



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **4685** | Service: **DTV** | Call **WTAP-TV** | Channel: **35 (UHF)** |
ID: | Sign:
File **0000028742**
Number:
FRN: **0018223693** | Date **09/12**
Submitted: **/2019**

Applicant Information

Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|--|--|----------------------|---------------------------------|---------------------------------|
| GRAY TELEVISION LICENSEE, LLC | WTAP-TV ONE TELEVISION PLAZA PARKERSBURG, WV 26101 United States | +1 (304) 485-4588 | robert. folliard@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 |
|--|---|-------------------|------------------------|
| Samuel Hariton <i>Widely</i> | Samuel Hariton 4031 University Dr Suite 100 Fairfax, VA 22030 United States | +1 (339) 222-8107 | sam.hariton@widely.com |

**Broadcaster
Information
and
Transition
Plan**

| Question | Response |
|--|---|
| Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information. | Yes |
| Briefly describe transition plan | The facility will be replacing the existing main transmitter, antenna, and transmission line and building an interim tower for the new interim transmitter, antenna, and transmission line. |

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 | CD3100P1 |
| | Year | 2001 |
| | Type | Inductive Output Tube |
| | IOT Power Type | Single |
| | Power Capacity | 30 kW |

Primary Transmitter

New Transmitter Costs

| Section | Question | Response |
|-----------------|---|--------------------------------|
| New Transmitter | Use | Primary (Main) |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | Yes |
| | Manufacturer | |
| | Model | ULXTE-50 |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 31.7 kW |
| | Justification for New Transmitter | Transmitter cannot be retuned. |

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 |
|----------------------------------|--|
| Generator Relocation | Relocation of existing generator system to facilitate reconfiguration of transmitter building. |
| Transmitter building work | Necessary building work for new mask filter. |

| | |
|------------------------------|--|
| Remote Control System | Remote control system for new transmitter. |
|------------------------------|--|

**Interim
Transmitter**

New Transmitter Costs

| Section | Question | Response |
|-----------------|-----------------------------------|--|
| New Transmitter | Use | Interim |
| | Description of Use | N/A |
| | Change Type | Purchase |
| | Manufacturer | |
| | Model | ULXTE-60 |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 31.7 kW |
| | Justification for New Transmitter | Interim transmitter needed to continue broadcasting through transition period. |

**Interim
Transmitter**

Other Transmitter Costs

| Section | Question | Response |
|--------------------|---------------------------------------|----------|
| Electrical Service | Service Entrance (3 phases 800A 208V) | No |
| | Switchgear (industrial 800 amp) | No |
| | Transformer (480V) | Yes |
| | Power | 300 kVA |
| | 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? | No |

**Interim
Transmitter**

Other Transmitter Cost Not Listed

| Name | Description |
|-----------------------|---|
| Remote Control System | Remote control system for 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 | Purchase New |
| | Antenna Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is the existing antenna shared with another station or stations? | No |
| | Is the existing antenna directional? | No |
| | Is antenna in operating condition? | Yes |
| | Is antenna located on or in close proximity to an antenna farm? | No |
| Existing Antenna Manufacturer and Type | Class | Full Power |
| | Mounting | Side Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Elliptical |
| | Type | Slotted Coaxial |
| | Number of Stations Supported | N/A |
| | Number of Panels | N/A |
| | Design power capacity in use | N/A |
| | Lower Limit | N/A |
| | Upper Limit | N/A |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 315.0 kW |
| | | |

| | |
|--------------|------------------------------|
| Manufacturer | |
| Model | ATW20H3- ESO-49 TRASAR |
| Year | 2011 |

Primary
Antenna

New Antenna Costs

| Section | Question | Response |
|------------------------------------|--|-----------------|
| New Antenna Description | Use | Primary (Main) |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Ownership | Owned |
| | Owner | N/A |
| | Is antenna shared? | No |
| | Is antenna directional? | No |
| | Will antenna be located on or in close proximity to an antenna farm? | No |
| New Antenna Manufacturer and Types | Class | Full Power |
| | Mounting | Side Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Elliptical |
| | Type | Slotted Coaxial |
| | Number of Stations Supported | N/A |
| | Number of Panels/Bays | N/A |
| | Lower Limit | N/A |
| | Upper Limit | N/A |
| | Design power capacity in use | N/A |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 242.0 kW |
| | Manufacturer | |
| | | |

| | |
|-------------------------------|-------------------------------------|
| Model | TFU-18JSC /VP-R-04 |
| Year | 2020 |
| Justification for New Antenna | Existing antenna cannot be retuned. |

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 | 4 |
| | Frequencies of channels supported | Upper and lower frequency |
| | Frequency | 506.0 MHz - 602.0 MHz |
| | Do you need a combiner output splitter /switcher for dual feed lines? | No |
| Elbow Complex | Do you require the separate purchase of the Elbow Complex? | Yes |
| | Broadband or Single Channel? | Single Channel |
| | Feed Line Size | 6 1/8 inches inches |
| Side Mount Brackets | Do you require the separate purchase of side mount brackets for a high power antenna? | Yes |
| Pattern Scatter Analysis | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | No |

| | | |
|-------------------|--|-----|
| Sweep Test | Do you require the sweep testing of transmission line and antenna? | Yes |
|-------------------|--|-----|

**Primary
Antenna**

Other Antenna Cost Not Listed

Information not provided.

