

(REFERENCE COPY - Not for submission)

#### FCC Form 399: Reimbursement Request

Facility 46728 Service: DTV Call WCAX-TV Channel: 20 (UHF)

ID:

Sign:

File **0000028424** 

Number:

FRN: **0018223693** Date **08/05** 

Submitted: /2019

### Applicant Information

#### **Applicant Name, Type, and Contact Information**

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

#### Reimbursement Contact Name and Information Reimbursement Contact Information

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

#### Preparer Contact Information

#### **Preparer Contact Name and Information**

| Applicant                 | Address  | Phone                 | Email                        |
|---------------------------|--|-----------------------|------------------------------|
| Samuel Harington Widelity | 4031 University Dr<br>Ste. 100<br>Fairfax, VA 22030<br>United States | +1 (339) 222-<br>8107 | sam.hariton@widelity.<br>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   | WCAX-TV will transition from Channel 22 to<br>the newly assigned Channel 20. This will<br>impact WPTZ which shares the tower and<br>antenna |

# Transmitters Section Question Response Transmitter Related Expenses Do you have transmitter related expenses? Yes

#### Primary Transmitter

#### **Existing Transmitter Information**

| Section                          | Question   | Response                 |
|----------------------------------|--|--------------------------|
| Existing Transmitter Description | Type of change   | Purchase<br>New          |
|                                  | Use  | Primary<br>(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<br>Output Tube |
|                                  | IOT Power Type   | Two                      |
|                                  | Power Capacity   | 60 kW                    |

#### Primary Transmitter

#### **New Transmitter Costs**

| Section         | Question                                  | Response  |
|-----------------|---|---|
| New Transmitter | Use                                       | Primary<br>(Main)   |
|                 | Change Type                               | Purchase<br>New   |
|                 | Is this a request for upgraded equipment? | Yes   |
|                 | Manufacturer                              |   |
|                 | Model                                     | ULXTED-60   |
|                 | Transmitter Type                          | Solid State   |
|                 | Solid State Cooling                       | Liquid<br>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 Transmittor

**Other Transmitter Cost Not Listed** 

Transmitter Information not provided.

#### Interim Transmitter

#### **New Transmitter Costs**

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

#### Interim Transmitter

#### **Other Transmitter Costs**

| No  |
|-----|
|     |
| No  |
| No  |
| N/A |
| No  |
|     |

|   | Size   | N/A  |
|---|--|--|
|   | Length   | N/A  |
|   | Other Electrical Service   | Yes  |
|   | Description  | The new transmitter require reconfigura of the electrical service on site. The electrical w cost has be estimated based on verbal guidance from local electrical electrical 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 Transmitter

#### **Other Transmitter Cost Not Listed**

| Name                 | Description                              |
|----------------------|--|
| UHF Inside RF System | UHF Inside RF System including switching |

#### **Antennas**

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

#### Primary Antenna

#### **Existing Antenna Information**

| Section                         | Question   | Response           |
|---------------------------------|--|--------------------|
| Existing Antenna<br>Description | Type of change   | Retune<br>Existing |
|                                 | Antenna Use  | Primary<br>(Main)  |
|                                 | Description of Use   | N/A                |
|                                 | Ownership  | Owned              |
|                                 | Owner  | N/A                |
|                                 | Site   | N/A                |
|                                 | Is the existing antenna shared with another station or stations? | Yes                |
|                                 | Is the existing antenna directional?                             | Yes                |
|                                 | Is antenna in operating condition?                               | Yes                |
|                                 | Is antenna located on or in close proximity to an antenna farm?  | Yes                |
| Existing Antenna                | Class  | Full Power         |
| Manufacturer and Type           | Mounting   | Top Mount          |
|                                 | Antenna position in stack  | Bottom             |
|                                 | Polarization   | Horizontal         |
|                                 | Туре   | Broadband<br>Panel |
|                                 | Number of Stations Supported                                     | 2                  |
|                                 | Number of Panels   | 40                 |
|                                 | Design power capacity in use                                     | 100.0 %            |
|                                 | Lower Limit  | 470.00 MH          |

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

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

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

#### Primary Antenna

#### **Adjustment to Existing Antenna**

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

#### Primary Antenna

#### **Other Antenna Costs**

| Section                        | Question                                     | Response                  |
|--------------------------------|--|---------------------------|
| Combiner for Shared<br>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<br>- 698.0 MHz  |

#### Primary Antenna

#### **Other Antenna Cost Not Listed**

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

#### Auxiliary Antenna

#### **Add Antenna Information**

| Section                      | Question  | Response              |
|------------------------------|---|-----------------------|
| Existing Antenna Description | Type of change  | Retune<br>Existing    |
|                              | Antenna Use   | Auxiliary<br>(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<br>Panel    |

