



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **46728** | Service: **DTV** | Call **WCAX-TV** | Channel: **20 (UHF)** |
ID: | Sign: |
File **0000028424**
Number: |
FRN: **0018223693** | Date **02/16**
Submitted: **/2021**

Applicant Information

Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|---|--|-------------------|--------------------|---------------------------|
| GRAY TELEVISION LICENSEE, LLC Doing Business As: WCAX TV | WCAX 4370 PEACHTREE ROAD, NE ATLANTA, GA 30319 United States | +1 (404) 504-9828 | allfccclms@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 |
|--|--|-------------------|--------------------|
| Ellen Baier <i>Gray Television Licensee, LLC</i> | WCAX PO Box 4508 Atlanta, GA 30319 United States | +1 (404) 504-9828 | allfccclms@gray.tv |

**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 | WCAX-TV will transition from Channel 22 to the newly assigned Channel 20. This will impact WPTZ which shares the tower and antenna |

Transmitters

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

**Primary
Transmitter**

Existing Transmitter Information

| Section | Question | Response |
|---|--|--------------------------|
| Existing Transmitter Description | Type of change | Purchase New |
| | Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is this transmitter currently shared with another station? | No |
| | Is this transmitter currently in operating condition? | Yes |
| Existing Transmitter Manufacturer and Type | Manufacturer | |
| | Model | PWR60D2 |
| | Year | 2006 |
| | 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 | ULXTED-60 |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 38.4 kW |
| | Justification for New Transmitter | There is no room available to perform a retune of the existing IOT transmitter. |

Primary
Transmitter

Other Transmitter Costs

| Section | Question | Response |
|--------------------|---------------------------------------|----------|
| Electrical Service | Service Entrance (3 phases 800A 208V) | No |
| | Switchgear (industrial 800 amp) | No |
| | Transformer (480V) | No |
| | Power | N/A |
| | Rigid Conduit and Wiring | No |
| | Size | N/A |
| | Length | N/A |
| | | |

| | | |
|--|---|---|
| | Other Electrical Service | Yes |
| | Description | The new transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors. |
| HVAC Service | Does the replacement transmitter require HVAC Service? | No |
| | Type | N/A |
| | Size | N/A |
| | Other Size | N/A |
| Transmitter Building Addition/Modification or Leasehold Improvement | Does the Transmitter Building require an addition, modification, other leasehold improvement? | No |
| | Size | N/A |
| Channel 14 Costs | Is an RF Consulting Engineer needed? | N/A |
| | Is a channel 14 Mask Filer needed? | N/A |
| | Is additional field engineering time needed? | N/A |
| | Number of Days | N/A |

Primary Transmitter

Other Transmitter Cost Not Listed

| Name | Description |
|--|--|
| De-Install Old Equipment | De-Install Old Equipment |
| Primary Transmitter-Distilled Water and Antifreeze | Primary Transmitter-Distilled Water and Antifreeze |

| | |
|-------------------------|----------------------------------|
| Additional Parts | Additional Parts for Transmitter |
|-------------------------|----------------------------------|

**Interim
Transmitter**

New Transmitter Costs

| Section | Question | Response |
|------------------------|-----------------------------------|---|
| New Transmitter | Use | Interim |
| | Description of Use | N/A |
| | Change Type | Purchase |
| | Manufacturer | |
| | Model | ULXTE-30 |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 19.2 kW |
| | Justification for New Transmitter | Needed to broadcast during transition period because the existing IOT must be removed to allow for the installation of the interim transmitter. |

**Interim
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 | Yes |
| | Description | The new transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors. |
| HVAC Service | Does the replacement transmitter require HVAC Service? | No |
| | Type | N/A |
| | Size | N/A |
| | Other Size | N/A |
| Transmitter Building Addition/Modification or Leasehold Improvement | Does the Transmitter Building require an addition, modification, other leasehold improvement? | No |
| | Size | N/A |
| Channel 14 Costs | Is an RF Consulting Engineer needed? | N/A |
| | Is a channel 14 Mask Filer needed? | N/A |
| | Is additional field engineering time needed? | N/A |
| | Number of Days | N/A |
| Inside RF System | Is an additional interior RF system required to support this interim transmitter? | Yes |

Interim
Transmitter

Other Transmitter Cost Not Listed

| Name | Description |
|-------------------------|--|
| UHF Inside RF System | UHF Inside RF System including switching |
| New Interim Transformer | Transformer for the Interim Transmitter |

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? | Yes |
| Existing Antenna Manufacturer and Type | Class | Full Power |
| | Mounting | Top Mount |
| | Antenna position in stack | Bottom |
| | Polarization | Horizontal |
| | Type | Broadband Panel |
| | Number of Stations Supported | 2 |
| | Number of Panels | 40 |
| | Design power capacity in use | 100.0 % |
| | Lower Limit | 470.00 MHz |

| | |
|---------------------------------|--------------------------------|
| Upper Limit | 710.00 MHz |
| Other Antenna Type | N/A |
| ERP: (Effective Radiated Power) | 443.0 kW |
| Manufacturer | Dielectric |
| Model | TUP-04 /C4SP-10 /40H-2-R |
| Year | 2006 |

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

| Facility ID | Call Sign |
|-------------|-----------|
| 57476 | WPTZ |

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 | 3 |
| | Frequencies of channels supported | Upper and lower frequency |
| | Frequency | 470.0 MHz - 698.0 MHz |

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

| Name | Description |
|----------------------------------|---|
| Site Survey and Coverage Mapping | GatesAir Site Survey and Coverage Mapping |
| Lower Power Line Antenna Sweep | Antenna sweep for low power line |
| Lower Power Elbow Complex | 3 1/8" line feed, broadband |

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

| Section | Question | Response |
|---|---|-----------------------|
| Existing Antenna Description | Type of change | Retune Existing |
| | Antenna Use | Auxiliary (Backup) |
| | Description of Use | Backup |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is this antenna currently shared with any other stations? | Yes |
| | Is this antenna directional? | No |
| | Is antenna in operating condition? | Yes |
| Existing Antenna Manufacturer and Type | Is antenna located on or in close proximity to an antenna farm? | Yes |
| | Class | Full Power |
| | Mounting | Top Mount |
| | Antenna position in stack | Top |
| | Polarization | Horizontal |
| | Type | Broadband Panel |
| | | |

| | |
|--|---------------------|
| Number of Stations Supported | 2 |
| Number of Panels | 8 |
| Design power capacity in use | 100.0 % |
| Lower Limit | 470.00 MHz |
| Upper Limit | 710.00 MHz |
| Other Antenna Type | N/A |
| ERP: (Effective Radiated Power) | 76.6 kW |
| Manufacturer | Dielectric |
| Model | TUP-04-2 /8U-1-R |
| Year | 2006 |