**Interim
Antenna**

New Antenna Costs

| Section | Question | Response |
|--|--|--------------------|
| New Antenna Description | Use | Interim |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Ownership | Owned |
| | Owner | N/A |
| | Is antenna shared? | No |
| | Is antenna directional? | No |
| | Will antenna be located on or in close proximity to an antenna farm? | No |
| New Antenna Manufacturer and Type | Class | Full Power |
| | Mounting | Side Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Elliptical |
| | Type | Broadband Panel |
| | Number of Stations Supported | 1 |
| | Number of Panels/Bays | 16 |
| | Lower Limit | 596.00 MHz |
| | Upper Limit | 686.00 MHz |
| | Design power capacity in use | 100.0 % |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 330.0 kW |
| | Manufacturer | |
| | Model | SBB- 16C170 |
| | Year | 2017 |

| | | |
|--|-------------------------------|--|
| | Justification for New Antenna | So that the station may operate on either channel during the transition. |
|--|-------------------------------|--|

**Interim
Antenna**

Other Antenna Costs

| Section | Question | Response |
|---------------------------------|---|---------------|
| Elbow Complex | Do you require the separate purchase of the Elbow Complex? | Yes |
| | Broadband or Single Channel? | B |
| | Feed Line Size | 4 1/16 inches |
| Side Mount Brackets | Do you require the separate purchase of side mount brackets for an antenna? | Yes |
| Pattern Scatter Analysis | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | No |
| Sweep Test | Do you require the sweep testing of transmission line and antenna? | Yes |

**Interim
Antenna**

Other Antenna Cost Not Listed

Information not provided.

Transmission Line

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

Primary
Transmission Line

Existing Transmission Line

| Section | Question | Response |
|---|--|------------------|
| Existing Transmission Line Description | Type of change | Purchase New |
| | Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is the existing transmission line shared with another station or stations? | No |
| | 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 | 19 3/4 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 528 feet per run |

Primary **New Transmission Line**
Transmission Line

| Section | Question | Response |
|------------------------------------|---|---|
| New Transmission Line Costs | Use | Primary (Main) |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Type | Rigid |
| | Diameter | 6 1/8 inches |
| | Other Diameter | N/A |
| | Segment Length | 20 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 620 feet per run |
| | Justification for New Transmission Line | Segment lengths do not match up with the new channel. |

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

Information not provided.

Interim **New Transmission Line**
Transmission Line

| Section | Question | Response |
|------------------------------------|---|--|
| New Transmission Line Costs | Use | Interim |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Type | Rigid |
| | Diameter | 4 1/16 inches |
| | Segment Length | Broadband |
| | Other Segment Length | |
| | Number of parallel runs | 1 |
| | Length | 300 feet per run |
| | Justification for New Transmission Line | Interim transmission line needed so that the station may continue broadcasting during the transition period. |

Interim **Other Transmission Line Expenses Not Listed**
Transmission Line

Information not provided.

Tower Equipment And Rigging Costs

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

Primary Tower

Existing Tower

| Section | Question | Response |
|---|---|-------------------|
| Existing Tower Description | Type of change | Modify Existing |
| | Tower Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Is this tower consider Complex? | No |
| | Is this tower currently shared with any other stations? | Yes |
| | One or more FM, AM or TV radio broadcaster(s) | No |
| | Others Types of Users | Yes |
| | Is tower documented for structural analysis? | Yes |
| | Is tower compliant with Rev G? | Yes |
| Existing Tower Structure Registration | Do you have a tower registration number? | Yes |
| | ASR Number | 1239800 |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 39° 20' 59.8" N- |
| | Longitude (NAD83) | 081° 33' 55.4" W- |
| | Overall Structure Height | 462.92 feet |
| | Support Structure Height | 459.97 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 970.13 feet |

| | |
|------------------|--|
| Structure Type | TOWER - Free Standing or Guyed Structure |
| Tower Owner | Gray Television Group, Inc. |
| Date Constructed | 11/21/2003 |

Other Types of Users

| Users |
|-----------------|
| Coast Guard |
| Ohio Marc |
| T-Mobile |
| WA CO Sheriff |
| WIYE-LD 130392 |
| WOVA-LD 125125 |
| Warren Vol Fire |
| Wood Co Sherrif |
| Wood EMG |

Primary Tower

Tower Modification Costs

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

**Primary
Tower**

Tower Rigging Costs

| Section | Question | Response |
|------------------------------|-----------------------------------|----------|
| Tower Rigging Costs | Complex Tower | N/A |
| Helicopter Services Required | Are helicopter services required? | No |

**Primary
Tower**

Other Tower Expenses Not Listed

| Name | Description |
|------------------------|--|
| Anode Grounding System | Anode grounding system based upon corrosion testing |
| Replace Main Antenna | Remove existing main antenna and install new main antenna. |
| Move Equipment | Remove and install existing main and aux equipment |
| Level II corrosion | Level II corrosion testing |

