

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

| Facility ID: | 46728 | Service: DTV | Call Sign: | WCAX-TV | Channel: 20 (UHF) |
|-----------------|---------|--------------------|----------------|---------|-------------------|
| File Number: | 000002 | 28424 | - 3 | | |
| FRN: 001 | 8223693 | Date Submitted: | 04/06 /2020 | | |

Applicant Name, Type, and Contact Information Applicant Information Applicant Address Phone Email **Applicant Type GRAY TELEVISION** WCAX +1 (404) Limited Liability robert. LICENSEE, LLC PO Box 4508 504-9828 folliard@gray. Company ATLANTA, tv GA 30319 **United States**

Reimbursement Contact Name and Information Reimbursement Contact Information

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

| Preparer Contact Information | Preparer Contact | Preparer Contact Name and Information | | | |
|------------------------------------|------------------------------|--|-----------------------|------------------------------|--|
| | Applicant | Address | Phone | Email | |
| | Samuel Harington Widelity | 4031 University Dr Ste. 100 Fairfax, VA 22030 United States | +1 (339) 222- 8107 | sam.hariton@widelity. com | |

| Broadcaster | Question | Response |
|-----------------|----------|----------|
| Information and | | |
| Transition | | |
| Plan | | |

| 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 | Existing Transmitter Information | | | |
|-------------|-------------------------------------|--|--------------------------|--|
| Transmitter | 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 | | |
| | Manufacturer and Type | Model | PWR60D2 | |
| | | Year | 2006 | |
| | | Туре | Inductive Output Tube | |
| | | IOT Power Type | Тwo | |
| | | Power Capacity | 60 kW | |

Existing Transmitter Information

| Primary | New Transmitter Costs | | | |
|-------------|-----------------------|---|--|--|
| Transmitter | Section | Question | Response | |
| | New Transmitter | Use | Primary (Main) | |
| | | Change Type | Purchase New | |
| | | Is this a request for upgraded equipment? | Yes | |
| | | 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 |
| | Туре | N/A |
| | Size | N/A |
| | Other Size | N/A |
| Transmitter Building Addition/Modification or Leasehold | Does the Transmitter Building require an addition, modification, other leashold improvement? | No |
| Improvement | 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 Other Transmitter Cost Not Listed

Transmitter Information not provided.

| Interim | New Transmitter Costs | | |
|-------------|-----------------------|-----------------------------------|---|
| Transmitter | 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 | Other Transmitter Costs | | | |
|-------------|-------------------------|---------------------------------------|----------|--|
| Transmitter | 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 |
| | Туре | N/A |
| | Size | N/A |
| | Other Size | N/A |
| Transmitter Building Addition/Modification or Leasehold | Does the Transmitter Building require an addition, modification, other leashold improvement? | No |
| Improvement | 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 | Other Transmitter Cost Not Listed | |
|------------------------------|-----------------------------------|--|
| Transmitter Name Description | | Description |
| | New Interim Transformer | Transformer for the Interim Transmitter |
| | UHF Inside RF System | UHF Inside RF System including switching |

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

Existing Antenna Information

Primary

| Existing Antenna Type of change Description Antenna Use | Retune Existing Primary (Main) |
|---|---|
| Antenna Use | - |
| | (Ividiii) |
| Description of Use | N/A |
| Ownership | Owned |
| Owner | N/A |
| Site | N/A |
| Is the existing antenna shared with an station or stations? | nother Yes |
| Is the existing antenna directional? | Yes |
| Is antenna in operating condition? | Yes |
| Is antenna located on or in close proxition to an antenna farm? | imity Yes |
| Existing Antenna Class | Full Power |
| Manufacturer and Type Mounting | Top Mount |
| Antenna position in stack | Bottom |
| Polarization | Horizontal |
| Туре | 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 Adjustment to Existing Antenna

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

Primary Other Antenna Costs

Antenna

| Antenna Section | Question | Response | |
|-----------------|--------------------------------|--|---------------------------------|
| | Combiner for Shared Antenna | Do you need a Combiner for a Shared Antenna? | Yes |
| | | Туре | 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 | |
| | Lower Power Elbow Complex | 3 1/8" line feed, broadband | |
| | Lower Power Line Antenna Sweep | Antenna sweep for low power line | |
| | Site Survey and Coverage Mapping | GatesAir Site Survey and Coverage Mapping | |