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

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

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

#### Auxiliary Antenna

#### **Adjustment to Existing Antenna**

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

#### Auxiliary Antenna

#### **Other Antenna Costs**

| Section                        | Question                                     | Response |
|--------------------------------|--|----------|
| Combiner for Shared<br>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<br>- 698.0 MHz  |

#### Auxiliary Antenna

**Other Antenna Cost Not Listed** 

Information not provided.

| Transmission <sup>Seffien</sup>    | Question  | Response |
|------------------------------------|---|----------|
| Transmission Line Related Expenses | Do you have transmission line related expenses? | Yes      |

#### **Add Transmission Line**

#### Auxiliary Transmission

| n Line<br>Section                                | Question   | Response              |
|--|--|-----------------------|
| Existing Transmission Line Description           | Type of change   | Purchase<br>New       |
|  | Use  | Auxiliary<br>(Backup) |
|  | Description of Use   | Backup                |
|  | Ownership  | Owned                 |
|  | Owner  | N/A                   |
|  | Site   | N/A                   |
|  | Is this transmission currently shared with any other stations? | Yes                   |
|  | Is Transmission Line in operating condition?                   | Yes                   |
| Existing Transmission Line Manufacturer and Type | Manufacturer   |                       |
|  | 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<br>per run   |

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

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

#### **New Transmission Line**

#### Auxiliary Transmissio

| on Line<br>Settion          | Question                                  | Response  |
|-----------------------------|---|---|
| New Transmission Line Costs | Use                                       | Auxiliary<br>(Backup)   |
|                             | Description of Use                        | Backup  |
|                             | Change Type                               | Purchase<br>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<br>per run   |
|                             | Justification for New Transmission Line   | Line sweep determined that flange summing occurs in band for repacked channel 20 eliminating chances to reuse any of the existing lines |

Auxiliary Other Transmission Line Expenses Not Listed

Transmission to inetion not provided.

#### **Existing Transmission Line**

#### Primary Transmission

| n Line<br>Section                                | Question   | Response          |
|--|--|-------------------|
| Existing Transmission Line Description           | Type of change   | Purchase<br>New   |
|  | Use  | Primary<br>(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          |

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

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

#### **New Transmission Line**

| Primary            |
|--------------------|
| <b>Transmissio</b> |

| on Line<br>Section             | Question                                  | Response  |
|--------------------------------|---|---|
| New Transmission Line<br>Costs | Use                                       | Primary<br>(Main)   |
|                                | Description of Use                        | N/A   |
|                                | Change Type                               | Purchase<br>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<br>per run   |
|                                | Justification for New Transmission Line   | Line sweep determined that flange summing occurs in band for repacked channel 20 eliminating chances to reuse any of the existing lines |

Primary Other Transmission Line Expenses Not Listed

Transmission loinetion not provided.

#### **Add Transmission Line**

#### Primary Transmission

| Section                                | Question   | Response          |
|--|--|-------------------|
| Existing Transmission Line Description | Type of change   | Purchase<br>New   |
|  | Use  | Primary<br>(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                  | Manufacturer   |                   |
| Line Manufacturer and Type             | Туре   | Rigid             |
|  | Diameter   | 3 1/8 inches      |
|  | Other Diameter   | N/A               |
|  | Segment Length   | Broadband         |

Other Segment Length

Number of parallel runs

Length

N/A

450 feet per run

1

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

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

#### **New Transmission Line**

| Primary            |
|--------------------|
| <b>Transmissio</b> |

| Section                        | Question                                  | Response  |
|--------------------------------|---|---|
| New Transmission Line<br>Costs | Use                                       | Primary<br>(Main)   |
|                                | Description of Use                        | N/A   |
|                                | Change Type                               | Purchase<br>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<br>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 |

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

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

lines

# Tower Equipment And Rigging Costs

| Section                                     | Question  | Response |
|---|---|----------|
| Tower Equipment or<br>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<br>Existing     |
|   | Tower Use   | Primary<br>(Main)      |
|   | Description of Use                                      | N/A                    |
|   | Ownership   | Owned                  |
|   | Is this tower consider Complex?                         | Terrain<br>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                                  | Do you have a tower registration number?                | No                     |
| Registration  | ASR Number  |                        |
| Coordinates (NAD83 (<br>North American Datum of<br>1983)) | Latitude (NAD83)  | 44° 31'<br>32.19" N-   |
|   | Longitude (NAD83)                                       | 072° 48'<br>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 -<br>Monopole |
| Tower Owner                                  | WCAX-TV              |
| Date Constructed                             | 01/01/2005           |

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

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

#### Other Types of Users

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

#### Primary Tower

#### **Tower Modification Costs**

| Section              | Question   | Response  |
|----------------------|--|---|
| Engineering Study    | Please what type of engineering study is required, if any: | Study needed<br>for<br>undocumented<br>/poorly<br>documented<br>tower |
| Tower Reinforcements | Please select whether tower reinforcements are needed:     | Minor<br>Reinforcements<br>needed                                     |

