
| | FAA Consultation (including preparation of FAA Form 7460) | No |
| | Negotiation of Lease and other Matter for Shared Locations | No |
| | Prepare or Review FCC Form 399 for Reimbursement | No |
| | Address transition timing and coordination issues w/ other stations and wireless providers | No |
| RF Field Engineering Services | Comprehensive coverage verification via field study | Yes |
| | RF exposure measurements | No |
| | Additional Field Engineering Service | Yes |
| | Number of Days | 1 |
| | Justification | RF system analysis |

Other Professional Services Expenses Not Listed

Outside

Professional Information not provided.

Services

Costs

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 | No |
| | 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)? | No |
| | 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 |
|---------------------------------------|--------------------------------------|
| Security | Site Security to deter copper theft |
| Internal Corporate Project Management | Raycom Media Corp Project management |

Cost Information

Transmitters

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|-----------------------------|-----------------------|---|---------------------|---------------------------|
| Primary Transmitter ULXTE-50 | \$1,048,823.58 | \$1,072,882.89 | | \$995,941.64 | |
| UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW | \$947,000.00 | \$974,759.31 | Quote attached | \$968,689.06 | N/A |
| Other -- Building Addition Size: 200.0 | <i>\$2,492.00</i> | \$2,492.00 | minor ductwork demolition to allow for new RF system installation. Invoice attached | \$2,492.00 | N/A |
| Other Electrical Service: Electrical panel, conduit and wire | <i>\$24,331.58</i> | \$24,331.58 | Heat Exchanger disconnect panels, new 480v disconnect, new 400 amp distribution panel. Quote attached Invoices received | \$24,331.58 | a |
| Transformer 3 phase /480v - 300 KVA | \$36,800.00 | \$35,000.00 | N/A | N/A | N/A |

| | | | | | |
|---|-----------------------|-----------------------|--|-----------------------|------------|
| Switchgear - industrial 800 amp | \$38,200.00 | \$36,300.00 | N/A | \$429.00 | N/A |
| Auxiliary Transmitter UAX-2000AT | \$109,355.00 | \$12,254.02 | | \$12,254.02 | |
| UHF and VHF - minor banding issues | \$105,200.00 | \$12,254.02 | GateAir Invoice US0315882 | \$12,254.02 | N/A |
| 3 kW mask filter | \$4,155.00 | \$0.00 | included in retune quote attached | N/A | N/A |
| Sub-total | \$1,158,178.58 | \$1,085,136.91 | N/A | \$1,008,195.66 | N/A |
| Total for all systems | \$2,569,525.06 | \$2,190,297.39 | N/A | \$1,446,131.52 | N/A |

Components

Actual Information
Description

File Name

| | | |
|---|---|--|
| UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW | Component Description: Amount: | 1/3 of Liquid Cooled Solid state transmitter due prior to shipment \$319,229.69 |
| | Component Description: Amount: | 15% of Liquid Cooled Solid State Transmitter \$143,653.36 |
| | Component Description: Amount: | UXLTE-50 Transmitter \$408,330.08 |
| | Component Description: Amount: | ULXTE-50 Per quote \$97,475.93 |
| Other -- Building Addition Size: 200.0 | Component Description: Amount: | Duct Work \$2,492.00 |
| Other Electrical Service: Electrical panel, conduit and wire | Component Description: Amount: | Clevis Hanger Adjustable Pipe \$190.53 |
| | Component Description: Amount: | Installed new Channel 2 Tower Transmitter Panel \$23,922.00 |
| | Component Description: Amount: | Union, Cast Copper, 1-1/2" Tube, CXC \$219.05 |

| | | |
|---------------------------------------|---|---|
| Transformer 3 phase/480v - 300 KVA | Information not provided. | |
| Switchgear - industrial 800 amp | Component Description: Amount: | Copper Strap \$429.00 |
| UHF and VHF - minor banding issues | Component Description: Amount: Component Description: Amount: Component Description: Amount: | Channel Change, Quote GA- 00020216 11,092.44 Low Pass Filter, Quote Q-77296 \$9,480.91 Channel Change UAX-2000 per quote \$1,109.24 15% of channel change and proof \$1,663.87 |
| 3 kW mask filter | Information not provided. | |