Auxiliary 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 |
| | Is antenna located on or in close proximity to an antenna farm? | Yes |
| Existing Antenna | Class | Full Power |
| Manufacturer and Type | Mounting | Top Mount |
| | Antenna position in stack | Тор |
| | Polarization | Horizontal |
| | Туре | Broadband Panel |
| | Existing Antenna Description | Existing Antenna Type of change Description Antenna Use Description of Use Ownership Owner Site Is this antenna currently shared with any other stations? Is this antenna directional? Is antenna in operating condition? Is antenna located on or in close proximity to an antenna farm? Existing Antenna Manufacturer and Type Class Mounting Antenna position in stack Polarization Polarization |

| 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 Adjustment to Existing Antenna

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

Auxiliary Other Antenna Costs

| Antenna | Section | Question | Response |
|---------|--------------------------------|--|----------|
| | Combiner for Shared Antenna | Do you need a Combiner for a Shared Antenna? | Yes |
| | | Туре | New |
| | | Number of channels supported | 3 |
| | | | |

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

Auxiliary Other Antenna Cost Not Listed

Antenna Information not provided.

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

| ransmissio | 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 |
| Existing Transmission Line Manufacturer and Type | | Is this transmission currently shared with any other stations? | Yes |
| | | Is Transmission Line in operating condition? | Yes |
| | Line Manufacturer and | Manufacturer | |
| | | Туре | 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 |

Auxiliary Add Transmission Line

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

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

| Auxiliary Transmissio | New Transmission Line | | | |
|--------------------------|--------------------------------|---|--|--|
| | n Line 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 | |
| | | Туре | 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 | |

Other Transmission Line Expenses Not Listed Auxiliary Transmission to provided.

| ransmissio | n Settion | Question | Response |
|-----------------------|--|--|---------------------|
| Existing Transmission | 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 | |
| | | Туре | 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 |

Primary Existing Transmission Line

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 | | | |
|-------------|--------------------------------|---|--|--|
| Transmissio | 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 | |
| | | Туре | 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 | |

Other Transmission Line Expenses Not Listed Transmission

| Primary Transmission | Add Transmission Line | | | |
|-------------------------|--|--|---------------------|--|
| | n 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 | | |
| | | Туре | 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.

Add Transmission Line

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

| Primary | New Transmission Line | | |
|-------------|--------------------------------|---|--|
| Transmissio | n 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 |
| | | Туре | 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 | | |
|-------------|---|--|--|
| Transmissio | n Line | Description | |
| | Sweep Existing Transmission Line | Sweep test of existing transmission line | |

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

| mary | Existing | Tower |
|------|----------|-------|
| | | |

| Primary | Existing Tower | | | |
|---------|---|---|------------------------|--|
| 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 | Latitude (NAD83) | 44° 31' 32.19" N- | |
| | 1983)) | 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

WVPS FM

WEZF FM

Tower Modification Costs Primary Section Question Response **Engineering Study** Please what type of engineering study is Study needed required, if any: for undocumented /poorly documented tower **Tower Reinforcements** Please select whether tower reinforcements Minor are needed: Reinforcements needed

Tower Rigging Costs Primary

Tower

Tower

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

Primary Tower

Other Tower Expenses Not Listed

| Name |
|---------------------------|
| Tower structural analysis |
| |

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

| Outside | Section | Question | Response |
|--------------|--|--|----------------------|
| Professional | 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 Other Professional Services Expenses Not Listed

| Professional | Services Costs | 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 | Section | Question | Response |
|----------|---------------------------------|--|----------|
| Expenses | 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 Not Listed