#### Primary Tower

#### **Tower Rigging Costs**

| Response |
|----------|
|          |

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

#### Primary Tower

#### Other Tower Expenses Not Listed

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

#### Outside Professional

| Section  | Question   | Response             |
|--|--|----------------------|
| Services Costs<br>Outside Project<br>Management Services | Do you require outside project management services?                          | Yes                  |
|  | Number of Hours  | 900                  |
|  | Explanation  | Strategic<br>Support |
| Outside RF consulting<br>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                    | Prepare and file Form FCC Construction Permit Application                    | Yes                  |
| Services   | 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<br>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<br>Services | Comprehensive coverage verification via field study  | No  |
|                                  | RF exposure measurements   | Yes |
|                                  | Additional Field Engineering Service   | No  |
|                                  | Number of Days   | N/A |
|                                  | Justification  | N/A |

#### Outside Professional

#### Other Professional Services Expenses Not Listed

| al | Services Costs  | Description             |
|----|---|-------------------------|
|    | Additional Repack Legal Services Not<br>Otherwise Specified in Form 399 | Other Attorney services |

## Other Expenses

| Section                         | Question   | Response |
|---------------------------------|--|----------|
| AM Pattern Disturbance          | Is an Impact Study needed?   | No       |
|                                 | Is Remediation needed?   | No       |
| Facility Expenses               | Name   | N/A      |
|                                 | Other Distributed Transmission System<br>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<br>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           |
|-------|-----------------------|
| Taxes | State and Local Taxes |

## **Cost Information**

#### **Transmitters**

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

| Description   | Predetermined<br>Cost Estimate | Estimated<br>Cost | Estimated Cost Justification   | Actual Cost  | Actual Cost |
|---|--------------------------------|-------------------|--|--------------|-------------|
| Interim<br>Transmitter<br>ULXTE-30  | \$974,728.00                   | \$845,852.00      |  | \$574,953.54 |             |
| UHF - Liquid<br>Cooled Solid<br>State<br>Transmitter<br>14.2 - 20 kW  | \$684,000.00                   | \$562,624.00      | N/A  | \$526,898.54 | N/A         |
| Other Electrical Service: The new transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors. | \$73,228.00                    | \$73,228.00       | See quote, amended to be added to this document per FCC request dated 8/14 /17 (complete response narrative attached as well). The physical build for the interim /permanent transmitter solution drove the cost of quote. | \$48,055.00  | N/A         |
| UHF inside RF<br>system<br>including<br>switching   | \$147,500.00                   | \$140,000.00      | N/A  | N/A          | N/A         |

| UHF Inside RF<br>System   | \$70,000.00    | \$70,000.00    | N/A   | N/A            | N/A |
|---|----------------|----------------|---|----------------|-----|
| Primary<br>Transmitter<br>ULXTED-60   | \$1,553,073.00 | \$1,245,738.00 |   | \$1,001,097.19 |     |
| 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 | \$16,153.00    | N/A |
| UHF - Liquid<br>Cooled Solid<br>State<br>Transmitter 35<br>- 50 kW  | \$1,473,000.00 | \$1,165,665.00 | N/A   | \$984,944.19   | N/A |
| Sub-total   | \$2,527,801.00 | \$2,091,590.00 | N/A   | \$1,576,050.73 | N/A |
| Total for all systems   | \$4,143,213.75 | \$3,819,970.65 | N/A   | \$2,305,942.31 | N/A |
|   |                |                |   |                |     |

#### Components

| <b>Actual Information</b> |           |  |
|---------------------------|-----------|--|
| Description               | File Name |  |

| UHF - Liquid Cooled Solid<br>State Transmitter 14.2 - 20<br>kW  | Component Description: Amount: | ULXTE-30<br>Transmitter<br>\$344,497.67   |
|---|--------------------------------|---|
|   | Component Description: Amount: | ULXTE-30<br>Transmitter<br>\$182,400.87   |
| Other Electrical Service: The new transmitter will require reconfiguration of the electrical service on site.  The electrical work cost has   | Component Description: Amount: | Labor and Material<br>\$7,500.00  |
| been estimated based on verbal guidance from local electrical contractors.  | Component Description: Amount: | Labor and Material<br>\$10,000.00   |
|   | Component Description:         | materials & installation of the electrical service to the interim UHF transmitter |
|   | Amount:                        | \$14,500.00   |
|   | Component Description: Amount: | Labor and<br>material<br>\$16,055.00  |
| UHF inside RF system including switching  | Information not provided.      |   |
| UHF Inside RF System  | Information not provided.      |   |
| 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 | Component Description: Amount: | Materials & Labor - Electrical Gear Package \$16,153.00                           |

UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW

Component Description: ULXTED-60

Transmitter

**Amount:** \$984,944.19

## **Cost Information**

#### **Antennas**

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

| Description  | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification   | Actual Cost  | Actual Cost Justification |
|--|-----------------------------|----------------|--|--------------|---------------------------|
| Primary<br>Antenna<br>TUP-04<br>/C4SP-10<br>/40H-2-R   | \$144,111.75                | \$415,949.00   |  | \$300,730.96 |                           |
| Sweep test of existing antenna   | \$6,730.00                  | \$6,400.00     | N/A  | \$5,120.00   | N/A                       |
| New combiner, cost per channel (without antenna)   | \$84,200.00                 | \$349,433.25   | Catalog cost<br>listed as 80k<br>per channel;<br>GatesAir<br>Quote Q-<br>70240 | \$244,603.27 | N/A                       |
| Elbow<br>complex,<br>broadband,<br>at antenna<br>input, per 6<br>1/8.<br>feedline (if<br>needed) | \$13,700.00                 | \$20,634.00    | DTV Pros<br>Quote<br>JEHQ1327-<br>03   | \$16,507.20  | N/A                       |
| Lower<br>Power<br>Elbow<br>Complex   | \$18,506.25                 | \$18,506.25    | DTV Pros<br>Quote<br>JEHQ1327-<br>03   | \$14,804.99  | N/A                       |
| Site<br>Survey and<br>Coverage<br>Mapping  | \$14,575.50                 | \$14,575.50    | Please see<br>the attached<br>invoice from<br>GatesAir<br>#US0324201           | \$14,575.50  | N/A                       |
| Lower<br>Power Line<br>Antenna<br>Sweep  | \$6,400.00                  | \$6,400.00     | N/A  | \$5,120.00   | N/A                       |

| Auxiliary<br>Antenna<br>TUP-04-2<br>/8U-1-R   | \$101,880.00   | \$260,350.00   |  | \$16,280.00    |     |
|---|----------------|----------------|--|----------------|-----|
| Elbow<br>complex,<br>broadband,<br>at antenna<br>input, per 4<br>1/16.<br>feedline (if<br>needed) | \$10,950.00    | \$13,950.00    | DTV Pros<br>Quote<br>JEHQ1327-<br>03         | \$11,160.00    | N/A |
| New combiner, cost per channel (without antenna)  | \$84,200.00    | \$240,000.00   | Catalog cost<br>listed as 80k<br>per channel | N/A            | 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<br>all<br>systems   | \$4,143,213.75 | \$3,819,970.65 | N/A  | \$2,305,942.31 | N/A |

#### Components

| <b>Actual Information</b> |           |
|---------------------------|-----------|
| Description               | File Name |

| Sweep test of existing antenna                         | Component Description: | WCAX-210-Sweep<br>test New Primary               |
|--|------------------------|--|
|  | Amount:                | Antenna System<br>\$1,600.00                     |
|  | Component Description: | WCAX Sweep Test New Primary                      |
|  | Amount:                | Antenna System<br>\$1,920.00                     |
|  | Component Description: | WCAX Sweep Test New Primary                      |
|  | Amount:                | Antenna System<br>\$1,600.00                     |
| New combiner, cost per channel (without antenna)       | Component Description: | Combiner   |
|  | Amount:                | \$244,603.27                                     |
| Elbow complex, broadband, at antenna input, per 6 1/8. |                        |  |
| feedline (if needed)                                   | Component Description: | WCAX-210-Elbow<br>complex New<br>Primary Antenna |
|  | Amount:                | \$5,158.50                                       |
|  | Component Description: | WCAX Elbow                                       |
|  |                        | Complex New Primary Antenna                      |
|  | Amount:                | \$6,190.20                                       |
|  | Component Description: | WCAX Elbow                                       |
|  |                        | Complex New<br>Primary Antenna                   |
|  | Amount:                | \$5,158.50                                       |

| Complex                  | Component Description:          | 3" 50 Ohm                      |
|--------------------------|---------------------------------|--------------------------------|
|                          |                                 | Transmission Line              |
|                          |                                 | System                         |
|                          | Amount:                         | \$4,626.56                     |
|                          | Component Description:          | Rigid                          |
|                          |                                 | Transmission Line              |
|                          |                                 | - Copper T/L 3-50              |
|                          |                                 | 234.00 MF EX                   |
|                          |                                 | CONN                           |
|                          | Amount:                         | \$4,626.56                     |
|                          | Component Description:          | Rigid                          |
|                          | Joinponent Description.         | Transmission Line              |
|                          |                                 | Copper                         |
|                          | Amount:                         | \$5,551.87                     |
| 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                  |
|                          |                                 | Antenna System                 |
|                          | Amount:                         | \$1,600.00                     |
|                          | Component Description:          | WCAX Sweep                     |
|                          |                                 | Test Lower Power               |
|                          |                                 | New Primary                    |
|                          |                                 | Antenna                        |
|                          |                                 | \$1,920.00                     |
|                          | Amount:                         | ψ1,020.00                      |
|                          |                                 |                                |
|                          | Amount:  Component Description: | WCAX Sweep                     |
|                          |                                 |                                |
|                          |                                 | WCAX Sweep<br>Test Lower Power |