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

| Facility ID | Call Sign |
|-------------|-----------|
| 57476 | WPTZ |

Auxiliary Antenna

Adjustment to Existing Antenna

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

Auxiliary 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 | 3 |
| | | |

| | |
|-----------------------------------|---------------------------|
| Frequencies of channels supported | Upper and lower frequency |
| Frequency | 470.0 MHz - 698.0 MHz |

Auxiliary 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 | Purchase New |
| | Use | Auxiliary (Backup) |
| | Description of Use | Backup |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is this transmission currently shared with any other stations? | Yes |
| | 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 | Broadband |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 500 feet per run |

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

| Facility ID | Call Sign |
|-------------|-----------|
| 57476 | WPTZ |

Auxiliary **New Transmission Line**
Transmission Line **Section**

| Section | Question | Response |
|------------------------------------|---|---|
| New Transmission Line Costs | Use | Auxiliary (Backup) |
| | Description of Use | Backup |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Type | Rigid |
| | Diameter | 4 1/16 inches |
| | Other Diameter | N/A |
| | Segment Length | Broadband |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 500 feet per run |
| | Justification for New Transmission Line | Line sweep determined that flange summing occurs in band for repacked channel 20 eliminating chances to reuse any of the existing lines |

Auxiliary **Other Transmission Line Expenses Not Listed**
Transmission Line **Information not provided.**

Primary
Transmission Line

Add 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 this transmission currently shared with any other stations? | Yes |
| | Is Transmission Line in operating condition? | Yes |
| Existing Transmission Line Manufacturer and Type | Manufacturer | |
| | Type | Rigid |
| | Diameter | 3 1/8 inches |
| | Other Diameter | N/A |
| | Segment Length | Broadband |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 450 feet per run |

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

| Facility ID | Call Sign |
|-------------|-----------|
| 57476 | WPTZ |

Primary **New Transmission Line**
Transmission Line

| Section | Question | Response |
|------------------------------------|---|---|
| New Transmission Line Costs | Use | Primary (Main) |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Type | Rigid |
| | Diameter | 3 1/8 inches |
| | Other Diameter | N/A |
| | Segment Length | Broadband |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 450 feet per run |
| | Justification for New Transmission Line | Line sweep determined that flange summing occurs in band for repacked channel 20 eliminating chances to reuse any of the existing lines |

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

| Name | Description |
|---|--|
| Sweep Existing Transmission Line | Sweep test of existing transmission line |

**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 | 6 1/8 inches |
| | Other Diameter | N/A |
| | Segment Length | Broadband |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 450 feet per run |

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

| Facility ID | Call Sign |
|-------------|-----------|
| 57476 | WPTZ |

Primary **New Transmission Line**
Transmission Line

| Section | Question | Response |
|------------------------------------|---|---|
| New Transmission Line Costs | Use | Primary (Main) |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Type | Rigid |
| | Diameter | 6 1/8 inches |
| | Other Diameter | N/A |
| | Segment Length | Broadband |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 450 feet per run |
| | Justification for New Transmission Line | Line sweep determined that flange summing occurs in band for repacked channel 20 eliminating chances to reuse any of the existing lines |

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

Information not provided.

Tower Equipment And Rigging Costs

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

Primary Tower

Existing Tower

| Section | Question | Response |
|---|---|---------------------|
| Existing Tower Description | Type of change | Modify Existing |
| | Tower Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Is this tower consider Complex? | Terrain Constrained |
| | 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 | Yes |
| | Is tower documented for structural analysis? | No |
| | Is tower compliant with Rev G? | No |
| Existing Tower Structure Registration | Do you have a tower registration number? | No |
| | ASR Number | |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 44° 31' 32.19" N- |
| | Longitude (NAD83) | 072° 48' 56.4" W- |
| | Overall Structure Height | 185.00 feet |
| | Support Structure Height | 130.00 feet |
| | | |

| | |
|--|-------------------|
| Ground Elevation Above Mean Sea Level (AMSL) | 4166.67 feet |
| Structure Type | MTOWER - Monopole |
| Tower Owner | WCAX-TV |
| Date Constructed | 01/01/2005 |

**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 |
|-------------|-----------|---------|
| 57476 | WPTZ | DTV |

Other Types of Users

| Users |
|---------|
| WEZF FM |
| WVPS FM |

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: | Minor 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

| Name | Description |
|----------------------------------|---------------------------------------|
| Move Equipment | Replace transmission lines |
| Tower structural analysis | Structural analysis of existing tower |
| Corrosion analysis | Corrosion analysis |

**Outside
Professional**

| Section | Question | Response |
|---|--|-------------------|
| Services Costs Outside Project Management Services | Do you require outside project management services? | Yes |
| | Number of Hours | 900 |
| | Explanation | Strategic Support |
| 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 | No |
| | Quantity | N/A |
| | 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 | 1 |
| | NEPA Section 106 environmental review | No |
| | Environmental Assessment | Yes |
| | 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 | Yes |
| | Address transition timing and coordination issues w/ other stations and wireless providers | Yes |
| RF Field Engineering Services | Comprehensive coverage verification via field study | No |
| | RF exposure measurements | Yes |
| | Additional Field Engineering Service | No |
| | Number of Days | N/A |
| | Justification | N/A |

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

| Name | Description |
|---|---|
| Additional Repack Legal Services Not Otherwise Specified in Form 399 | Other Attorney services |
| Outside Professional Services - Engineering Consulting Services | Outside Professional Services-Engineering Consulting Services |

Other Expenses

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

**Other
Expenses**

Other Expenses Not Listed

| Name | Description |
|------------------|--|
| Contractor Meals | Food for crew at mountain transmitter site |
| Taxes | State and Local Taxes |