Other Expenses

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

Transmitters

Cost Information

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 Justificatior |
|---|--------------------------------|-------------------|---|--------------|------------------------------|
| Interim Transmitter ULXTE-30 | \$907,526.21 | \$680,587.95 | | \$665,916.58 | |
| 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 |
| UHF inside RF system including switching | \$147,500.00 | \$11,518.75 | N/A | \$11,518.75 | 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 | \$0.00 | \$0.00 | Consolidated with UHF Inside RF System including switch category. | \$0.00 | N/A |
|---|----------------|----------------|---|----------------|-----|
| New Interim Transformer | \$2,798.21 | \$2,798.21 | Please see the attached GatesAir quote Q- 77168 and change order Q- 77494. | \$2,798.21 | N/A |
| Primary Transmitter ULXTED-60 | \$1,553,073.00 | \$1,495,936.14 | | \$1,435,100.98 | |
| 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 |
| UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW | \$1,473,000.00 | \$1,415,863.14 | see Estimated Cost Justification WCAX-110- New 1st Primary Transmitter v0 | \$1,364,343.23 | N/A |

| Sub-total | \$2,460,599.21 | \$2,176,524.09 | N/A | \$2,101,017.56 | N/A |
|-----------------------|----------------|----------------|-----|----------------|-----|
| Total for all systems | \$4,100,309.46 | \$4,047,381.47 | N/A | \$3,084,018.98 | N/A |

Components

| Actual Information Description | File Name | |
|--|-----------------------------------|--|
| Other Electrical Service: The new transmitter will require reconfiguration of the electrical service on site. The electrical work cost has | Component Description: | materials & installation of the electrical service |
| been estimated based on verbal guidance from local electrical contractors. | Amount: | to the interim UHF transmitter \$14,500.00 |
| | Component Description: Amount: | Labor and Material \$7,500.00 |
| | Component Description: Amount: | Labor and Material \$17,000.00 |
| | Component Description: Amount: | Labor and Material \$10,000.00 |
| | Component Description: Amount: | Labor and Material \$7,237.00 |
| | Component Description: Amount: | Labor and material \$16,055.00 |
| UHF inside RF system including switching | Component Description: | Field service, Tv ULXTE-30 |
| | Amount: | Channel Change \$11,518.75 |

| Component Description: Amount: | ULXTE-30 Transmitter \$182,400.87 |
|-----------------------------------|--|
| Component Description: Amount: | A. Transmitter \$52,409.08 |
| Component Description: Amount: | ULXTE-30 Transmitter \$344,497.67 |
| Information not provided. | |
| Component Description: Amount: | WCAX-180-New Interim Transformer \$2,798.21 |
| | Amount: Component Description: Amount: Component Description: Amount: Information not provided. Component Description: |

| Other Electrical Service: The new transmitter will require reconfiguration of the electrical service on site. The electrical work cost has | Component Description: Amount: | Tube M Cop \$312.01 |
|--|-----------------------------------|--|
| been estimated based on verbal guidance from local | Component Description: | Tube M COP |
| electrical contractors. | Amount: | HRD 1-1/2x10' \$109.14 |
| | Component Description: | S/S RPHMS 10 |
| | Amount: | /24X1.25 \$205.37 |
| | Component Description: | Labor and |
| | Amount: | Material \$30,000.00 |
| | Component Description: Amount: | Hole Splice \$58.23 |
| | Component Description: Amount: | Final Billing #4 \$23,920.00 |
| | Component Description: Amount: | Materials & Labor - Electrical Gear Package \$16,153.00 |
| UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW | | |
| | Component Description: | This is distilled water used for the new transmitter. \$96.36 |
| | | ψ00.00 |

| Component Description: Amount: | PTFE Tape 1/2-IN X 43 FT \$9.53 |
|-----------------------------------|---|
| Component Description: Amount: | BrightEye 42 HD /SD/ASI Distribution Amplifier \$1,701.47 |
| Component Description: Amount: | Distilled water for new transmitter \$57.80 |
| Component Description: Amount: | Absorbent \$20.31 |
| Component Description: Amount: | Field Service, TV \$38,413.53 |
| Component Description: Amount: | Invoice moved to correct budget category. N/A |
| Component Description: Amount: | Mini Circuits -20.5 dB \$107.34 |
| Component Description: Amount: | Transmitter \$338,745.36 |
| Component Description: Amount: | Mini Circuits - 20.5 dB \$107.34 |

| Component Description: Amount: | Invoice moved to correct budget category. N/A |
|-----------------------------------|--|
| Component Description: Amount: | Invoice moved to correct budget category. N/A |
| Component Description: Amount: | Invoice moved to correct budget category. N/A |
| Component Description: Amount: | ULXTED-60 Transmitter \$984,944.19 |
| Component Description: Amount: | Invoice moved to correct budget category. N/A |
| Component Description: Amount: | Invoice moved to correct budget category. N/A |
| Component Description: Amount: | Invoice moved to correct budget category. N/A |
| | |