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

## **Cost Information**

#### **Transmission Line**

| Description   | Predetermined<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification   | Actual Cost    | Actual Cost<br>Justification |
|---|--------------------------------|-------------------|--------------------------------------|----------------|------------------------------|
| Primary<br>Transmission<br>Line                                     | \$104,400.00                   | \$148,315.20      |                                      | \$118,652.14   |                              |
| Rigid<br>Transmission<br>Line -<br>copper, 6 1<br>/8" broadband     | \$104,400.00                   | \$148,315.20      | DTV Pros<br>Quote<br>JEHQ1327-<br>03 | \$118,652.14   | N/A                          |
| Primary<br>Transmission<br>Line                                     | \$57,500.00                    | \$75,480.30       |                                      | \$61,074.48    |                              |
| Rigid<br>Transmission<br>Line -<br>copper, 3 1<br>/8" broadband     | \$54,000.00                    | \$71,980.30       | DTV Pros<br>Quote<br>JEHQ1327-<br>03 | \$57,584.23    | N/A                          |
| Sweep<br>Existing<br>Transmission<br>Line                           | \$3,500.00                     | \$3,500.00        | See invoice                          | \$3,490.25     | N/A                          |
| Auxiliary<br>Transmission<br>Line                                   | \$81,500.00                    | \$94,255.15       |                                      | \$75,404.10    |                              |
| Rigid<br>Transmission<br>Line -<br>copper, 4 1<br>/16"<br>broadband | \$81,500.00                    | \$94,255.15       | DTV Pros<br>Quote<br>JEHQ1327-<br>03 | \$75,404.10    | N/A                          |
| Sub-total   | \$243,400.00                   | \$318,050.65      | N/A                                  | \$255,130.72   | N/A                          |
| Total for all systems   | \$4,143,213.75                 | \$3,819,970.65    | N/A                                  | \$2,305,942.31 | N/A                          |

| Actual Information Description                     | File Name              |   |
|--|------------------------|---|
| Rigid Transmission Line - copper, 6 1/8" broadband | Component Description: | WCAX New<br>Primary<br>Transmission Line    |
|  | Amount:                | \$44,494.56                                 |
|  | Component Description: | WCAX-310-New<br>Primary                     |
|  | Amount:                | Transmission Line<br>\$37,078.79            |
|  | Component Description: | WCAX New Primary Transmission Line          |
|  | Amount:                | \$37,078.79                                 |
| Rigid Transmission Line - copper, 3 1/8" broadband | Component Description: | 1. WCAX-310-<br>Lower power New             |
|  | Amount:                | Primary<br>Transmission Line<br>\$17,995.07 |
|  | Component Description: | WCAX Lower<br>Power New<br>Primary          |
|  | Amount:                | Transmission Line<br>\$17,995.07            |
|  | Component Description: | WCAX Lower<br>Power New<br>Primary          |
|  | Amount:                | Transmission Line<br>\$21,594.09            |

| Sweep Existing<br>Transmission Line                    | Component Description: Amount: | Sweep test of all transmission lines \$3,490.25 |
|--|--------------------------------|---|
| Rigid Transmission Line -<br>copper, 4 1/16" broadband | Component Description:         | WCAX-350-New                                    |
|  | Component Description.         | Auxiliary                                       |
|  |                                | Transmission Line                               |
|  | Amount:                        | \$23,563.78                                     |
|  | Component Description:         | WCAX New  |
|  |                                | Auxiliary                                       |
|  | Amount:                        | Transmission Line<br>\$23,563.78                |
|  | Component Description:         | WCAX New  |
|  |                                | Auxiliary                                       |
|  |                                | Transmission Line                               |
|  | Amount:                        | \$28,276.54                                     |

## **Cost Information**

### **Tower Equipment and Rigging Costs**

| Description  | Predetermined<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification  | Actual Cost | Actual Cost<br>Justification |
|--|--------------------------------|-------------------|---|-------------|------------------------------|
| Primary Tower MTOWER   | \$655,940.00                   | \$292,640.00      |   | \$54,853.75 |                              |
| Corrosion analysis   | \$1,500.00                     | \$1,500.00        | See invoice   | \$1,500.00  | N/A                          |
| 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                          |
| Move<br>Equipment  | \$0.00                         | \$0.00            | N/A   | N/A         | N/A                          |
| Tower<br>Helicopter Lift   | \$46,640.00                    | \$46,640.00       | May require helicopter to delivery equipment and transmission line to transmitter site. | N/A         | N/A                          |
| Tower<br>structural<br>analysis  | \$2,500.00                     | \$2,500.00        | See invoice   | \$2,500.00  | N/A                          |
| Minor tower reinforcement /modifications   | \$158,000.00                   | \$150,000.00      | N/A   | N/A         | N/A                          |