Cost Information

Antennas

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|-----------------------------|---------------------|--|---------------------|---|
| Interim Antenna TFU-WB16 | \$130,120.70 | \$129,790.70 | | \$115,242.78 | |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | \$3,000.00 | Quote attached |
| UHF - High Power, Side Mount, basic slot antenna, 16 bay,, 1000 kW input, directional,, horizontally polarized | <i>\$123,390.70</i> | \$123,390.70 | Quote 63001 attached | \$112,242.78 | Quote: 123,390.7 Invoice Total: 111,290.92 |
| Primary Antenna TUP-C3-10-1 | \$105,930.00 | \$21,400.00 | | \$1,730.00 | |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | \$0.00 | N/A |
| New combiner, cost per channel (without antenna) | \$84,200.00 | \$0.00 | Included in TX line quote 67003 attached | N/A | N/A |
| Combiner installation | <i>\$15,000.00</i> | \$15,000.00 | N/A | \$1,730.00 | N/A |
| Sub-total | \$236,050.70 | \$151,190.70 | N/A | \$116,972.78 | N/A |

| | | | | | |
|------------------------------|----------------|----------------|-----|----------------|-----|
| Total for all systems | \$2,569,525.06 | \$2,190,297.39 | N/A | \$1,446,131.52 | N/A |
|------------------------------|----------------|----------------|-----|----------------|-----|

Components

| Actual Information Description | File Name |
|--|---|
| Sweep test of existing antenna | <p>Component Description: RF sweep testing of two coax transmission lines</p> <p>Amount: \$3,000.00</p> |
| UHF - High Power, Side Mount, basic slot antenna, 16 bay,, 1000 kW input, directional,, horizontally polarized | <p>Component Description: 10% Balance Due</p> <p>Amount: \$18,747.89</p> <p>Component Description: interim antenna</p> <p>Amount: \$61,695.35</p> <p>Component Description: interim antenna</p> <p>Amount: \$30,847.68</p> <p>Component Description: T/L 6-75 EIA Length up to 5' fixed flg 1 end/ swivel flg 1 end</p> <p>Amount: \$951.86</p> |
| Sweep test of existing antenna | <p>Component Description: Engineering Services</p> <p>Amount: \$2,709.04</p> |
| New combiner, cost per channel (without antenna) | Information not provided. |

Combiner installation

Component Description: Connect coax output of WGWG-TV transmitter into WCSC-TVs new 2-station RF combiner
Amount: \$1,730.00

Component Description: Electrical Testing
Amount: \$7,362.25

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 | \$639,993.86 | \$414,902.86 | | \$39,714.77 | |
| Rigid Transmission Line - copper, 7 3/16" broadband | \$639,360.00 | \$414,269.00 | Quote 67003: 390,816.00 C/O: 2/8 /18: 10,015.00 cut sections C /O: 1/23 /18: 13,438.00 cut sections Net: 414,269 | \$39,081.53 | N/A |
| Nitrogen | <i>\$633.86</i> | \$633.86 | Airgas invoices total (attached) | \$633.24 | N/A |
| Sub-total | \$639,993.86 | \$414,902.86 | N/A | \$39,714.77 | N/A |
| Total for all systems | \$2,569,525.06 | \$2,190,297.39 | N/A | \$1,446,131.52 | N/A |

Components

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

Rigid Transmission Line -
copper, 7 3/16" broadband

Component Description: Rigid
Transmission Line
Amount: \$14,769.15

Component Description: Reducer, Flange,
etc
Amount: \$4,271.33

Component Description: Interim Antenna
Amount: N/A

Component Description: Interim Antenna
Amount: N/A

Component Description: Rigid
Transmission Line
10% Balance Due
Amount: \$39,081.53

Component Description: Rigid
Transmission Line
Amount: \$21,229.11

Component Description: Elbow, Anchor,
Flange quote with
change orders
attached
Amount: \$8,795.40