**Interim
Tower****Tower Construction Costs**

| Section | Question | Response |
|----------------------------|-----------------------------|--|
| Construct New Tower | Use | Interim |
| | Description of Use | N/A |
| | Height | 240.00 feet |
| | Justification for New Tower | Existing tower cannot take the weight of any more equipment. |

**Interim
Tower****Tower Rigging Costs**

| Section | Question | Response |
|-------------------------------------|-----------------------------------|----------|
| Tower Rigging Costs | Complex Tower | N/A |
| Helicopter Services Required | Are helicopter services required? | No |

**Interim
Tower****Other Tower Expenses Not Listed**

| Name | Description |
|-------------------------------------|--|
| Interim Antenna Installation | Installation of interim antenna and associated transmission line |
| Ice Bridge | Additional ice bridge for heat exchangers. 15'x20' |

**Outside
Professional Services Costs**

| Section | Question | Response |
|---|--|--|
| Outside Project Management Services | Do you require outside project management services? | Yes |
| | Number of Hours | 900 |
| | Explanation | Strategic Support and antenna RF consultant for selection of feed line antennas. |
| Outside RF consulting Engineering Services | Perform engineering study for new channel assignment and antenna development | Yes |
| | Prepare engineering section of Form FCC Construction Permit Application | Yes |
| | For Auxiliary Facility | No |
| | For Main Facility | Yes |
| | Prepare engineering section of Form FCC License to Cover Application | Yes |
| | For Auxiliary Facility | No |
| | For Main Facility | Yes |
| | Prepare request for Special Temporary Authority | Yes |
| | Quantity | 2 |
| | Do you have Distributed Transmission System engineering services? | N/A |
| | Critical Facility | N/A |
| | Terrain-Shielded Facility | N/A |
| Attorney and Other Outside Consulting Services | Prepare and file Form FCC Construction Permit Application | Yes |
| | For Auxiliary Facility | No |
| | For Main Facility | Yes |

| | | |
|--------------------------------------|--|-----|
| | Prepare and file Form FCC License to Cover Application | Yes |
| | For Auxiliary Facility | No |
| | For Main Facility | Yes |
| | Prepare request for Special Temporary Authority | Yes |
| | Quantity | 2 |
| | NEPA Section 106 environmental review | Yes |
| | Environmental Assessment | Yes |
| | ASR Modification | Yes |
| | FAA Consultation (including preparation of FAA Form 7460) | Yes |
| | Negotiation of Lease and other Matter for Shared Locations | No |
| | Prepare or Review FCC Form 399 for Reimbursement | Yes |
| | Address transition timing and coordination issues w/ other stations and wireless providers | Yes |
| RF Field Engineering Services | Comprehensive coverage verification via field study | No |
| | RF exposure measurements | No |
| | Additional Field Engineering Service | No |
| | Number of Days | N/A |
| | Justification | N/A |

Outside Other Professional Services Expenses Not Listed
Professional Services Costs Services not provided.

Other Expenses

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

**Other
Expenses**

Other Expenses Not Listed

| Name | Description |
|---------|--|
| Fencing | Erect fence extension around relocated generator |

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-60 | \$2,736,094.56 | \$1,953,440.19 | | \$1,044,955.44 | |
| Transformer 3 phase/480v - 300 KVA | \$36,800.00 | \$3,166.60 | Remainder of the transformer plus tax supported by GatesAir Quote Q-77381 | \$3,166.60 | N/A |
| Remote Control System | <i>\$9,006.86</i> | \$9,006.86 | N/A | N/A | N/A |
| UHF - Liquid Cooled Solid State Transmitter 31.7 kW | <i>\$1,215,287.70</i> | \$1,215,287.70 | GatesAir Quote Q-80474 | \$317,809.81 | 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. | <i>\$2,000.00</i> | \$2,000.00 | N/A | N/A | N/A |

| | | | | | |
|---|-----------------------|-----------------------|---|-----------------------|-----|
| UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW | \$1,473,000.00 | \$723,979.03 | ***System Notice: Estimate adjusted and locked because line has been superseded. *** | \$723,979.03 | N/A |
| Primary Transmitter ULXTE-50 | \$1,197,181.52 | \$1,197,181.52 | | \$705,379.90 | |
| 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. | \$287,500.00 | \$287,500.00 | N/A | \$99,022.47 | N/A |
| Generator Relocation | \$14,700.00 | \$14,700.00 | N/A | N/A | N/A |
| Transmitter building work | \$15,900.00 | \$15,900.00 | N/A | N/A | N/A |
| Remote Control System | \$9,046.86 | \$9,046.86 | N/A | N/A | N/A |
| UHF - Liquid Cooled Solid State Transmitter 31.7 kW | \$870,034.66 | \$870,034.66 | GA-0002297r2 | \$606,357.43 | N/A |
| Sub-total | \$3,933,276.08 | \$3,150,621.71 | N/A | \$1,750,335.34 | N/A |

| | | | | | |
|------------------------------|----------------|----------------|-----|----------------|-----|
| Total for all systems | \$6,989,893.43 | \$5,862,254.57 | N/A | \$2,291,418.05 | N/A |
|------------------------------|----------------|----------------|-----|----------------|-----|