| Complex                | \$421,000.00   | \$80,000.00    | N/A | \$45,103.75    | N/A |
|------------------------|----------------|----------------|-----|----------------|-----|
| Tower                  |                |                |     |                |     |
| (includes, for         |                |                |     |                |     |
| example,<br>those with |                |                |     |                |     |
| candelabras            |                |                |     |                |     |
| and/or                 |                |                |     |                |     |
| stacked                |                |                |     |                |     |
| antennas)              |                |                |     |                |     |
| Sub-total              | \$655,940.00   | \$292,640.00   | N/A | \$54,853.75    | N/A |
| Total for all systems  | \$4,143,213.75 | \$3,819,970.65 | N/A | \$2,305,942.31 | N/A |

| Actual Information Description   | File Name                      |  |
|--|--------------------------------|--|
| Corrosion analysis   | Component Description: Amount: | Level 1 Corrosion<br>Risk Analysis<br>\$750.00 |
|  | Component Description: Amount: | Level 1 Corrosion<br>Risk Analysis<br>\$750.00 |
| Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary | Component Description: Amount: | Tower Mapping<br>\$2,875.00                    |
| for tower load study   | Component Description: Amount: | Tower Mapping<br>\$2,875.00                    |
| Move Equipment   | Information not provided.      |  |
| Tower Helicopter Lift  | Information not provided.      |  |

|  | Component Description:    | Engineering              |
|--|---------------------------|--------------------------|
|  |                           | Evaluation               |
|  | Amount:                   | \$1,250.00               |
|  | Component Description:    | Engineering              |
|  | Amount:                   | Evaluation<br>\$1,250.00 |
| Minor tower reinforcement /modifications         | Information not provided. |                          |
| Complex Tower (includes, for example, those with | Component Description:    | Tower Equipment          |
| candelabras and/or stacked                       |                           | and Rigging              |
| antennas)  | Amount:                   | \$45,103.75              |

### **Cost** Information

#### **Outside Professional Services**

|  |                             |                   | Estimated   |             |                              |
|--|-----------------------------|-------------------|---|-------------|------------------------------|
| Description  | Predetermined Cost Estimate | Estimated<br>Cost | Cost<br>Justification                                 | Actual Cost | Actual Cost<br>Justification |
| Outside<br>Professional<br>Services  | \$214,909.00                | \$194,334.00      |   | \$93,108.42 |                              |
| Additional<br>Repack Legal<br>Services Not<br>Otherwise<br>Specified in<br>Form 399  | \$4,584.00                  | \$4,584.00        | Please see the attached invoice from MMCC # GTG012919 | \$1,527.99  | N/A                          |
| Environmental<br>Assessment, if<br>triggered by<br>NEPA Section<br>106 review or<br>for certain<br>structures over<br>450 feet | \$10,520.00                 | \$0.00            | N/A   | N/A         | N/A                          |
| Attorney Fees - Prepare and File request for Special Temporary Authorization   | \$3,680.00                  | \$3,500.00        | N/A   | N/A         | N/A                          |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application  | \$2,365.00                  | \$2,250.00        | N/A   | N/A         | N/A                          |

| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application | \$4,210.00   | \$4,000.00   | N/A | N/A         | N/A |
|--|--------------|--------------|-----|-------------|-----|
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application             | \$5,260.00   | \$5,000.00   | N/A | \$1,250.00  | N/A |
| Project<br>management<br>of the transition   | \$142,200.00 | \$135,000.00 | N/A | \$76,467.10 | N/A |
| Prepare and or review reimbursement form   | \$2,630.00   | \$2,500.00   | N/A | N/A         | N/A |
| Address<br>transition<br>timing and<br>coordination<br>issues w/<br>other stations<br>and wireless | \$2,630.00   | \$2,500.00   | N/A | N/A         | 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 |
| 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 Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application | \$2,105.00     | \$2,000.00     | N/A | \$0.00         | N/A |
|---|----------------|----------------|-----|----------------|-----|
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application                                       | \$1,580.00     | \$1,500.00     | N/A | \$0.00         | N/A |
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application    | \$1,580.00     | \$1,500.00     | N/A | N/A            | N/A |
| RF Exposure<br>Measurements   | \$21,050.00    | \$20,000.00    | N/A | \$10,692.50    | N/A |
| Sub-total   | \$214,909.00   | \$194,334.00   | N/A | \$93,108.42    | N/A |
| Total for all systems   | \$4,143,213.75 | \$3,819,970.65 | N/A | \$2,305,942.31 | N/A |
|   |                |                |     |                |     |