Antennas

Cost Information

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

| | | | Estimated | | |
|--|--------------------------------|-------------------|--|--------------|------------------------------|
| Description | Predetermined Cost Estimate | Estimated Cost | Cost Justification | Actual Cost | Actual Cost Justification |
| Primary Antenna TUP-04 /C4SP-10 /40H-2-R | \$144,111.75 | \$415,949.00 | | \$300,730.96 | |
| 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 |
| New combiner, cost per channel (without antenna) | \$84,200.00 | \$349,433.25 | Catalog cost listed as 80k per channel; GatesAir Quote Q- 70240 | \$244,603.27 | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | \$5,120.00 | N/A |
| Lower Power Elbow Complex | \$18,506.25 | \$18,506.25 | DTV Pros Quote JEHQ1327- 03 | \$14,804.99 | N/A |
| Site Survey and Coverage Mapping | \$14,575.50 | \$14,575.50 | Please see the attached invoice from GatesAir #US0324201 | \$14,575.50 | N/A |
| Lower Power Line Antenna Sweep | \$6,400.00 | \$6,400.00 | N/A | \$5,120.00 | N/A |

| Auxiliary Antenna TUP-04-2 ⁄8U-1-R | \$101,880.00 | \$260,350.00 | | \$16,280.00 | |
|---|----------------|----------------|--|----------------|-----|
| New combiner, cost per channel (without antenna) | \$84,200.00 | \$240,000.00 | Catalog cost listed as 80k per channel | \$0.00 | N/A |
| 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 |
| Sub-total | \$245,991.75 | \$676,299.00 | N/A | \$317,010.96 | N/A |
| Total for all systems | \$4,100,309.46 | \$4,047,381.47 | N/A | \$3,084,018.98 | N/A |

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

| 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 |
| | Amount: | Primary Antenna \$5,158.50 |
| New combiner, cost per channel (without antenna) | Component Description: Amount: | Combiner \$244,603.27 |
| 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 |
| | Amount: | Antenna System \$1,920.00 |
| | Component Description: | WCAX Sweep Test New Primary Antenna System |
| | Amount: | \$1,600.00 |

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

| New combiner, cost per channel (without antenna) | Information not provided. | |
|--|-----------------------------------|--|
| Elbow complex, broadband, at antenna input, per 4 1/16. feedline (if needed) | Component Description: Amount: | WCAX-250-Elbow complex New Auxiliary Antenna \$3,487.50 |
| | Component Description: | WCAX Elbow Complex New |
| | Amount: | Auxiliary Antenna \$3,487.50 |
| | Component Description: | WCAX Elbow Complex New |
| | Amount: | Auxiliary Antenna \$4,185.00 |
| Sweep test of existing antenna | Component Description: | WCAX-250-Sweep test New Auxiliary |
| | Amount: | Antenna \$1,600.00 |
| | Component Description: | WCAX Sweep Test New Auxiliary |
| | Amount: | Antenna \$1,920.00 |
| | Component Description: | WCAX Sweep Test New Auxiliary |
| | Amount: | Antenna \$1,600.00 |

Transmission Line

Cost Information

| | | | Entimeted | | |
|---|--------------------------------|-------------------|--------------------------------------|----------------|------------------------------|
| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
| 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 |
| Primary Transmission Line | \$57,500.00 | \$75,480.30 | | \$57,584.23 | |
| Sweep Existing Transmission Line | \$3,500.00 | \$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 | \$57,584.23 | 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 | \$251,640.47 | N/A |
| Total for all systems | \$4,100,309.46 | \$4,047,381.47 | N/A | \$3,084,018.98 | N/A |