Components

| Actual Information | |
|---|---|
| Description | File Name |
| Transformer 3 phase/480v - 300 KVA | <p>Component Description: WTAP-180-Transformer - Interim Transmitter</p> <p>Amount: \$3,166.60</p> |
| Remote Control System | Information not provided. |
| UHF - Liquid Cooled Solid State Transmitter 31.7 kW | <p>Component Description: A. Transmitter</p> <p>Amount: \$317,609.25</p> <p>Component Description: WTAP-180-Interim Transmitter</p> <p>Amount: \$200.56</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. | Information not provided. |
| UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW | <p>Component Description: ULXTE-60 Transmitter</p> <p>Amount: \$723,979.03</p> |

| | | |
|--|--|---|
| <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>Provide 277/490V SVC to Customer</p> <p>\$9,108.04</p> |
| | <p>Component Description:</p> <p>Amount:</p> | <p>CH 600 Volt 800 Amp Service Entrance Rated Fused</p> <p>\$37,791.44</p> |
| | <p>Component Description:</p> <p>Amount:</p> | <p>Eaton Cutler Hammer 225 Amp 3 120/208 42</p> <p>\$4,764.36</p> |
| | <p>Component Description:</p> <p>Amount:</p> | <p>4" PVC Conduit</p> <p>\$17,956.63</p> |
| | <p>Component Description:</p> <p>Amount:</p> | <p>TRANSFER SWITCH A59</p> <p>\$13,049.11</p> |
| | <p>Component Description:</p> <p>Amount:</p> | <p>WTAP-110- Electrical service New 1st Primary Transmitter</p> <p>\$300.84</p> |
| | <p>Component Description:</p> <p>Amount:</p> | <p>.5 EMT Conduit</p> <p>\$16,052.05</p> |
| | | |
| Generator Relocation | Information not provided. | |
| Transmitter building work | Information not provided. | |
| Remote Control System | Information not provided. | |

UHF - Liquid Cooled Solid
State Transmitter 31.7 kW

Component Description:

WTAP-110-New
1st Primary
Transmitter
\$300.84

Amount:

Component Description:

ULXTE-50
Transmitter
\$606,056.59

Amount:

**Cost
Information**

Antennas

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|--------------------------------|---------------------|--------------------------------------|--------------------|------------------------------|
| Interim Antenna SBB- 16C170 | \$267,830.00 | \$152,730.40 | | \$56,536.40 | |
| UHF - Lower Power Side Mount, One station antenna -- 200-500 kW, elliptically or circularly polarized | \$227,000.00 | \$113,742.40 | See attached Quote | \$53,016.40 | N/A |
| Side mount brackets for high power antennas (if not included in antenna base cost) | \$23,150.00 | \$22,000.00 | N/A | N/A | N/A |
| Elbow complex, broadband, at antenna input, per 4 1/16. feedline (if needed) | \$10,950.00 | \$10,588.00 | Includes state and local taxes | N/A | N/A |

| | | | | | |
|---|---------------------|---------------------|--------------------|---------------------|-----|
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | \$3,520.00 | N/A |
| Primary Antenna TFU-18JSC /VP-R-04 | \$353,380.00 | \$291,257.09 | | \$153,350.40 | |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed) | \$12,300.00 | \$12,768.00 | JEHQ1288-03 | \$10,214.40 | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | \$5,120.00 | N/A |
| UHF - Lower Power Side Mount, One station antenna -- 200-500 kW, elliptically or circularly polarized | \$227,000.00 | \$187,520.00 | See attached Quote | \$124,000.00 | N/A |
| New combiner, cost per channel (without antenna) | \$84,200.00 | \$67,049.09 | N/A | N/A | N/A |

| | | | | | |
|--|----------------|----------------|-----|----------------|-----|
| Side mount brackets for high power antennas (if not included in antenna base cost) | \$23,150.00 | \$17,520.00 | N/A | \$14,016.00 | N/A |
| Sub-total | \$621,210.00 | \$443,987.49 | N/A | \$209,886.80 | N/A |
| Total for all systems | \$6,989,893.43 | \$5,862,254.57 | N/A | \$2,291,418.05 | N/A |

Components

| Actual Information | |
|---|--|
| Description | File Name |
| UHF - Lower Power Side Mount, One station antenna -- 200-500 kW, elliptically or circularly polarized | Component Description: |
| | Rigging and offloading of RFS Interim antenna |
| | Amount: |
| | \$200.56 |
| | Component Description: |
| | UHF - Broadband panel, side mount Aux/Interim SBB-16C170 16 Bay Broadband UHF Side Mount Antenna |
| | Amount: |
| | \$24,007.20 |
| | Component Description: |
| | UHF - Broadband Panel, Side Mount Aux /Interim, Sweep - Repack, incl. Field Engineer |
| | Amount: |
| | \$28,808.64 |

| | | |
|--|---|--|
| Side mount brackets for high power antennas (if not included in antenna base cost) | Information not provided. | |
| Elbow complex, broadband, at antenna input, per 4 1/16. feedline (if needed) | Information not provided. | |
| Sweep test of existing antenna | Component Description: Amount: | Sweep \$1,600.00 |
| | Component Description: Amount: | Repack Sweep \$1,920.00 |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed) | Component Description: Amount: | WTAP-210-Elbow complex New Primary Antenna \$3,192.00 |
| | Component Description: Amount: | WTAP-210-Elbow complex New Primary Antenna \$3,830.40 |
| | Component Description: Amount: | WTAP-210-Elbow complex New Primary Antenna \$3,192.00 |