Nitrogen

Component Description: Nitrogen industrial
300
Amount: \$199.31

Component Description: Nitrogen Industrial
300
Amount: \$199.31

Component Description: Nitrogen Industrial
300
Amount: \$234.62

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 | \$236,800.00 | \$248,600.00 | | \$193,100.00 | |
| Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study | \$26,300.00 | \$18,600.00 | Per invoices received | \$13,100.00 | There is a pre-determined cost that is more than the invoice. |
| Tall Tower (greater than 500') | \$210,500.00 | \$230,000.00 | Per Tower King II proposal C-18-001 (uploaded to LMS) | \$180,000.00 | N/A |
| Sub-total | \$236,800.00 | \$248,600.00 | N/A | \$193,100.00 | N/A |
| Total for all systems | \$2,569,525.06 | \$2,190,297.39 | N/A | \$1,446,131.52 | N/A |

Components

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

| | |
|--|---|
| <p>Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study</p> | <p>Component Description: Tower Service - Mapping of WCSC Facility ID # 71297</p> <p>Amount: \$5,500.00</p> |
| | <p>Component Description: WCSC's portion of tower mapping services</p> <p>Amount: \$5,500.00</p> |
| | <p>Component Description: Feasibility Structural Analysis</p> <p>Amount: \$7,600.00</p> |
| <p>Tall Tower (greater than 500')</p> | <p>Component Description: Down payment /mobilization for WCSC</p> <p>Amount: \$50,000.00</p> |
| | <p>Component Description: Completion of Phase 1a of WCSC</p> <p>Amount: \$130,000.00</p> |

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 | \$203,660.00 | \$203,425.00 | | \$32,589.28 | |
| Additional Field Engineering Service, 1 Days | <i>\$0.00</i> | \$0.00 | not required | N/A | N/A |
| Comprehensive coverage verification via field study, if needed | \$84,200.00 | \$80,000.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | \$3,680.00 | \$3,500.00 | N/A | \$868.73 | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application | \$2,365.00 | \$2,250.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00 | \$5,000.00 | N/A | N/A | N/A |
| Prepare request for Special Temporary Authorization | \$2,050.00 | \$1,500.00 | N/A | N/A | N/A |

| | | | | | |
|--|----------------|----------------|---------------------------------------|----------------|-----------------------------|
| Project management of the transition | \$94,010.00 | \$99,675.00 | Please see the attached Widely quote. | \$29,345.55 | N/A |
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$7,000.00 | N/A | \$2,375.00 | Estimated cost to be added. |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00 | \$3,000.00 | N/A | \$0.00 | 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 |
| Sub-total | \$203,660.00 | \$203,425.00 | N/A | \$32,589.28 | N/A |
| Total for all systems | \$2,569,525.06 | \$2,190,297.39 | N/A | \$1,446,131.52 | N/A |

Components

| Actual Information | |
|--|---------------------------|
| Description | File Name |
| Additional Field Engineering Service, 1 Days | Information not provided. |
| Comprehensive coverage verification via field study, if needed | Information not provided. |

| | |
|--|--|
| Attorney Fees - Prepare and File request for Special Temporary Authorization | <p>Component Description: Professional legal services</p> <p>Amount: \$868.73</p> |
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application | Information not provided. |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | Information not provided. |
| Prepare request for Special Temporary Authorization | Information not provided. |
| Project management of the transition | <p>Component Description: Project Management</p> <p>Amount: \$2,965.95</p> <p>Component Description: Project Management LMS 387 Q1 Progress Report - Robert E Thurber, 15 mins @ \$154.00/hr</p> <p>Amount: \$77.00</p> <p>Component Description: Project Management</p> <p>Amount: \$2,734.60</p> <p>Component Description: Project Management</p> <p>Amount: \$3,097.45</p> <p>Component Description: Project Management</p> <p>Amount: \$3,320.65</p> |