Cost Information

Transmitters

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|-----------------------------|---------------------|--|---------------------|---------------------------|
| Interim Transmitter ULXTE-30 | \$907,526.21 | \$680,587.95 | | \$665,916.58 | |
| New Interim Transformer | <i>\$2,798.21</i> | \$2,798.21 | Please see the attached GatesAir quote Q-77168 and change order Q-77494. | \$2,798.21 | N/A |
| UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW | \$684,000.00 | \$593,042.99 | see Estimated Cost Justification WCAX-180-New Interim Transmitter v0 | \$579,307.62 | N/A |
| UHF inside RF system including switching | \$147,500.00 | \$11,518.75 | N/A | \$11,518.75 | N/A |
| UHF Inside RF System | <i>\$0.00</i> | \$0.00 | Consolidated with UHF Inside RF System including switch category. | \$0.00 | N/A |

| | | | | | |
|---|-----------------------|-----------------------|--|-----------------------|-----|
| Other Electrical Service: The new transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors. | \$73,228.00 | \$73,228.00 | See quote, amended to be added to this document per FCC request dated 8/14 /17 (complete response narrative attached as well). The physical build for the interim /permanent transmitter solution drove the cost of quote. | \$72,292.00 | N/A |
| Primary Transmitter ULXTED-60 | \$1,591,899.01 | \$1,655,523.85 | | \$1,574,411.37 | |
| Primary Transmitter-Distilled Water and Antifreeze | \$197.80 | \$197.80 | Please see WCAX-TV Primary Transmitter-Distilled Water and Antifreeze Budget Revision Justification Letter | \$197.80 | N/A |
| De-Install Old Equipment | \$38,413.53 | \$38,413.53 | Please see GatesAir quote Q-79921 | \$38,413.53 | N/A |

| | | | | | |
|---|--------------------|----------------|---|----------------|-----|
| UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW | \$1,473,000.00 | \$1,536,624.84 | see Estimated Cost Justification WCAX-110- New 1st Primary Transmitter v1 | \$1,464,827.61 | N/A |
| Additional Parts | \$214.68 | \$214.68 | Please see WCAX-TV Primary Transmitter - Additional Parts Revision Justification Cover Letter | \$214.68 | N/A |
| Other Electrical Service: The new transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors. | \$80,073.00 | \$80,073.00 | Justifying Quote - WCAX Delta Main Transmitter - Electrical | \$70,757.75 | N/A |
| Sub-total | \$2,499,425.22 | \$2,336,111.80 | N/A | \$2,240,327.95 | N/A |
| Total for all systems | \$4,139,135.47 | \$4,262,453.38 | N/A | \$3,329,755.89 | N/A |

Components

Actual Information

Description

File Name

| | |
|--|--|
| New Interim Transformer | <div> <div>Component Description:</div> <div>WCAX-180-New Interim Transformer</div> <div>Amount:</div> <div>\$2,798.21</div> </div> |
| UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW | <div> <div>Component Description:</div> <div>A. Transmitter</div> <div>Amount:</div> <div>\$52,409.08</div> </div> <div> <div>Component Description:</div> <div>ULXTE-30 Transmitter</div> <div>Amount:</div> <div>\$182,400.87</div> </div> <div> <div>Component Description:</div> <div>ULXTE-30 Transmitter</div> <div>Amount:</div> <div>\$344,497.67</div> </div> |
| UHF inside RF system including switching | <div> <div>Component Description:</div> <div>Field service, Tv ULXTE-30 Channel Change</div> <div>Amount:</div> <div>\$11,518.75</div> </div> |
| UHF Inside RF System | Information not provided. |

| | | |
|--|--|---|
| <p>Other Electrical Service: The new transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors.</p> | <p>Component Description:</p> <p>Amount:</p> | <p>Labor and Material</p> <p>\$7,237.00</p> |
| | <p>Component Description:</p> <p>Amount:</p> | <p>Labor and Material</p> <p>\$7,500.00</p> |
| | <p>Component Description:</p> <p>Amount:</p> | <p>materials & installation of the electrical service to the interim UHF transmitter</p> <p>\$14,500.00</p> |
| | <p>Component Description:</p> <p>Amount:</p> | <p>Labor and material</p> <p>\$16,055.00</p> |
| | <p>Component Description:</p> <p>Amount:</p> | <p>Labor and Material</p> <p>\$17,000.00</p> |
| | <p>Component Description:</p> <p>Amount:</p> | <p>Labor and Material</p> <p>\$10,000.00</p> |
| Primary Transmitter-Distilled Water and Antifreeze | <p>Component Description:</p> <p>Amount:</p> | <p>Distilled water for new transmitter</p> <p>\$197.80</p> |
| De-Install Old Equipment | <p>Component Description:</p> <p>Amount:</p> | <p>Field Service, TV</p> <p>\$38,413.53</p> |
| UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW | <p>Component Description:</p> <p>Amount:</p> | <p>ULXTED-60 Transmitter</p> <p>\$984,944.19</p> |

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| Component Description: | Transmitter |
| Amount: | \$338,745.36 |

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| Component Description: | This is distilled water used for the new transmitter. |
| Amount: | \$96.36 |

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| Component Description: | Two drums of anti-freeze for new transmitter |
| Amount: | \$140.00 |

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| Component Description: | Invoice moved to correct budget category. |
| Amount: | N/A |

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| Component Description: | Absorbent |
| Amount: | \$20.31 |

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| Component Description: | Invoice moved to correct budget category. |
| Amount: | N/A |

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| Component Description: | Invoice moved to correct budget category. |
| Amount: | N/A |

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| Component Description: | Invoice moved to correct budget category. |
| Amount: | N/A |

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| Component Description: | Invoice moved to correct budget category per NMI message |
| Amount: | N/A |

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| Component Description: | ULXTED-60 Transmitter |
| Amount: | \$139,112.59 |

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| Component Description: | BrightEye 42 HD /SD/ASI Distribution Amplifier |
| Amount: | \$1,701.47 |

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| Component Description: | Invoice moved to correct budget category. |
| Amount: | N/A |

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| Component Description: | Distilled water for new transmitter |
| Amount: | \$57.80 |

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| Component Description: | Invoice moved to correct budget category per NMI message. |
| Amount: | N/A |

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| Component Description: | Invoice moved to correct budget category per NMI message. |
| Amount: | N/A |

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| | Component Description: | Invoice moved to correct budget category. |
| | Amount: | N/A |
| | Component Description: | PTFE Tape 1/2-IN X 43 FT |
| | Amount: | \$9.53 |
| | Component Description: | Invoice moved to correct budget category. |
| | Amount: | N/A |
| Additional Parts | Component Description: | Mini Circuits - 20.5 dB |
| | Amount: | \$107.34 |
| | Component Description: | Mini Circuits - 20.5 dB |
| | Amount: | \$107.34 |

Other Electrical Service: The new transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors.