| Actual Information Description | File Name | |
|---|------------------------|--|
| Rigid Transmission Line - copper, 6 1/8" broadband | Component Description: | WCAX New Primary |
| | Amount: | Transmission Line \$44,494.56 |
| | Component Description: | WCAX-310-New Primary |
| | Amount: | Transmission Line \$37,078.79 |
| | Component Description: | WCAX New Primary Transmission Line |
| | Amount: | \$37,078.79 |
| 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 |
|--|------------------------|---|
| | Amount: | Transmission Line \$17,995.07 |
| | Component Description: | WCAX Lower Power New |
| | Amount: | Primary Transmission Line \$17,995.07 |
| | Component Description: | WCAX Lower Power New Primary |
| | Amount: | Transmission Line \$21,594.09 |
| Rigid Transmission Line - copper, 4 1/16" broadband | Component Description: | WCAX-350-New |
| | Amount: | Auxiliary Transmission Line \$23,563.78 |
| | Component Description: | WCAX New Auxiliary |
| | Amount: | Transmission Line \$23,563.78 |
| | Component Description: | WCAX New Auxiliary |
| | Amount: | Transmission Line \$28,276.54 |

Tower Equipment and Rigging Costs

Cost Information

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|--------------------------------|-------------------|--|--------------|------------------------------|
| Primary Tower MTOWER | \$655,940.00 | \$407,055.00 | | \$204,165.00 | |
| 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 |
| Minor tower reinforcement /modifications | \$158,000.00 | \$150,000.00 | N/A | \$0.00 | N/A |
| Tower structural analysis | \$2,500.00 | \$2,500.00 | See invoice | \$2,500.00 | N/A |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | \$421,000.00 | \$194,415.00 | see Estimated Cost Justification WCAX-410- Install antennas and lines existing tower V0 | \$194,415.00 | N/A |
| Corrosion analysis | \$1,500.00 | \$1,500.00 | See invoice | \$1,500.00 | N/A |

| Tower Helicopter Lift | \$46,640.00 | \$46,640.00 | May require helicopter to delivery equipment and transmission line to transmitter site. | \$0.00 | N/A |
|--------------------------|----------------|----------------|---|----------------|-----|
| Move Equipment | \$0.00 | \$0.00 | N/A | \$0.00 | N/A |
| Sub-total | \$655,940.00 | \$407,055.00 | N/A | \$204,165.00 | N/A |
| Total for all systems | \$4,100,309.46 | \$4,047,381.47 | N/A | \$3,084,018.98 | N/A |

| Actual Information Description | File Name | |
|--|-----------------------------------|---|
| 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 |
| for tower load study | Component Description: Amount: | Tower Mapping \$2,875.00 |
| Minor tower reinforcement /modifications | Information not provided. | |
| Tower structural analysis | Component Description: Amount: | Engineering Evaluation \$1,250.00 |
| | Component Description: Amount: | Engineering Evaluation \$1,250.00 |

| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | Component Description: Amount: | Tower Equipment and Rigging \$45,103.75 |
|--|-----------------------------------|--|
| | 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 |
| Corrosion analysis | Component Description: Amount: | Level 1 Corrosion Risk Analysis \$750.00 |
| | Component Description: Amount: | Level 1 Corrosion Risk Analysis \$750.00 |
| Tower Helicopter Lift | Information not provided. | |
| Move Equipment | Information not provided. | |

Outside Professional Services

Cost Information

| | | | Estimated | | |
|--|--------------------------------|-------------------|---|--------------|----------------------------|
| Description | Predetermined Cost Estimate | Estimated Cost | Cost Justification | Actual Cost | Actual Co: Justificatio |
| Outside Professional Services | \$216,813.44 | \$199,992.67 | | \$164,932.89 | |
| Outside Professional Services - Engineering Consulting Services | \$850.00 | \$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 | \$5,638.44 | \$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 |
| 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 | \$207.50 | 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 |
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$7,000.00 | N/A | \$2,983.33 | N/A |
| Address transition timing and coordination issues w/ other stations and wireless | \$2,630.00 | \$2,500.00 | N/A | \$518.00 | N/A |
| Project management of the transition | \$142,200.00 | \$135,000.00 | N/A | \$129,475.90 | N/A |
| Prepare and or review reimbursement form | \$2,630.00 | \$2,500.00 | N/A | \$0.00 | N/ <i>I</i> |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00 | \$3,000.00 | N/A | \$187.50 | N/A |