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

| Additional Repack Legal<br>Services Not Otherwise<br>Specified in Form 399                                     | Component Description: Amount:  | Gravel & Shea PC<br>\$1,527.99   |
|--|---------------------------------|--|
| Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet      | Information not provided.       |  |
| Attorney Fees - Prepare<br>and File request for Special<br>Temporary Authorization                             | Information not provided.       |  |
| Attorney Fees -Prepare<br>and File FCC Form 2100<br>(main), License to Cover<br>Application                    | Information not provided.       |  |
| Attorney Fees - Aux<br>Antenna, prepare and File<br>Form 2100 Construction<br>Permit or License<br>Application | Information not provided.       |  |
| Attorney Fees - Prepare<br>and File FCC Form 2100<br>(main), Construction Permit<br>Application                | Component Description:  Amount: | Email re: lifting of<br>anti-collusion rule,<br>time of FCC letter;<br>emails re: FCC<br>letter, next steps;<br>Email re: WPTZ<br>\$600.00 |
|  | Component Description:  Amount: | Emails, review<br>draft 2100, send<br>draft to Gray. File<br>2100.<br>\$650.00   |
| Project management of the transition   | Component Description: Amount:  | Project<br>Management<br>\$2,515.60  |

**Component Description:** 

Project Management

Amount:

\$1,891.25

**Component Description:** 

Project

Amount:

Management \$1,912.75

**Component Description:** 

Project

Amount:

Management \$5,251.90

**Component Description:** Project

Management

**Amount:** 

Amount:

\$7,808.35

**Component Description:** 

Project

Management \$4,051.70

**Component Description:** 

Project

Amount:

Management \$2,734.95

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**Component Description:** 

Project

Amount:

Management

\$3,376.95

**Component Description:** 

Project Management

Amount:

\$2,633.45

**Component Description:** 

**Project** 

Amount:

management \$1,328.55 **Component Description:** 

Amount:

Project Mgt \$2,381.30

Component Description:

Project

Amount:

Management \$2,442.90

**Component Description:** 

Project

Amount:

Management \$3,913.15

Project Mgt

**Component Description:** 

Amount:

\$718.30

**Component Description:** 

Project

management

Amount:

\$2,330.15

**Component Description:** 

Project

Management

Amount:

\$2,128.55

**Component Description:** 

Project

Amount:

Management

\$2,498.65

**Component Description:** 

Project

Amount:

Management

\$1,869.35

**Component Description:** 

Amount:

Project Mgt

\$28.20

**Component Description:** 

Project

Amount:

management \$2,951.90

**Component Description:** 

**Amount:** 

Project Mgt \$802.25

**Component Description:** 

Transition Related

Project

**Management Costs** 

Amount:

\$3,300.00

**Component Description:** 

Amount:

Project Mgt

\$2,507.30

**Component Description:** 

Project

**Amount:** 

Management

\$2,158.05

**Component Description:** 

Project

Amount:

Management \$2,111.25

**Component Description:** 

**Project** 

Management

**Amount:** 

\$2,624.35

**Component Description:** 

Project

**Amount:** 

Management

\$1,857.60

**Component Description:** 

Project

Amount:

Management

\$2,574.45

|   | Component Description: Amount: | Project Mgt<br>\$3,763.95  |
|---|--------------------------------|--|
| Prepare and or review reimbursement form  | Information not provided.      |  |
| Address transition timing and coordination issues w/ other stations and wireless  | Information not provided.      |  |
| Perform engineering study<br>for new channel<br>assignment and antenna<br>development                                   | Component Description:         | Perform engineering study for new channel assignment                         |
|   | Amount:                        | \$1,500.00   |
|   | Component Description:         | Engineering Study<br>for New Channel<br>Assignment                           |
|   | Amount:                        | \$1,283.33   |
|   | Component Description:         | Email duTreil re issues in repacking application                             |
|   | Amount:                        | \$200.00   |
| Prepare engineering<br>section of FCC Form 2100<br>(main), Construction Permit<br>Application                           | Component Description:         | review engineering<br>portions and<br>related exhibits of<br>"90 day" FCC CP |
|   | Amount:                        | application<br>\$187.50  |
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application | Information not provided.      |  |

| Prepare engineering<br>section of FCC Form 2100<br>(main), License to Cover<br>Application                           | Information not provided. |  |
|--|---------------------------|--|
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application | Information not provided. |  |
| RF Exposure<br>Measurements  | Component Description:    | WCAX-580-Field<br>Eng RF<br>measurements   |
|  | Amount:                   | \$3,237.50   |
|  | Component Description:    | Consultation on regulatory compliance at base station.   |
|  | Amount:                   | \$2,100.00   |
|  | Component Description:    | Provide 2 RF Specialists from GTI to attend the WCAX Mt. Mansfield tower site & Perform RF measurements to |
|  | Amount:                   | identify OET 65 issues.<br>\$5,355.00  |