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| Component Description: | Tube M Cop |
| Amount: | \$312.01 |
| Component Description: | Tube M COP HRD 1-1/2x10' |
| Amount: | \$109.14 |
| Component Description: | S/S RPHMS 10 /24X1.25 |
| Amount: | \$205.37 |
| Component Description: | Labor and Material |
| Amount: | \$30,000.00 |
| Component Description: | Hole Splice |
| Amount: | \$58.23 |
| Component Description: | Materials & Labor - Electrical Gear Package |
| Amount: | \$16,153.00 |
| Component Description: | Final Billing #4 |
| Amount: | \$23,920.00 |

Cost Information

Antennas

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|-----------------------------|---------------------|--|---------------------|---------------------------|
| Primary Antenna TUP-04 /C4SP-10 /40H-2-R | \$144,111.75 | \$415,949.00 | | \$343,630.47 | |
| Lower Power Elbow Complex | <i>\$18,506.25</i> | \$18,506.25 | DTV Pros Quote JEHQ1327-03 | \$14,804.99 | N/A |
| Lower Power Line Antenna Sweep | <i>\$6,400.00</i> | \$6,400.00 | N/A | \$5,120.00 | N/A |
| Site Survey and Coverage Mapping | <i>\$14,575.50</i> | \$14,575.50 | Please see the attached invoice from GatesAir #US0324201 | \$14,575.50 | N/A |
| Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed) | \$13,700.00 | \$20,634.00 | DTV Pros Quote JEHQ1327-03 | \$16,507.20 | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | \$5,120.00 | N/A |
| New combiner, cost per channel (without antenna) | \$84,200.00 | \$349,433.25 | Catalog cost listed as 80k per channel; GatesAir Quote Q-70240 | \$287,502.78 | N/A |

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|---|-----------------------|-----------------------|--|-----------------------|------------|
| Auxiliary Antenna TUP-04-2 /8U-1-R | \$101,880.00 | \$260,350.00 | | \$16,280.00 | |
| Elbow complex, broadband, at antenna input, per 4 1/16. feedline (if needed) | \$10,950.00 | \$13,950.00 | DTV Pros Quote JEHQ1327- 03 | \$11,160.00 | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | \$5,120.00 | N/A |
| New combiner, cost per channel (without antenna) | \$84,200.00 | \$240,000.00 | Catalog cost listed as 80k per channel | \$0.00 | N/A |
| Sub-total | \$245,991.75 | \$676,299.00 | N/A | \$359,910.47 | N/A |
| Total for all systems | \$4,139,135.47 | \$4,262,453.38 | N/A | \$3,329,755.89 | N/A |

Components

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

| | | |
|----------------------------------|-------------------------------|---|
| Lower Power Elbow Complex | Component Description: | 3" 50 Ohm Transmission Line System |
| | Amount: | \$4,626.56 |
| | Component Description: | Rigid Transmission Line - Copper T/L 3-50 234.00 MF EX CONN |
| | Amount: | \$4,626.56 |
| | Component Description: | Rigid Transmission Line Copper |
| | Amount: | \$5,551.87 |
| Lower Power Line Antenna Sweep | Component Description: | WCAX-210-Sweep test New Low Power Primary Antenna System |
| | Amount: | \$1,600.00 |
| | Component Description: | WCAX Sweep Test Lower Power New Primary Antenna |
| | Amount: | \$1,600.00 |
| | Component Description: | WCAX Sweep Test Lower Power New Primary Antenna |
| | Amount: | \$1,920.00 |
| Site Survey and Coverage Mapping | Component Description: | Field Service, TV |
| | Amount: | \$14,575.50 |

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| Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed) | Component Description: | WCAX-210-Elbow complex New Primary Antenna |
| | Amount: | \$5,158.50 |
| | Component Description: | WCAX Elbow Complex New Primary Antenna |
| | Amount: | \$6,190.20 |
| | Component Description: | WCAX Elbow Complex New Primary Antenna |
| | Amount: | \$5,158.50 |
| Sweep test of existing antenna | Component Description: | WCAX-210-Sweep test New Primary Antenna System |
| | Amount: | \$1,600.00 |
| | Component Description: | WCAX Sweep Test New Primary Antenna System |
| | Amount: | \$1,600.00 |
| | Component Description: | WCAX Sweep Test New Primary Antenna System |
| | Amount: | \$1,920.00 |

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| New combiner, cost per channel (without antenna) | <div> Component Description: WCAX-290-New Combiner New Primary Antenna System </div> <div> Amount: \$42,899.51 </div> |
| | <div> Component Description: Combiner </div> <div> Amount: \$244,603.27 </div> |
| Elbow complex, broadband, at antenna input, per 4 1/16. feedline (if needed) | <div> Component Description: WCAX-250-Elbow complex New Auxiliary Antenna </div> <div> Amount: \$3,487.50 </div> |
| | <div> Component Description: WCAX Elbow Complex New Auxiliary Antenna </div> <div> Amount: \$4,185.00 </div> |
| | <div> Component Description: WCAX Elbow Complex New Auxiliary Antenna </div> <div> Amount: \$3,487.50 </div> |

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| Sweep test of existing antenna | <div> <div> Component Description: Amount: </div> <div> WCAX-250-Sweep test New Auxiliary Antenna \$1,600.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> WCAX Sweep Test New Auxiliary Antenna \$1,920.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> WCAX Sweep Test New Auxiliary Antenna \$1,600.00 </div> </div> |
| New combiner, cost per channel (without antenna) | Information not provided. |