| | |
|---|---|
| Sweep test of existing antenna | <div> <div> Component Description: Amount: </div> <div> WTAP-210-Sweep test New Primary Antenna \$1,600.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> Sweep test New Primary Antenna \$1,920.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> WTAP-210-Sweep test New Primary Antenna \$1,600.00 </div> </div> |
| UHF - Lower Power Side Mount, One station antenna -- 200-500 kW, elliptically or circularly polarized | <div> <div> Component Description: Amount: </div> <div> UHF - HIGH POWER SIDE MOUNT \$38,750.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> New Primary Antenna \$46,500.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> UHF - High Power Side Mount TV Ant TFU 18JSC/VP-R-04 WTAP \$38,750.00 </div> </div> |
| New combiner, cost per channel (without antenna) | Information not provided. |

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

| | |
|-------------------------------|---|
| Component Description: | WTAP-210-Side mount brackets New Primary Antenna |
| Amount: | \$4,380.00 |

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|-------------------------------|---|
| Component Description: | Side mount brackets New Primary Antenna |
| Amount: | \$5,256.00 |

| | |
|-------------------------------|---|
| Component Description: | WTAP-210-Side mount brackets New Primary Antenna |
| Amount: | \$4,380.00 |

Cost
Information

Transmission Line

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|-----------------------------|----------------|--|----------------|---------------------------|
| Interim Transmission Line | \$48,900.00 | \$47,335.55 | | \$4,552.38 | |
| Rigid Transmission Line - copper, 4 1/16" broadband | \$48,900.00 | \$47,335.55 | JEHQ1307 | \$4,552.38 | N/A |
| Primary Transmission Line | \$125,240.00 | \$144,625.25 | | \$126,747.20 | |
| Rigid Transmission Line - copper, 6 1/8" | \$125,240.00 | \$144,625.25 | see Estimated Cost Justification WTAP-310-New Primary Transmission Line v0 | \$126,747.20 | N/A |
| Sub-total | \$174,140.00 | \$191,960.80 | N/A | \$131,299.58 | N/A |
| Total for all systems | \$6,989,893.43 | \$5,862,254.57 | N/A | \$2,291,418.05 | N/A |

Components

| Actual Information | |
|---|--|
| Description | File Name |
| Rigid Transmission Line - copper, 4 1/16" broadband | <div>Component Description: WTAP-380-Interim Transmission Line</div> <div>Amount: \$4,552.38</div> |

Rigid Transmission Line -
copper, 6 1/8"

Component Description: WTAP-310-New
Primary
Transmission Line
Amount: \$3,344.24

Component Description: WTAP-310-New
Primary
Transmission Line
Amount: \$23,412.99

Component Description: WTAP-310-New
Primary
Transmission Line
Amount: \$200.56

Component Description: New Primary
Transmission Line
Amount: \$28,095.62

Component Description: 0018596501 6-50
TO 4-50 Reducer
Amount: \$18,105.30

Component Description: WTAP-310-New
Primary
Transmission Line
Amount: \$23,412.99

Component Description: Rigid
Transmission Line
- Copper, Elbow,
Dehydrator, etc.
Amount: \$30,175.50

Cost
Information

Tower Equipment and Rigging Costs

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|-----------------------------|----------------|---|-------------|---------------------------|
| Primary Tower TOWER | \$1,435,228.00 | \$1,262,140.46 | | \$86,541.80 | |
| Anode Grounding System | <i>\$15,000.00</i> | \$15,000.00 | See vendor invoice | \$11,205.00 | N/A |
| Structural engineering tower load study for well documented tower | \$12,600.00 | \$36,383.05 | Per Estimated Cost Justification WTAP-410-Structural Analysis Existing Primary Tower v0, Gates Air Quote Q-76839 Includes state and local taxes; see invoice Hodge Structural Engineers 17G000508.1 | \$36,383.05 | N/A |
| Replace Main Antenna | <i>\$134,813.00</i> | \$134,813.00 | N/A | N/A | N/A |

| | | | | | |
|--|---------------------|---------------------|---|-------------------|-----|
| Move Equipment | \$130,215.00 | \$130,215.00 | GTIA Quote Q17-06-030b1 dated 12/17/18 (uploaded into LMS) | \$32,553.75 | N/A |
| Short Tower (less than 500') | \$84,200.00 | \$134,954.41 | E-17440-5 Includes steel member replacement at top of tower | N/A | N/A |
| Serious tower reinforcement /modifications | \$1,052,000.00 | \$804,375.00 | Includes state and local taxes | N/A | N/A |
| Level II corrosion | \$6,400.00 | \$6,400.00 | N/A | \$6,400.00 | N/A |
| Interim Tower | \$536,776.25 | \$532,576.25 | | \$7,332.00 | |
| New tower | \$351,576.25 | \$351,576.25 | Includes the foundation, as well as state and local taxes and shipping. | \$7,332.00 | N/A |
| Ice Bridge | \$21,000.00 | \$21,000.00 | N/A | N/A | N/A |
| Interim Antenna Installation | \$80,000.00 | \$80,000.00 | N/A | N/A | N/A |
| Short Tower (less than 500') | \$84,200.00 | \$80,000.00 | N/A | N/A | N/A |
| Sub-total | \$1,972,004.25 | \$1,794,716.71 | N/A | \$93,873.80 | N/A |
| Total for all systems | \$6,989,893.43 | \$5,862,254.57 | N/A | \$2,291,418.05 | N/A |

