



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **46728** | Service: **DTV** | Call **WCAX-TV** | Channel: **20 (UHF)** |  
ID:  
File **0000028424**  
Number:  
FRN: **0018223693** | Date **09/04**  
Submitted: **/2018**

## Applicant Information

### Applicant Name, Type, and Contact Information

| Applicant  | Address   | Phone                       | Email                           | Applicant Type |
|--|---|-----------------------------|---------------------------------|----------------|
| <b>GRAY TELEVISION LICENSEE, LLC</b><br>Doing Business As: GRAY TELEVISION LICENSEE, LLC | WCAX<br>4370<br>PEACHTREE ROAD, NE<br>ATLANTA, GA<br>30319<br>United States | +1<br>(202)<br>750-<br>1585 | Robert.<br>Folliard@gray.<br>tv | Corporation    |

## 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                      |
|--|--|-----------------------|----------------------------|
| <b>Samuel Harington</b><br><i>Widely</i> | 4031 University Dr<br>Ste. 100<br>Fairfax, VA 22030<br>United States | +1 (339) 222-<br>8107 | sam.hariton@widely.<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 the newly assigned Channel 20. This will impact WPTZ which shares the tower and antenna |

**Transmitters**

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

**Primary  
Transmitter**

**Existing Transmitter Information**

| Section   | Question   | Response                 |
|---|--|--------------------------|
| <b>Existing Transmitter<br/>Description</b>           | 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                      |
| <b>Existing Transmitter<br/>Manufacturer and Type</b> | Manufacturer   |                          |
|   | Model  | PWR60D2                  |
|   | Year   | 2006                     |
|   | Type   | Inductive<br>Output Tube |
|   | IOT Power Type   | Two                      |
|   | Power Capacity   | 60 kW                    |

**Primary  
Transmitter**

**New Transmitter Costs**

| Section         | Question                                  | Response  |
|-----------------|---|---|
| New Transmitter | Use                                       | Primary (Main)  |
|                 | Change Type                               | Purchase New  |
|                 | Is this a request for upgraded equipment? | Yes   |
|                 | Manufacturer                              |   |
|                 | Model                                     | ULXTE-60  |
|                 | Transmitter Type                          | Solid State   |
|                 | Solid State Cooling                       | Liquid Cooled   |
|                 | Solid State Power capacity                | 38.4 kW   |
|                 | Justification for New Transmitter         | There is no room available to perform a retune of the existing IOT transmitter. |

**Primary  
Transmitter**

**Other Transmitter Costs**

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

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

**Primary  
Transmitter**

**Other Transmitter Cost Not Listed**

Information not provided.

**Interim  
Transmitter**

**New Transmitter Costs**

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

**Interim  
Transmitter**

**Other Transmitter Costs**

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

|  |   |   |
|--|---|---|
|  | Size  | N/A   |
|  | Length  | N/A   |
|  | Other Electrical Service  | Yes   |
|  | Description   | The new transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors. |
| <b>HVAC Service</b>  | Does the replacement transmitter require HVAC Service?  | No  |
|  | Type  | N/A   |
|  | Size  | N/A   |
|  | Other Size  | N/A   |
| <b>Transmitter Building Addition/Modification or Leasehold Improvement</b> | Does the Transmitter Building require an addition, modification, other leasehold improvement? | No  |
|  | Size  | N/A   |
| <b>Channel 14 Costs</b>  | 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   |
| <b>Inside RF System</b>  | 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<br>Manufacturer and Type | Class  | Full Power         |
|   | Mounting   | Top Mount          |
|   | Antenna position in stack  | Bottom             |
|   | Polarization   | Horizontal         |
|   | Type   | Broadband<br>Panel |
|   | Number of Stations Supported                                     | 2                  |
|   | Number of Panels   | 40                 |
|   | Design power capacity in use                                     | 100.0 %            |
|   | Lower Limit  | 470.00 MHz         |

|                                 |                                |
|---------------------------------|--------------------------------|
| Upper Limit                     | 710.00 MHz                     |
| Other Antenna Type              | N/A                            |
| ERP: (Effective Radiated Power) | 443.0 kW                       |
| Manufacturer                    | Dielectric                     |
| Model                           | TUP-04<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 Antenna | Do you need a sweep test of existing antenna? | Yes      |

**Primary Antenna**

**Other Antenna Costs**

| Section                     | Question                                     | Response                  |
|-----------------------------|--|---------------------------|
| Combiner for Shared Antenna | Do you need a Combiner for a Shared Antenna? | Yes                       |
|                             | Type   | New                       |
|                             | Number of channels supported                 | 3                         |
|                             | Frequencies of channels supported            | Upper and lower frequency |
|                             | Frequency                                    | 470.0 MHz<br>- 698.0 MHz  |

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

| Name                      | Description                 |
|---------------------------|-----------------------------|
| Lower Power Elbow Complex | 3 1/8" line feed, broadband |

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

| Section                                   | Question  | Response              |
|---|---|-----------------------|
| Existing Antenna<br>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<br>Manufacturer and Type | Class   | Full Power            |
|   | Mounting  | Top Mount             |
|   | Antenna position in stack                                       | Top                   |
|   | Polarization  | Horizontal            |
|   | Type  | 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 Antenna | Do you need a sweep test of existing antenna? | Yes      |