| | |
|--|---|
| | <p>Component Description: Project management</p> <p>Amount: \$4,861.55</p> |
| | <p>Component Description: Project Management</p> <p>Amount: \$2,531.70</p> |
| | <p>Component Description: Project Management</p> <p>Amount: \$3,583.85</p> |
| | <p>Component Description: Project Management</p> <p>Amount: \$3,960.35</p> |
| | <p>Component Description: Project Management</p> <p>Amount: \$2,212.45</p> |
| Perform engineering study for new channel assignment and antenna development | <p>Component Description: Engineering study work new channel and antenna development</p> <p>Amount: \$125.00</p> |
| | <p>Component Description: Engineering study and preparation of engineering portion of FCC Form 2100</p> <p>Amount: \$2,250.00</p> |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | Information not provided. |

Prepare engineering section
of FCC Form 2100 (main),
License to Cover Application

Information not provided.

Cost Information

Other Expenses

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|-----------------------------|--------------------|--|--------------------|---------------------------|
| Other Expenses | \$94,841.92 | \$87,041.92 | | \$55,559.03 | |
| Internal Corporate Project Management | <i>\$35,000.00</i> | \$35,000.00 | Estimated internal labor cost Detailed spreadsheet will be attached for each invoice | \$26,367.11 | N/A |
| Security | <i>\$7,072.00</i> | \$7,072.00 | Hours and cost verification attached with initial quote | \$7,072.00 | N/A |
| MVPD Notification of Channel Change | <i>\$0.00</i> | \$0.00 | N/A | N/A | N/A |
| Develop and air announcement of upcoming channel change | <i>\$2,850.00</i> | \$2,850.00 | estimate for on air rescan announcement production. Quote attached | N/A | N/A |
| DTV Medical Facility Notification | \$11,550.00 | \$3,750.00 | Group quote attached | \$3,750.00 | N/A |
| Equipment Delivery and Handling Charges | <i>\$18,369.92</i> | \$18,369.92 | On site forklift rental Per invoice received | \$18,369.92 | N/A |

| | | | | | |
|------------------------------|--------------------|----------------|---|----------------|-----|
| Equipment Storage | <i>\$20,000.00</i> | \$20,000.00 | Estimate for Dielectric on site antenna storage Dielectric letter attached | N/A | N/A |
| Sub-total | \$94,841.92 | \$87,041.92 | N/A | \$55,559.03 | N/A |
| Total for all systems | \$2,569,525.06 | \$2,190,297.39 | N/A | \$1,446,131.52 | N/A |

Components

| Actual Information | |
|---|---|
| Description | File Name |
| Internal Corporate Project Management | <p>Component Description: Internal Project Management See attachment for details</p> <p>Amount: \$26,367.11</p> |
| Security | <p>Component Description: Security</p> <p>Amount: \$4,080.00</p> <p>Component Description: Security</p> <p>Amount: \$2,992.00</p> |
| MVPD Notification of Channel Change | Information not provided. |
| Develop and air announcement of upcoming channel change | Information not provided. |
| DTV Medical Facility Notification | <p>Component Description: Medical Notifiacion</p> <p>Amount: \$3,750.00</p> |

| | |
|---|---|
| Equipment Delivery and Handling Charges | <p>Component Description: Shooting Boom Forklift</p> <p>Amount: \$5,463.00</p> |
| | <p>Component Description: Diesel</p> <p>Amount: \$80.93</p> |
| | <p>Component Description: Shooting Boom Forklift</p> <p>Amount: \$3,040.34</p> |
| | <p>Component Description: Shooting Boom Forklift</p> <p>Amount: \$5,013.32</p> |
| | <p>Component Description: Shooting Boom Forklift Rental</p> <p>Amount: \$4,772.33</p> |
| Equipment Storage | Information not provided. |

Cost Information **Grand Total**

| | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
|------------------------------|------------------------------------|-----------------------|--------------------|
| Total for all systems | \$2,569,525.06 | \$2,190,297.39 | \$1,446,131.52 |

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

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

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

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

**Robert
Folliard , III**
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*Assistant
Secretary*

08/14/2019

| 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.

8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

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

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

**Robert
Folliard , III**
.
*Assistant
Secretary*

08/14/2019

Attachments