Components

| Actual Information | |
|---|---|
| Description | File Name |
| Anode Grounding System | Component Description: COPPER STRAP |
| | Amount: \$1,150.00 |
| | Component Description: Supply labor and equipment to install customer supplied Anode Grounding Systems (3) guy anchor system (6 anodes total) for the (3) WTAP-TV guy anchors with all materials supplied by WTAP-TV |
| | Amount: \$7,250.00 |
| | Component Description: Grounding System |
| | Amount: \$2,805.00 |
| Structural engineering tower load study for well documented tower | Component Description: Structural Engineering Services |
| | Amount: \$6,500.00 |
| | Component Description: Engineering Evaluation |
| | Amount: \$3,500.00 |
| | Component Description: SITE SURVEY |
| | Amount: \$568.05 |

| | |
|--|--|
| | Component Description: Engineering Evaluation Amount: \$9,000.00 |
| | Component Description: Engineering evaluation of the 460' guyed tower. Amount: \$2,000.00 |
| | Component Description: Re-analysis Structural engineering of 460 tower Amount: \$1,200.00 |
| | Component Description: Site Survey Amount: \$8,115.00 |
| | Component Description: Engineering Evaluation Amount: \$2,000.00 |
| | Component Description: Engineering Evaluation Amount: \$3,500.00 |
| Replace Main Antenna | Information not provided. |
| Move Equipment | Component Description: Tower Equipment and Rigging Amount: \$32,553.75 |
| Short Tower (less than 500') | Information not provided. |
| Serious tower reinforcement /modifications | Information not provided. |

| | |
|------------------------------|--|
| Level II corrosion | <div> <div> Component Description: Amount: </div> <div> Level II corrosion risk analysis \$6,400.00 </div> </div> |
| New tower | <div> <div> Component Description: Amount: </div> <div> Geotechnical services for New Interim tower proposed site \$5,865.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> Total professional services \$615.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> For professional services rendered through October 31, 2018 \$852.00 </div> </div> |
| Ice Bridge | Information not provided. |
| Interim Antenna Installation | Information not provided. |
| Short Tower (less than 500') | Information not provided. |

Cost Information

Outside Professional Services

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|-----------------------------|---------------------|--|---------------------|---------------------------|
| Outside Professional Services | \$199,680.00 | \$200,636.76 | | \$100,422.91 | |
| FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase | \$2,105.00 | \$2,000.00 | N/A | \$1,337.50 | N/A |
| ASR modification (prepare FCC Form 854) | \$2,105.00 | \$2,000.00 | N/A | N/A | N/A |
| Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet | \$10,520.00 | \$12,041.13 | Environmentex Consulting Proposal | \$5,067.00 | N/A |
| NEPA Section 106 environmental review, if needed | \$6,310.00 | \$12,458.13 | Waterman Douglass & Associates invoice 20180051 A WTAP; Justifying invoice Environmentex 18303 | \$7,391.11 | N/A |

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|---|------------|------------|-----|----------|-----|
| Attorney Fees - Prepare and File request for Special Temporary Authorization | \$7,360.00 | \$7,000.00 | N/A | \$125.00 | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application | \$2,365.00 | \$2,250.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00 | \$5,000.00 | N/A | \$196.50 | N/A |
| Prepare request for Special Temporary Authorization | \$4,100.00 | \$3,000.00 | N/A | N/A | N/A |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | \$1,580.00 | \$1,500.00 | N/A | N/A | N/A |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00 | \$3,000.00 | N/A | N/A | N/A |

| | | | | | |
|--|----------------|----------------|---|----------------|-----|
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$10,387.50 | Hodge Structural Engineers invoice 17G000507.1, Chesapeake RF Consultants, LLC Invoice, & THTV Invoices | \$10,387.50 | N/A |
| Address transition timing and coordination issues w/ other stations and wireless | \$2,630.00 | \$2,500.00 | N/A | N/A | N/A |
| Prepare and or review reimbursement form | \$2,630.00 | \$2,500.00 | N/A | N/A | N/A |
| Project management of the transition | \$142,200.00 | \$135,000.00 | N/A | \$75,918.30 | N/A |
| Sub-total | \$199,680.00 | \$200,636.76 | N/A | \$100,422.91 | N/A |
| Total for all systems | \$6,989,893.43 | \$5,862,254.57 | N/A | \$2,291,418.05 | N/A |