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 | \$57,500.00 | \$75,480.30 | | \$58,469.32 | |
| Sweep Existing Transmission Line | <i>\$3,500.00</i> | \$3,500.00 | See invoice | \$0.00 | N/A |
| Rigid Transmission Line - copper, 3 1/8" broadband | \$54,000.00 | \$71,980.30 | DTV Pros Quote JEHQ1327-03 | \$58,469.32 | N/A |
| Primary Transmission Line | \$104,400.00 | \$148,315.20 | | \$118,652.14 | |
| Rigid Transmission Line - copper, 6 1/8" broadband | \$104,400.00 | \$148,315.20 | DTV Pros Quote JEHQ1327-03 | \$118,652.14 | N/A |
| Auxiliary Transmission Line | \$81,500.00 | \$94,255.15 | | \$75,404.10 | |
| Rigid Transmission Line - copper, 4 1/16" broadband | \$81,500.00 | \$94,255.15 | DTV Pros Quote JEHQ1327-03 | \$75,404.10 | N/A |
| Sub-total | \$243,400.00 | \$318,050.65 | N/A | \$252,525.56 | N/A |
| Total for all systems | \$4,139,135.47 | \$4,262,453.38 | N/A | \$3,329,755.89 | N/A |

Components

| Actual Information | | |
|--|-------------------------------|--|
| Description | File Name | |
| Sweep Existing Transmission Line | Component Description: | Sweep test of all transmission lines |
| | Amount: | \$3,490.25 |
| Rigid Transmission Line - copper, 3 1/8" broadband | Component Description: | 1. WCAX-310- Lower power New Primary Transmission Line |
| | Amount: | \$17,995.07 |
| | Component Description: | RIGID TRANSMISSION LINE - COPPER |
| | Amount: | \$885.09 |
| | Component Description: | WCAX Lower Power New Primary Transmission Line |
| | Amount: | \$21,594.09 |
| | Component Description: | WCAX Lower Power New Primary Transmission Line |
| | Amount: | \$17,995.07 |

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|--|---|
| Rigid Transmission Line - copper, 6 1/8" broadband | <div> Component Description: WCAX-310-New Primary Transmission Line </div> <div> Amount: \$37,078.79 </div> |
| | <div> Component Description: WCAX New Primary Transmission Line </div> <div> Amount: \$37,078.79 </div> |
| | <div> Component Description: WCAX New Primary Transmission Line </div> <div> Amount: \$44,494.56 </div> |
| Rigid Transmission Line - copper, 4 1/16" broadband | <div> Component Description: WCAX-350-New Auxiliary Transmission Line </div> <div> Amount: \$23,563.78 </div> |
| | <div> Component Description: WCAX New Auxiliary Transmission Line </div> <div> Amount: \$28,276.54 </div> |
| | <div> Component Description: WCAX New Auxiliary Transmission Line </div> <div> Amount: \$23,563.78 </div> |

Cost Information

Tower Equipment and Rigging Costs

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|-----------------------------|---------------------|---|---------------------|---------------------------|
| Primary Tower MTOWER | \$655,940.00 | \$432,235.00 | | \$229,345.00 | |
| Move Equipment | <i>\$0.00</i> | \$0.00 | N/A | \$0.00 | N/A |
| Tower Helicopter Lift | <i>\$46,640.00</i> | \$46,640.00 | May require helicopter to delivery equipment and transmission line to transmitter site. | \$0.00 | N/A |
| Corrosion analysis | <i>\$1,500.00</i> | \$1,500.00 | See invoice | \$1,500.00 | N/A |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | \$421,000.00 | \$219,595.00 | see Estimated Cost Justification WCAX-410- Install antennas and lines existing tower V1 | \$219,595.00 | N/A |
| Tower structural analysis | <i>\$2,500.00</i> | \$2,500.00 | See invoice | \$2,500.00 | N/A |
| Minor tower reinforcement /modifications | \$158,000.00 | \$150,000.00 | N/A | \$0.00 | N/A |

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|--|----------------|----------------|-----|----------------|-----|
| Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study | \$26,300.00 | \$12,000.00 | N/A | \$5,750.00 | N/A |
| Sub-total | \$655,940.00 | \$432,235.00 | N/A | \$229,345.00 | N/A |
| Total for all systems | \$4,139,135.47 | \$4,262,453.38 | N/A | \$3,329,755.89 | N/A |

Components

| Actual Information Description | File Name |
|--------------------------------|---|
| Move Equipment | Information not provided. |
| Tower Helicopter Lift | Information not provided. |
| Corrosion analysis | <div> Component Description: Level 1 Corrosion Risk Analysis Amount: \$750.00 </div> <div> Component Description: Level 1 Corrosion Risk Analysis Amount: \$750.00 </div> |

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| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | Component Description: Amount: | While crew is on site \$25,180.00 |
| | Component Description: Amount: | Tower Equipment and Rigging \$135,311.25 |
| | Component Description: Amount: | Field: 4 Weather Days at rate of \$500/man per day for 7 man crew on site \$14,000.00 |
| | Component Description: Amount: | Tower Equipment and Rigging \$45,103.75 |
| Tower structural analysis | Component Description: Amount: | Engineering Evaluation \$1,250.00 |
| | Component Description: Amount: | Engineering Evaluation \$1,250.00 |
| Minor tower reinforcement /modifications | Information not provided. | |
| Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study | Component Description: Amount: | Tower Mapping \$2,875.00 |
| | Component Description: Amount: | Tower Mapping \$2,875.00 |

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 | \$216,813.44 | \$231,166.87 | | \$202,194.81 | |
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$7,000.00 | N/A | \$3,131.95 | N/A |
| Outside Professional Services - Engineering Consulting Services | <i>\$850.00</i> | \$850.00 | Please see the invoice from Chesapeake RF Consultants, LLC. Invoice #5084, | \$850.00 | N/A |
| Additional Repack Legal Services Not Otherwise Specified in Form 399 | <i>\$5,638.44</i> | \$5,638.44 | See Estimated Cost Justification WCAX-550- Attorney fees - Other attorney services V1 | \$5,484.43 | N/A |
| RF Exposure Measurements | \$21,050.00 | \$20,273.83 | see Estimated Cost Justification WCAX-580- Field Eng RF measurements v0 | \$20,273.83 | N/A |

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|---|-------------|------------|--|------------|-----|
| Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet | \$10,520.00 | \$3,480.40 | see Estimated Cost Justification WCAX-590-Environmental expert fees v1 | \$3,480.40 | N/A |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | \$3,680.00 | \$3,500.00 | N/A | \$622.50 | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application | \$2,365.00 | \$2,250.00 | N/A | \$222.00 | N/A |
| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application | \$4,210.00 | \$4,000.00 | N/A | \$0.00 | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00 | \$5,000.00 | N/A | \$1,250.00 | N/A |