| RF Consulting | \$2,105.00 | \$2,000.00 | N/A | \$0.00 | N |
|-----------------|--------------|--------------|-----|--------------|---|
| Engineer | | | | | |
| Fees- Aux | | | | | |
| Antenna: | | | | | |
| Prepare | | | | | |
| engineering | | | | | |
| section of FCC | | | | | |
| Form 2100, | | | | | |
| Construction | | | | | |
| Permit | | | | | |
| Application | | | | | |
| Prepare | \$1,580.00 | \$1,500.00 | N/A | \$0.00 | N |
| engineering | | | | | |
| section of FCC | | | | | |
| Form 2100 | | | | | |
| (main), | | | | | |
| License to | | | | | |
| Cover | | | | | |
| Application | | | | | |
| RF Consulting | \$1,580.00 | \$1,500.00 | N/A | \$0.00 | N |
| Engineer | | | | | |
| Fees- Aux | | | | | |
| Antenna: | | | | | |
| Prepare | | | | | |
| engineering | | | | | |
| section of FCC | | | | | |
| Form 2100, | | | | | |
| License to | | | | | |
| Cover | | | | | |
| Application | | | | | |
| Attorney Fees | \$5,260.00 | \$5,000.00 | N/A | \$1,250.00 | N |
| - Prepare and | | | | | |
| File FCC Form | | | | | |
| 2100 (main), | | | | | |
| Construction | | | | | |
| Permit | | | | | |
| Application | | | | | |
| Attorney Fees - | \$2,365.00 | \$2,250.00 | N/A | \$222.00 | N |
| Prepare and | | | | | |
| File FCC Form | | | | | |
| 2100 (main), | | | | | |
| License to | | | | | |
| Cover | | | | | |
| Application | | | | | |
| Sub-total | \$216,813.44 | \$199,992.67 | N/A | \$164,932.89 | N |
| | | | | | |

| Total for all | \$4,100,309.46 | \$4,047,381.47 | N/A | \$3,084,018.98 | N/A |
|---------------|----------------|----------------|-----|----------------|-----|
| systems | | | | | |

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

| RF Exposure Measurements | | |
|---|-------------------------------|----------------------------|
| พ่อของเอาเอาเอ | Component Description: | WCAX-580-Field |
| | | Eng RF |
| | Amount: | measurements \$9,712.50 |
| | Amount: | φ9,712.50 |
| | Component Description: | Provide 2 RF |
| | | Specialists from |
| | | GTI to attend the |
| | | WCAX Mt. |
| | | Mansfield tower |
| | | site & Perform RF |
| | | measurements to |
| | | identify OET 65 |
| | Amounti | issues. |
| | Amount: | \$5,223.83 |
| | Component Description: | WCAX-580-Field |
| | | Eng RF |
| | | measurements |
| | Amount: | \$3,237.50 |
| | Component Description: | Consultation on |
| | | regulatory |
| | | compliance at base |
| | | station. |
| | Amount: | \$2,100.00 |
| Environmental | | |
| Assessment, if triggered by NEPA Section 106 review | Component Description: | Site Monitoring |
| or for certain structures | Amount: | \$688.74 |
| | Component Description: | Crew walk-through |
| | Amount: | \$2,791.66 |
| Attorney Fees - Prepare and File request for Special | | |
| Temporary Authorization | Component Description: | Total Professional |
| | | Services |
| | Amount: | \$207.50 |

| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application | Information not provided. | |
|--|-----------------------------------|---|
| Perform engineering study for new channel assignment and antenna development | Component Description: Amount: | Engineering Study for New Channel Assignment \$1,283.33 |
| | Component Description: Amount: | Email duTreil re issues in repacking application \$200.00 |
| | Component Description: Amount: | Perform engineering study for new channel assignment \$1,500.00 |
| Address transition timing and coordination issues w/ other stations and wireless | Component Description: Amount: | Total Professional Services \$518.00 |
| Project management of the transition | Component Description: Amount: | Project Mgt \$28.20 |
| | Component Description: Amount: | Project Management \$5,251.90 |
| | Component Description: Amount: | Project Management \$7,808.35 |