Components

Actual Information
Description

File Name

| | | | | | | | | | |
|---|--|-------------------------------|---|----------------|------------|-------------------------------|--|----------------|----------|
| <p>FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase</p> | <table> <tr> <td data-bbox="710 174 1018 208">Component Description:</td><td data-bbox="1153 174 1366 600">Regarding interim operation on repack Ch-35, various discussions regarding removal of tower lighting requirement, prepare and submit FAA form 74460-1</td></tr> <tr> <td data-bbox="710 616 820 649">Amount:</td><td data-bbox="1153 616 1246 649">\$650.00</td></tr> <tr> <td data-bbox="710 757 1018 790">Component Description:</td><td data-bbox="1153 757 1366 1059">Regarding interim operation on repack Ch-35, determine site location and elevation data for new (interim antenna) tower.</td></tr> <tr> <td data-bbox="710 1075 820 1108">Amount:</td><td data-bbox="1153 1075 1246 1108">\$687.50</td></tr> </table> | Component Description: | Regarding interim operation on repack Ch-35, various discussions regarding removal of tower lighting requirement, prepare and submit FAA form 74460-1 | Amount: | \$650.00 | Component Description: | Regarding interim operation on repack Ch-35, determine site location and elevation data for new (interim antenna) tower. | Amount: | \$687.50 |
| Component Description: | Regarding interim operation on repack Ch-35, various discussions regarding removal of tower lighting requirement, prepare and submit FAA form 74460-1 | | | | | | | | |
| Amount: | \$650.00 | | | | | | | | |
| Component Description: | Regarding interim operation on repack Ch-35, determine site location and elevation data for new (interim antenna) tower. | | | | | | | | |
| Amount: | \$687.50 | | | | | | | | |
| <p>ASR modification (prepare FCC Form 854)</p> | <p>Information not provided.</p> | | | | | | | | |
| <p>Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet</p> | <table> <tr> <td data-bbox="710 1361 1018 1395">Component Description:</td><td data-bbox="1153 1361 1366 1664">NEPA Screen /Section 106 Review WTAP 12266 Veto Road, Constitution, Washington County, Ohio 45750.</td></tr> <tr> <td data-bbox="710 1680 820 1713">Amount:</td><td data-bbox="1153 1680 1270 1713">\$5,067.00</td></tr> </table> | Component Description: | NEPA Screen /Section 106 Review WTAP 12266 Veto Road, Constitution, Washington County, Ohio 45750. | Amount: | \$5,067.00 | | | | |
| Component Description: | NEPA Screen /Section 106 Review WTAP 12266 Veto Road, Constitution, Washington County, Ohio 45750. | | | | | | | | |
| Amount: | \$5,067.00 | | | | | | | | |
| <p>NEPA Section 106 environmental review, if needed</p> | <table> <tr> <td data-bbox="710 1854 1018 1888">Component Description:</td><td data-bbox="1153 1854 1353 1960">20180051 WTAP Tower NEPA Study</td></tr> <tr> <td data-bbox="710 1975 820 2009">Amount:</td><td data-bbox="1153 1975 1267 2009">\$7,391.11</td></tr> </table> | Component Description: | 20180051 WTAP Tower NEPA Study | Amount: | \$7,391.11 | | | | |
| Component Description: | 20180051 WTAP Tower NEPA Study | | | | | | | | |
| Amount: | \$7,391.11 | | | | | | | | |

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|--|---|
| Attorney Fees - Prepare and File request for Special Temporary Authorization | <p>Component Description:</p> <p>Review proposed main antenna and broadband interim antenna specification from 2 manufacturers.</p> <p>Amount:</p> <p>\$125.00</p> |
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application | Information not provided. |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | <p>Component Description:</p> <p>Complete and file initial repack construction permit application for WTAP</p> <p>Amount:</p> <p>\$196.50</p> |
| Prepare request for Special Temporary Authorization | Information not provided. |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | Information not provided. |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | Information not provided. |
| Perform engineering study for new channel assignment and antenna development | <p>Component Description:</p> <p>Develop final configuration for main antenna and determine ERP based on intended transmitter for repack</p> <p>Amount:</p> <p>\$1,450.00</p> |

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|--|-------------------------------|--|
| | Component Description: | Repack Engineering Interim antenna analysis - Robert E Thurber |
| | Amount: | \$1,875.00 |
| | Component Description: | Regarding repack Ch-35, review antenna proposals from two vendors |
| | Amount: | \$187.50 |
| | Component Description: | Perform engineering study for new channel assignment |
| | Amount: | \$2,712.50 |
| | Component Description: | Perform engineering study for new channel assignment |
| | Amount: | \$437.50 |
| | Component Description: | RF Consulting |
| | Amount: | \$125.00 |
| | Component Description: | Antenna and Transmission Line Mapping |
| | Amount: | \$3,600.00 |
| Address transition timing and coordination issues w/ other stations and wireless | Information not provided. | |
| Prepare and or review reimbursement form | Information not provided. | |
| Project management of the | | |

transition

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| Component Description: | Project Management |
| Amount: | \$1,936.65 |

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| Component Description: | Project Management |
| Amount: | \$2,721.85 |

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| Component Description: | Project Management |
| Amount: | \$1,992.65 |

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| Component Description: | Project Management |
| Amount: | \$2,457.40 |