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|---|--------------|--------------|--|--------------|-----|
| 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 | \$0.00 | N/A |
| Project management of the transition | \$142,200.00 | \$166,174.20 | The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time. | \$166,174.20 | N/A |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | \$1,580.00 | \$1,500.00 | N/A | \$0.00 | 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 | \$0.00 | N/A |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00 | \$3,000.00 | N/A | \$187.50 | N/A |

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|--|----------------|----------------|-----|----------------|-----|
| Address transition timing and coordination issues w/ other stations and wireless | \$2,630.00 | \$2,500.00 | N/A | \$518.00 | N/A |
| Prepare and or review reimbursement form | \$2,630.00 | \$2,500.00 | N/A | \$0.00 | N/A |
| Sub-total | \$216,813.44 | \$231,166.87 | N/A | \$202,194.81 | N/A |
| Total for all systems | \$4,139,135.47 | \$4,262,453.38 | N/A | \$3,329,755.89 | N/A |

Components

| Actual Information | |
|--|--|
| Description | File Name |
| Perform engineering study for new channel assignment and antenna development | Component Description: Supplies |
| | Amount: \$148.62 |
| | Component Description: Perform engineering study for new channel assignment |
| | Amount: \$1,500.00 |
| | Component Description: Engineering Study for New Channel Assignment |
| | Amount: \$1,283.33 |
| | Component Description: Email duTreil re issues in repacking application |
| | Amount: \$200.00 |

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| Outside Professional Services - Engineering Consulting Services | <div> Component Description: Consulting Engineer- J. Davis - Hourly (@ \$250 /hr) </div> <div> Amount: \$850.00 </div> |
| Additional Repack Legal Services Not Otherwise Specified in Form 399 | <div> Component Description: Gravel & Shea PC invoices </div> <div> Amount: \$3,660.89 </div> |
| | <div> Component Description: Gravel & Shea PC </div> <div> Amount: \$1,527.99 </div> |
| | <div> Component Description: WCAX-550- Attorney fees - Other attorney services </div> <div> Amount: \$295.55 </div> |

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| RF Exposure Measurements | <div data-bbox="710 168 1348 324"> <p>Component Description: WCAX-580-Field Eng RF measurements</p> <p>Amount: \$9,712.50</p> </div> <div data-bbox="710 436 1380 627"> <p>Component Description: Consultation on regulatory compliance at base station.</p> <p>Amount: \$2,100.00</p> </div> <div data-bbox="710 728 1364 1120"> <p>Component Description: Provide 2 RF Specialists from GTI to attend the WCAX Mt. Mansfield tower site & Perform RF measurements to identify OET 65 issues.</p> <p>Amount: \$5,223.83</p> </div> <div data-bbox="710 1220 1348 1377"> <p>Component Description: WCAX-580-Field Eng RF measurements</p> <p>Amount: \$3,237.50</p> </div> |
| Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet | <div data-bbox="710 1512 1332 1590"> <p>Component Description: Site Monitoring</p> <p>Amount: \$688.74</p> </div> <div data-bbox="710 1691 1372 1769"> <p>Component Description: Crew walk-through</p> <p>Amount: \$2,791.66</p> </div> |

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|---|--|-------------------------------|---|----------------|----------|-------------------------------|---|----------------|----------|
| <p>Attorney Fees - Prepare and File request for Special Temporary Authorization</p> | <table> <tr> <td data-bbox="710 174 1013 208">Component Description:</td><td data-bbox="1150 174 1366 324">Prepare and file WCAX-TV engineering STA extension request.</td></tr> <tr> <td data-bbox="710 338 815 371">Amount:</td><td data-bbox="1150 338 1246 371">\$415.00</td></tr> <tr> <td data-bbox="710 477 1013 510">Component Description:</td><td data-bbox="1150 477 1361 544">Total Professional Services</td></tr> <tr> <td data-bbox="710 557 815 591">Amount:</td><td data-bbox="1150 557 1246 591">\$207.50</td></tr> </table> | Component Description: | Prepare and file WCAX-TV engineering STA extension request. | Amount: | \$415.00 | Component Description: | Total Professional Services | Amount: | \$207.50 |
| Component Description: | Prepare and file WCAX-TV engineering STA extension request. | | | | | | | | |
| Amount: | \$415.00 | | | | | | | | |
| Component Description: | Total Professional Services | | | | | | | | |
| Amount: | \$207.50 | | | | | | | | |
| <p>Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application</p> | <table> <tr> <td data-bbox="710 728 1013 761">Component Description:</td><td data-bbox="1150 728 1294 795">Professional Services</td></tr> <tr> <td data-bbox="710 808 815 842">Amount:</td><td data-bbox="1150 808 1246 842">\$222.00</td></tr> </table> | Component Description: | Professional Services | Amount: | \$222.00 | | | | |
| Component Description: | Professional Services | | | | | | | | |
| Amount: | \$222.00 | | | | | | | | |
| <p>Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application</p> | <p>Information not provided.</p> | | | | | | | | |
| <p>Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application</p> | <table> <tr> <td data-bbox="710 1209 1013 1243">Component Description:</td><td data-bbox="1150 1209 1353 1359">Emails, review draft 2100, send draft to Gray. File 2100.</td></tr> <tr> <td data-bbox="710 1373 815 1406">Amount:</td><td data-bbox="1150 1373 1246 1406">\$650.00</td></tr> <tr> <td data-bbox="710 1512 1013 1545">Component Description:</td><td data-bbox="1150 1512 1361 1736">Email re: lifting of anti-collusion rule, time of FCC letter; emails re: FCC letter, next steps; Email re: WPTZ</td></tr> <tr> <td data-bbox="710 1749 815 1783">Amount:</td><td data-bbox="1150 1749 1246 1783">\$600.00</td></tr> </table> | Component Description: | Emails, review draft 2100, send draft to Gray. File 2100. | Amount: | \$650.00 | Component Description: | Email re: lifting of anti-collusion rule, time of FCC letter; emails re: FCC letter, next steps; Email re: WPTZ | Amount: | \$600.00 |
| Component Description: | Emails, review draft 2100, send draft to Gray. File 2100. | | | | | | | | |
| Amount: | \$650.00 | | | | | | | | |
| Component Description: | Email re: lifting of anti-collusion rule, time of FCC letter; emails re: FCC letter, next steps; Email re: WPTZ | | | | | | | | |
| Amount: | \$600.00 | | | | | | | | |
| <p>RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application</p> | <p>Information not provided.</p> | | | | | | | | |