| Component Description: Amount: | Project Management \$8,348.25 |
|-----------------------------------|-------------------------------------|
| Component Description: Amount: | Project Management \$2,734.95 |
| Component Description: Amount: | Project Management \$4,325.05 |
| Component Description: Amount: | Project Management \$8,130.65 |
| Component Description: Amount: | Project Management \$5,543.55 |
| Component Description: Amount: | Project Management \$3,376.95 |
| Component Description: Amount: | Project Management \$2,633.45 |
| Component Description: Amount: | Project Management \$5,927.15 |
| Component Description: Amount: | Project Management \$5,618.75 |

| Component Description: Amount: | Project Management \$10,885.75 |
|-----------------------------------|---|
| Component Description: Amount: | Project Management \$4,229.65 |
| Component Description: Amount: | Project Management \$2,442.90 |
| Component Description: Amount: | Transition Related Project Management Costs \$3,300.00 |
| Component Description: Amount: | Project Management \$2,498.65 |
| Component Description: Amount: | Project Mgt \$802.25 |
| Component Description: Amount: | Project Management \$1,912.75 |
| Component Description: Amount: | Project Management \$2,515.60 |
| Component Description: Amount: | Project Management \$2,111.25 |

| Component Description: Amount: | Project Management \$2,128.55 |
|-----------------------------------|-------------------------------------|
| Component Description: Amount: | Project Mgt \$2,507.30 |
| Component Description: Amount: | Project Management \$3,913.15 |
| Component Description: Amount: | Project Mgt \$2,381.30 |
| Component Description: Amount: | Project Management \$2,574.45 |
| Component Description: Amount: | Project Mgt \$718.30 |
| Component Description: Amount: | Project Management \$2,624.35 |
| Component Description: Amount: | Project Management \$4,051.70 |
| Component Description: Amount: | Project Management \$1,869.35 |

| | Component Description: Amount: | Project Management \$1,857.60 |
|---|-----------------------------------|--|
| | Component Description: Amount: | Project management \$1,328.55 |
| | Component Description: Amount: | Project management \$2,330.15 |
| | Component Description: Amount: | Project Management \$2,158.05 |
| | Component Description: Amount: | Project management \$2,951.90 |
| | Component Description: Amount: | Project Management \$1,891.25 |
| | Component Description: Amount: | Project Mgt \$3,763.95 |
| Prepare and or review reimbursement form | 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 |
| | Amount: | application \$187.50 |

| Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application | | |
|---|---------------------------|--|
| 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, License to Cover Application | Information not provided. | |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | 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 |
| Attorney Fees -Prepare and File FCC Form 2100 | Component Description: | Professional |
| (main), License to Cover | | Services |
| Application | Amount: | \$222.00 |

Other Expenses

Cost Information

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|--------------------------------|-------------------|--|-------------|------------------------------|
| Other Expenses | \$277,565.06 | \$269,460.06 | | \$45,252.10 | |
| Taxes | \$171,482.00 | \$171,482.00 | N/A | \$0.00 | N/A |
| Contractor Meals | \$386.75 | \$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 | \$2,000.00 | \$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 | \$10,000.00 | \$10,000.00 | N/A | \$0.00 | N/A |
| Equipment Storage | \$12,000.00 | \$12,000.00 | N/A | \$11,659.05 | 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 | |
|---|----------------|----------------|--|----------------|-----|
| FCC Filing Fees - Special Temporary Authorization request | \$195.00 | \$200.00 | see Estimated Cost Justification WCAX-610- STA FCC Filing Fees v0 | \$200.00 | N/A |
| FCC Filing Fees - Form 2100 minor change CP application | \$1,110.00 | \$1,070.00 | N/A | \$0.00 | N/A |
| 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 - Form 2100 license to cover application | \$335.00 | \$325.00 | N/A | \$0.00 | N/A |
| DTV Medical Facility Notification | \$11,550.00 | \$3,490.00 | N/A | \$0.00 | N/A |
| Sub-total | \$277,565.06 | \$269,460.06 | N/A | \$45,252.10 | N/A |
| Total for all | \$4,100,309.46 | \$4,047,381.47 | N/A | \$3,084,018.98 | N/A |