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| Component Description: | Project Management |
| Amount: | \$2,776.95 |

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| Component Description: | Cost Reconciliation |
| Amount: | \$2,775.45 |

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| Component Description: | Project Management |
| Amount: | \$3,142.20 |

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| Component Description: | Project Management |
| Amount: | \$3,288.80 |

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| Component Description: | Project Management |
| Amount: | \$462.00 |

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| Component Description: | Project Management |
| Amount: | \$1,706.25 |

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| Component Description: | Project Management |
| Amount: | \$755.80 |

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| Component Description: | Project management |
| Amount: | \$3,536.90 |

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| Component Description: | Project Management |
| Amount: | \$4,280.65 |

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| Component Description: | Project Management |
| Amount: | \$1,845.25 |

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| Component Description: | Project Management |
| Amount: | \$2,521.95 |

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| Component Description: | Project Management |
| Amount: | \$1,890.75 |

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| Component Description: | Project Management |
| Amount: | \$2,775.85 |

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| Component Description: | Project Management |
| Amount: | \$1,363.95 |

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| Component Description: | Project Management |
| Amount: | \$3,605.65 |

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|-------------------------------|-------------------|
| Component Description: | Project managment |
| Amount: | \$1,328.55 |

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

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

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| Component Description: | Project Management |
| Amount: | \$4,369.80 |

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| Component Description: | Project Management |
| Amount: | \$1,728.10 |

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| Component Description: | Project Management |
| Amount: | \$2,472.60 |

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|-------------------------------|--------------------|
| Component Description: | Project management |
| Amount: | \$2,750.15 |

| | |
|-------------------------------|--------------------|
| Component Description: | Project Management |
| Amount: | \$2,116.85 |

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

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| Component Description: | Project Management |
| Amount: | \$3,588.75 |

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| Component Description: | Project Management |
| Amount: | \$4,037.30 |

| | |
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| Component Description: | Project Management |
| Amount: | \$3,558.80 |

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 | \$89,583.10 | \$80,331.10 | | \$5,599.62 | |
| Equipment Delivery and Handling Charges | <i>\$5,000.00</i> | \$5,000.00 | N/A | \$1,988.77 | N/A |
| Fencing | <i>\$9,691.00</i> | \$9,691.00 | N/A | N/A | N/A |
| MVPD Notification of Channel Change | <i>\$1,000.00</i> | \$1,000.00 | N/A | N/A | N/A |
| Develop and air announcement of upcoming channel change | <i>\$13,600.00</i> | \$13,600.00 | N/A | N/A | N/A |
| Equipment Storage | <i>\$1,102.10</i> | \$1,102.10 | Please see attached Atlas Trailer Rentals Explanation of Equipment Storage Costs | \$1,102.10 | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <i>\$30,000.00</i> | \$30,000.00 | N/A | \$2,508.75 | N/A |
| Non-zoning permits | <i>\$16,000.00</i> | \$16,000.00 | N/A | N/A | N/A |

| | | | | | |
|---|----------------|----------------|-----|----------------|-----|
| FCC Filing Fees - Special Temporary Authorization request | \$195.00 | \$190.00 | N/A | N/A | N/A |
| FCC Filing Fees - Form 2100 license to cover application | \$335.00 | \$325.00 | N/A | N/A | N/A |
| FCC Filing Fees - Form 2100 minor change CP application | \$1,110.00 | \$1,070.00 | N/A | N/A | N/A |
| DTV Medical Facility Notification | \$11,550.00 | \$2,353.00 | N/A | N/A | N/A |
| Sub-total | \$89,583.10 | \$80,331.10 | N/A | \$5,599.62 | N/A |
| Total for all systems | \$6,989,893.43 | \$5,862,254.57 | N/A | \$2,291,418.05 | N/A |

Components

| Actual Information | |
|---|---|
| Description | File Name |
| Equipment Delivery and Handling Charges | <p>Component Description: WTAP-610-Equipment Delivery</p> <p>Amount: \$1,988.77</p> |
| Fencing | Information not provided. |
| MVPD Notification of Channel Change | Information not provided. |
| Develop and air announcement of upcoming channel change | Information not provided. |

| | |
|--|---|
| Equipment Storage | <p>Component Description: 8 x 40 - 45 container Unit 453466 6/27/19-7/27/19</p> <p>Amount: \$1,102.10</p> |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <p>Component Description: "30YRD DUMPSTER TRANSMITTER SITE 1 REPACKING"</p> <p>Amount: \$1,370.88</p> <p>Component Description: 30 yrd dumpster</p> <p>Amount: \$1,137.87</p> |
| Non-zoning permits | Information not provided. |
| FCC Filing Fees - Special Temporary Authorization request | Information not provided. |
| 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. |

| Cost Information | Grand Total | | | |
|------------------|-----------------------|-----------------------------|----------------|----------------|
| | | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
| | Total for all systems | \$6,989,893.43 | \$5,862,254.57 | \$2,291,418.05 |

| 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.

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

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

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

09/12/2019

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

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

| | |
|--|--|
| <p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.</p> | |
| <p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p> | <p>Robert Folliard , III . <i>Assistant Secretary</i></p> <p>09/12/2019</p> |

Attachments