# **Cost Information**

#### **Other Expenses**

| Description  | Predetermined<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification | Actual Cost | Actual Cost<br>Justification |
|--|--------------------------------|-------------------|------------------------------------|-------------|------------------------------|
| Other<br>Expenses  | \$255,172.00                   | \$247,057.00      |                                    | \$9,787.73  |                              |
| Taxes  | \$171,482.00                   | \$171,482.00      | N/A                                | N/A         | N/A                          |
| MVPD<br>Notification of<br>Channel<br>Change                             | \$1,000.00                     | \$1,000.00        | N/A                                | N/A         | N/A                          |
| Develop and air announcement of upcoming channel change                  | \$10,000.00                    | \$10,000.00       | N/A                                | \$0.00      | N/A                          |
| Equipment<br>Storage   | \$12,000.00                    | \$12,000.00       | N/A                                | \$6,259.05  | N/A                          |
| Equipment Delivery and Handling Charges                                  | \$10,000.00                    | \$10,000.00       | N/A                                | \$3,528.68  | N/A                          |
| Disposal Costs (for equipment and other waste, net of any salvage value) | \$25,000.00                    | \$25,000.00       | N/A                                | N/A         | N/A                          |
| BLM or NFS<br>Coordination   | \$10,000.00                    | \$10,000.00       | N/A                                | N/A         | N/A                          |
| Non-zoning permits   | \$2,500.00                     | \$2,500.00        | N/A                                | N/A         | N/A                          |

| Facility<br>Notification                                 |                |                |     |                |     |
|--|----------------|----------------|-----|----------------|-----|
| FCC Filing Fees - Form 2100 minor change CP application  | \$1,110.00     | \$1,070.00     | 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 |
| Sub-total  | \$255,172.00   | \$247,057.00   | N/A | \$9,787.73     | N/A |
| Total for all systems                                    | \$4,143,213.75 | \$3,819,970.65 | N/A | \$2,305,942.31 | N/A |

| Actual Information Description                          | File Name                      |                                      |
|---|--------------------------------|--------------------------------------|
| Taxes   | Information not provided.      |                                      |
| MVPD Notification of Channel Change                     | Information not provided.      |                                      |
| Develop and air announcement of upcoming channel change | Component Description: Amount: | Please deny this<br>component<br>N/A |
| Equipment Storage                                       |                                |                                      |

Component Description: Equipment in

warehouse,

storage from 4/12

/19-5/9/19 4

weeks

**Amount:** \$400.00

Component Description: Equipment in

warehouse,

storage

**Amount:** \$400.00

**Component Description:** Load 12 pallets

out of storage for

delivery

**Amount:** \$559.05

Component Description: WCAX-610-

Equipment

Storage

**Amount:** \$400.00

Component Description: Equipment in

warehouse,

Storage from 5/10

/19-6/7/19 4

weeks

**Amount:** \$400.00

Component Description: "Receive and

External
Inspection of
Electrical

Instruments from Gates Air, Inc. 1

/14/19"

**Amount:** \$2,500.00

Component Description: Equipment in

warehouse, storage

**Amount:** \$400.00

Component Description: Equipment in

warehouse,

storage from 1/19 /19-2/15/19 4

weeks

**Amount:** \$400.00

Component Description: Equipment in

warehouse, storage

**Amount:** \$400.00

Component Description: Equipment in

warehouse,

Amount: storage \$400.00

Equipment Delivery and Handling Charges

Component Description: Delivery to Top of

Mt. Mansfield, 6/3

/19

**Amount:** \$776.99

Component Description: Receive and

external

inspection, pallets

**Amount:** \$1,907.13

Component Description: Moving Services,

Delivery

**Amount:** \$844.56

| Disposal Costs (for equipment and other waste, net of any salvage value) | Information not provided. |
|--|---------------------------|
| BLM or NFS Coordination  | Information not provided. |
| Non-zoning permits   | Information not provided. |
| FCC Filing Fees - Special<br>Temporary Authorization<br>request          | Information not provided. |
| DTV Medical Facility<br>Notification                                     | Information not provided. |
| FCC Filing Fees - Form<br>2100 minor change CP<br>application            | Information not provided. |
| FCC Filing Fees - Form<br>2100 license to cover<br>application           | Information not provided. |

# Cost Information

#### **Grand Total**

|                       | Predetermined<br>Cost Estimate | Estimated Cost | Actual Cost    |
|-----------------------|--------------------------------|----------------|----------------|
| Total for all systems | \$4,143,213.75                 | \$3,819,970.65 | \$2,305,942.31 |

| Reimbursem | entestiatus  | Response |
|------------|--|----------|
|            | The facility has ceased operating on its pre-<br>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       |

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.

- 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 abovenamed applicant for the Authorization(s) specified above. Robert Folliard , III

Assistant Secretary

08/05/2019

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).

- 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.
- The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.
- The above-named entity acknowledges that all certifications and attached documentation are considered material representations.

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

- 8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
- 9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. Robert Folliard , III

Assistant Secretary

08/05/2019

#### **Attachments**