Project management of the transition

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| Component Description: | Project management |
| Amount: | \$2,904.20 |

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| Component Description: | Project Mgt |
| Amount: | \$28.20 |

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| Component Description: | Project Management |
| Amount: | \$1,891.25 |

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| Component Description: | Project Management |
| Amount: | \$1,912.75 |

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| Component Description: | Project Management |
| Amount: | \$3,747.85 |

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| Component Description: | Project Management |
| Amount: | \$2,128.55 |

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| Component Description: | Project Management |
| Amount: | \$2,574.45 |

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| Component Description: | Project Management |
| Amount: | \$3,328.50 |

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| Component Description: | Project Management |
| Amount: | \$2,777.40 |

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| Component Description: | Project Management |
| Amount: | \$3,943.05 |

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| Component Description: | Project Management |
| Amount: | \$7,808.35 |

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| Component Description: | Project Management |
| Amount: | \$2,734.95 |

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| Component Description: | Project Management |
| Amount: | \$4,325.05 |

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| Component Description: | Project Management |
| Amount: | \$8,130.65 |

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| Component Description: | Project Management |
| Amount: | \$8,708.70 |

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| Component Description: | Project Management |
| Amount: | \$5,543.55 |

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| Component Description: | Project Management |
| Amount: | \$3,376.95 |

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| Component Description: | Project Management |
| Amount: | \$5,927.15 |

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| Component Description: | Project management |
| Amount: | \$700.05 |

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| Component Description: | Project Mgt |
| Amount: | \$718.30 |

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| Component Description: | Project Management |
| Amount: | \$4,870.80 |

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| Component Description: | Project Management |
| Amount: | \$4,051.70 |

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| Component Description: | Project Management |
| Amount: | \$2,442.90 |

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| Component Description: | Project Management |
| Amount: | \$8,348.25 |

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| Component Description: | Project Management |
| Amount: | \$2,624.35 |

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| Component Description: | Project Management |
| Amount: | \$4,135.15 |

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| Component Description: | Project Management |
| Amount: | \$10,885.75 |

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| Component Description: | Project management |
| Amount: | \$2,951.90 |

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| Component Description: | Project Mgt |
| Amount: | \$3,763.95 |

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| Component Description: | Transition Related Project Management Costs |
| Amount: | \$3,300.00 |

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| Component Description: | Project Management |
| Amount: | \$3,913.15 |

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| Component Description: | Project Management |
| Amount: | \$5,618.75 |

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| Component Description: | Project Management |
| Amount: | \$2,111.25 |

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| Component Description: | Project Management |
| Amount: | \$1,869.35 |

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| Component Description: | Project management |
| Amount: | \$2,330.15 |

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| Component Description: | Project Management |
| Amount: | \$2,498.65 |

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| Component Description: | Project Management |
| Amount: | \$5,251.90 |

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| Component Description: | Project management |
| Amount: | \$1,328.55 |

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| Component Description: | Project Management |
| Amount: | \$4,229.65 |

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| Component Description: | Project Mgt |
| Amount: | \$802.25 |

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| Component Description: | Project Management |
| Amount: | \$1,857.60 |

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| Component Description: | Project management |
| Amount: | \$1,582.60 |

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| Component Description: | Project Management |
| Amount: | \$2,633.45 |

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| Component Description: | Project Management |
| Amount: | \$2,158.05 |

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| Component Description: | Project Management |
| Amount: | \$2,515.60 |

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| | Component Description: Project Mgt Amount: \$2,507.30 |
| | Component Description: Project Mgt Amount: \$2,381.30 |
| 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. |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | Component Description: review engineering portions and related exhibits of "90 day" FCC CP application Amount: \$187.50 |
| Address transition timing and coordination issues w/ other stations and wireless | Component Description: Total Professional Services Amount: \$518.00 |
| Prepare and or review reimbursement form | 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 | \$277,565.06 | \$268,590.06 | | \$45,452.10 | |
| Taxes | <i>\$171,482.00</i> | \$171,482.00 | N/A | \$0.00 | N/A |
| Contractor Meals | <i>\$386.75</i> | \$386.75 | See expense reports ER006BW-WCAX, ER007BW-WCAX, ER008BW-WCAX, ER009BW-WCAX, ER004BW-WCAX, ER005BW-WCAX | \$386.75 | N/A |
| MVPD Notification of Channel Change | <i>\$2,000.00</i> | \$2,000.00 | see Estimated Cost Justification WCAX-610-MVPD Notifications v0 | \$2,000.00 | N/A |
| Develop and air announcement of upcoming channel change | <i>\$10,000.00</i> | \$10,000.00 | N/A | \$0.00 | N/A |

| | | | | | |
|--|--------------------|--------------|--|-------------|-----|
| Equipment Delivery and Handling Charges | \$31,006.31 | \$31,006.31 | see Estimated Cost Justification WCAX-610-Equipment Delivery v6 | \$31,006.30 | . |
| Disposal Costs (for equipment and other waste, net of any salvage value) | \$25,000.00 | \$25,000.00 | N/A | \$0.00 | N/A |
| BLM or NFS Coordination | \$10,000.00 | \$10,000.00 | N/A | \$0.00 | N/A |
| Non-zoning permits | \$2,500.00 | \$2,500.00 | N/A | \$0.00 | N/A |
| FCC Filing Fees - Special Temporary Authorization request | \$195.00 | \$400.00 | see Estimated Cost Justification WCAX-610-STA FCC Filing Fees v1 | \$400.00 | N/A |
| FCC Filing Fees - Form 2100 license to cover application | \$335.00 | \$325.00 | N/A | \$0.00 | N/A |
| FCC Filing Fees - Form 2100 minor change CP application | \$1,110.00 | \$0.00 | 4/22/20 Category Deemed non-reimbursable | \$0.00 | N/A |
| DTV Medical Facility Notification | \$11,550.00 | \$3,490.00 | N/A | \$0.00 | N/A |
| Equipment Storage | \$12,000.00 | \$12,000.00 | N/A | \$11,659.05 | N/A |
| Sub-total | \$277,565.06 | \$268,590.06 | N/A | \$45,452.10 | N/A |

| | | | | | |
|------------------------------|----------------|----------------|-----|----------------|-----|
| Total for all systems | \$4,139,135.47 | \$4,262,453.38 | N/A | \$3,329,755.89 | N/A |
|------------------------------|----------------|----------------|-----|----------------|-----|