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

| Component Description: Amount: | Load 12 pallets out of storage for delivery \$559.05 |
|-----------------------------------|--|
| Component Description: Amount: | WCAX-610- Equipment Storage \$400.00 |
| Component Description: Amount: | Equipment in warehouse \$800.00 |
| Component Description: Amount: | "Receive and External Inspection of Electrical Instruments from Gates Air, Inc. 1/14 /19" \$2,500.00 |
| Component Description: Amount: | Equipment in warehouse \$400.00 |
| Component Description: Amount: | Equipment in warehouse \$400.00 |
| Component Description: Amount: | Provide unload and dry storage \$3,000.00 |
| Component Description: Amount: | Equipment in warehouse, Storage from 5/10 /19-6/7/19 4 weeks \$400.00 |

| Component Description: Amount: | Equipment in warehouse, storage from 4/12 /19-5/9/19 4 weeks \$400.00 |
|-----------------------------------|---|
| Component Description: Amount: | Tools \$464.58 |
| Component Description: | Equipment in warehouse, storage from 1/19 /19-2/15/19 4 weeks |
| Amount: | \$400.00 |
| Component Description: | Equipment in warehouse, storage |
| Amount: | \$400.00 |
| Component Description: Amount: | Equipment in warehouse, storage \$400.00 |
| | |
| Component Description: Amount: | Equipment in warehouse \$800.00 |
| Component Description: | Equipment in warehouse, storage |
| Amount: | \$400.00 |

| | Component Description: Amount: | Equipment in warehouse, storage \$400.00 |
|---|-----------------------------------|---|
| Equipment Delivery and Handling Charges | Component Description: Amount: | Delivery to Top of Mt. Mansfield, 6/3 /19 \$776.99 |
| | Component Description: | FORKLIFT VARIABLE REACH \$2,180.08 |
| | Component Description: | Warehouse Receiving, 7/29 /19, Shipment from Dielectric LLC-PO |
| | Amount: | H1000267628 and External inspection, KR \$3,411.50 |
| | Component Description: Amount: | Forklift WHSE 5000# Gas/LP \$286.23 |
| | Component Description: Amount: | Forklift WHSE 5000# GAS/LP \$1,664.39 |
| | Component Description: Amount: | FORKLIFT WHSE 5000 GAS LP \$1,664.39 |

| Component Description: Amount: | Forklift Variable Reach 8000# 40- 49' \$2,985.38 |
|-----------------------------------|--|
| Component Description: Amount: | Receive and external inspection, pallets \$1,907.13 |
| Component Description: Amount: | Equipment Delivery \$1,375.00 |
| Component Description: Amount: | Forklift Variable Reach \$1,220.29 |
| Component Description: Amount: | Forklift Variable Reach \$2,651.10 |
| Component Description: Amount: | Forklift WHSE 5000# GAS/LP \$1,664.39 |
| Component Description: Amount: | WCAX-610- Equipment Delivery \$4,800.00 |
| Component Description: Amount: | Forklift WHSE 5000# \$1,664.38 |
| Component Description: Amount: | Please deny this invoice N/A |

| | Component Description: Amount: | Please deny this invoice. N/A |
|--|-----------------------------------|---|
| | Component Description: Amount: | Moving Services, Delivery \$844.56 |
| | Component Description: Amount: | Forklift WHSE 5000# GAS/LP \$1,910.49 |
| FCC Filing Fees - Special Temporary Authorization request | Component Description: Amount: | WCAX-610-STA FCC Filing Fees \$200.00 |
| FCC Filing Fees - Form 2100 minor change CP application | Information not provided. | |
| 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 - Form 2100 license to cover application | Information not provided. | |
| DTV Medical Facility Notification | Information not provided. | |

| Cost Information | Grand Total | | | | |
|---------------------|-----------------------|--------------------------------|----------------|----------------|--|
| | | Predetermined Cost Estimate | Estimated Cost | Actual Cost | |
| | Total for all systems | \$4,100,309.46 | \$4,047,381.47 | \$3,084,018.98 | |

| Reimbursem | entestiatus | 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 | 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. | |
| | | 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).
- 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 Assistant Secretary 04/06/2020 |

| Certification | Section | Question | Response |
|---------------|--|--|----------|
| | Submission of Actual Cost Documentation Statements | WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISIONMENT (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). | |
| | | 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. | |
| an aut nameo | are, under penalty of perjury, that I am horized representative of the above- d applicant for the Authorization(s) ed above. | Robert Folliard , III Assistant Secretary 04/06/2020 |

Attachments

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