Components

| Actual Information | |
|---|---|
| Description | File Name |
| Taxes | Information not provided. |
| Contractor Meals | <div> <div> Component Description: Amount: </div> <div> Contractor Meals \$83.01 </div> </div> <div> <div> Component Description: Amount: </div> <div> Contractor Meals \$65.61 </div> </div> <div> <div> Component Description: Amount: </div> <div> Contractor Meals \$46.15 </div> </div> <div> <div> Component Description: Amount: </div> <div> Contractor Meals \$61.78 </div> </div> <div> <div> Component Description: Amount: </div> <div> Contractor Meals \$48.05 </div> </div> <div> <div> Component Description: Amount: </div> <div> Contractor Meals \$82.15 </div> </div> |
| MVPD Notification of Channel Change | <div> <div> Component Description: Amount: </div> <div> Total Professional Services \$2,000.00 </div> </div> |
| Develop and air announcement of upcoming channel change | <div> <div> Component Description: Amount: </div> <div> Please deny this component N/A </div> </div> |

Equipment Delivery and
Handling Charges

| | |
|-------------------------------|--|
| Component Description: | Warehouse Receiving, 7/29 /19, Shipment from Dielectric LLC-PO H1000267628 and External inspection, KR |
| Amount: | \$3,411.50 |
| Component Description: | Forklift WHSE 5000# Gas/LP |
| Amount: | \$286.23 |
| Component Description: | Forklift WHSE 5000# GAS/LP |
| Amount: | \$1,664.39 |
| Component Description: | FORKLIFT WHSE 5000 GAS LP |
| Amount: | \$1,664.39 |
| Component Description: | Forklift Variable Reach 8000# 40- 49' |
| Amount: | \$2,985.38 |
| Component Description: | Receive and external inspection, pallets |
| Amount: | \$1,907.13 |
| Component Description: | Please deny this invoice. |
| Amount: | N/A |
| Component Description: | Equipment Delivery |
| Amount: | \$1,375.00 |

| | |
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| Component Description: | Please deny this invoice |
| Amount: | N/A |

| | |
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| Component Description: | Delivery to Top of Mt. Mansfield, 6/3 /19 |
| Amount: | \$776.99 |

| | |
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| Component Description: | Forklift WHSE 5000# GAS/LP |
| Amount: | \$1,664.39 |

| | |
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| Component Description: | Forklift Variable Reach |
| Amount: | \$1,220.29 |

| | |
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| Component Description: | Forklift Variable Reach |
| Amount: | \$2,651.10 |

| | |
|-------------------------------|------------------------------|
| Component Description: | WCAX-610- Equipment Delivery |
| Amount: | \$4,800.00 |

| | |
|-------------------------------|----------------------------|
| Component Description: | Forklift WHSE 5000# GAS/LP |
| Amount: | \$1,910.49 |

| | |
|-------------------------------|---------------------------|
| Component Description: | Moving Services, Delivery |
| Amount: | \$844.56 |

| | |
|-------------------------------|-------------------------|
| Component Description: | FORKLIFT VARIABLE REACH |
| Amount: | \$2,180.08 |

| | |
|--|---|
| | Component Description: Forklift WHSE 5000# Amount: \$1,664.38 |
| Disposal Costs (for equipment and other waste, net of any salvage value) | Information not provided. |
| BLM or NFS Coordination | Information not provided. |
| Non-zoning permits | Information not provided. |
| FCC Filing Fees - Special Temporary Authorization request | Component Description: WCAX-610-STA FCC Filing Fees Amount: \$200.00 Component Description: WCAX-610-STA FCC Filing Fees Amount: \$200.00 |
| FCC Filing Fees - Form 2100 license to cover application | Information not provided. |
| FCC Filing Fees - Form 2100 minor change CP application | Information not provided. |
| DTV Medical Facility Notification | Information not provided. |
| Equipment Storage | Component Description: Load 12 pallets out of storage for delivery Amount: \$559.05 Component Description: Provide unload and dry storage Amount: \$3,000.00 |

Component Description: "Receive and
External Inspection
of Electrical
Instruments from
Gates Air, Inc. 1/14
/19"

Amount: \$2,500.00

Component Description: Equipment in
warehouse

Amount: \$400.00

Component Description: Equipment in
warehouse

Amount: \$400.00

Component Description: Equipment in
warehouse,
storage from 1/19
/19-2/15/19 4
weeks

Amount: \$400.00

Component Description: Equipment in
warehouse

Amount: \$800.00

Component Description: Equipment in
warehouse,
storage

Amount: \$400.00

Component Description: WCAX-610-
Equipment Storage

Amount: \$400.00

| | |
|-------------------------------|--|
| Component Description: | Equipment in warehouse, Storage from 5/10/19-6/7/19 4 weeks |
| Amount: | \$400.00 |

| | |
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| Component Description: | Equipment in warehouse, storage |
| Amount: | \$400.00 |

| | |
|-------------------------------|------------------------------------|
| Component Description: | Equipment in warehouse, storage |
| Amount: | \$400.00 |

| | |
|-------------------------------|--|
| Component Description: | Equipment in warehouse, storage from 4/12/19-5/9/19 4 weeks |
| Amount: | \$400.00 |

| | |
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| Component Description: | Equipment in warehouse |
| Amount: | \$800.00 |

| | |
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| Component Description: | Tools |
| Amount: | \$464.58 |

| | |
|-------------------------------|------------------------------------|
| Component Description: | Equipment in warehouse, storage |
| Amount: | \$400.00 |

| Cost Information | Grand Total | | | |
|------------------|-----------------------|-----------------------------|----------------|----------------|
| | | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
| | | | | |
| | Total for all systems | \$4,139,135.47 | \$4,262,453.38 | \$3,329,755.89 |

| 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.

| | |
|---|--|
| <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>Robert Folliard , III . <i>Assistant Secretary</i></p> <p>02/16/2021</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.

| | |
|--|--|
| <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>Robert Folliard , III . <i>Assistant Secretary</i></p> <p>02/16/2021</p> |

Attachments