### Auxiliary Antenna

#### Other Antenna Costs

| Section                     | Question                                     | Response                  |
|-----------------------------|--|---------------------------|
| Combiner for Shared Antenna | Do you need a Combiner for a Shared Antenna? | Yes                       |
|                             | Type   | New                       |
|                             | Number of channels supported                 | 3                         |
|                             | Frequencies of channels supported            | Upper and lower frequency |
|                             |  |                           |

|  |           |                          |
|--|-----------|--------------------------|
|  | Frequency | 470.0 MHz<br>- 698.0 MHz |
|--|-----------|--------------------------|

**Auxiliary  
Antenna**

**Other Antenna Cost Not Listed**

Information not provided.

**Transmission Line**

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

## Auxiliary Transmission Line

### Add Transmission Line

| Section  | Question   | Response           |
|--|--|--------------------|
| Existing Transmission Line Description           | Type of change   | Purchase New       |
|  | Use  | Auxiliary (Backup) |
|  | Description of Use   | Backup             |
|  | Ownership  | Owned              |
|  | Owner  | N/A                |
|  | Site   | N/A                |
|  | Is this transmission currently shared with any other stations? | Yes                |
|  | Is Transmission Line in operating condition?                   | Yes                |
| Existing Transmission Line Manufacturer and Type | Manufacturer   |                    |
|  | Type   | Rigid              |
|  | Diameter   | 4 1/16 inches      |
|  | Other Diameter   | N/A                |
|  | Segment Length   | Broadband          |
|  | Other Segment Length   | N/A                |
|  | Number of parallel runs  | 1                  |
|  | Length   | 500 feet per run   |

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

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

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

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

**Auxiliary**      **Other Transmission Line Expenses Not Listed**  
**Transmission Line**

Information not provided.



**Primary  
Transmission Line**

**Existing Transmission Line**

| Section   | Question   | Response         |
|---|--|------------------|
| <b>Existing Transmission Line Description</b>           | Type of change   | Purchase New     |
|   | Use  | Primary (Main)   |
|   | Description of Use   | N/A              |
|   | Ownership  | Owned            |
|   | Owner  | N/A              |
|   | Site   | N/A              |
|   | Is the existing transmission line shared with another station or stations? | Yes              |
|   | Is Transmission Line in operating condition?                               | Yes              |
| <b>Existing Transmission Line Manufacturer and Type</b> | Manufacturer   |                  |
|   | Type   | Rigid            |
|   | Diameter   | 6 1/8 inches     |
|   | Other Diameter   | N/A              |
|   | Segment Length   | Broadband        |
|   | Other Segment Length   | N/A              |
|   | Number of parallel runs  | 1                |
|   | Length   | 450 feet per run |

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

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

**Primary**      **New Transmission Line**  
**Transmission Line**      **Section**

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

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

**Primary**  
**Transmission Line**

**Add Transmission Line**

| Section   | Question   | Response         |
|---|--|------------------|
| <b>Existing Transmission Line Description</b>           | Type of change   | Purchase New     |
|   | Use  | Primary (Main)   |
|   | Description of Use   | N/A              |
|   | Ownership  | Owned            |
|   | Owner  | N/A              |
|   | Site   | N/A              |
|   | Is this transmission currently shared with any other stations? | Yes              |
|   | Is Transmission Line in operating condition?                   | Yes              |
| <b>Existing Transmission Line Manufacturer and Type</b> | Manufacturer   |                  |
|   | Type   | Rigid            |
|   | Diameter   | 3 1/8 inches     |
|   | Other Diameter   | N/A              |
|   | Segment Length   | Broadband        |
|   | Other Segment Length   | N/A              |
|   | Number of parallel runs  | 1                |
|   | Length   | 450 feet per run |

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

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

**Primary**  
**Transmission Line**

**New Transmission Line**

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

**Primary**  
**Transmission Line**

**Other Transmission Line Expenses Not Listed**

| Name                                    | Description                              |
|---|--|
| <b>Sweep Existing Transmission Line</b> | Sweep test of existing transmission line |



**Tower  
Equipment  
And  
Rigging  
Costs**

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

**Primary  
Tower**

**Existing Tower**

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

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

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

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

#### Other Types of Users

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

#### Primary Tower

#### Tower Modification Costs

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

#### Primary Tower

#### Tower Rigging Costs

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

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

**Primary  
Tower**

**Other Tower Expenses Not Listed**

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



**Outside  
Professional Services Costs**

| Section   | Question   | Response          |
|---|--|-------------------|
| <b>Outside Project Management Services</b>            | Do you require outside project management services?                          | Yes               |
|   | Number of Hours  | 900               |
|   | Explanation  | Strategic Support |
| <b>Outside RF consulting Engineering Services</b>     | 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               |
| <b>Attorney and Other Outside Consulting Services</b> | Prepare and file Form FCC Construction Permit Application                    | Yes               |
|   | For Auxiliary Facility   | Yes               |
|   | For Main Facility  | Yes               |
|   | Prepare and file Form FCC License to Cover Application                       | Yes               |
|   | For Auxiliary Facility   | Yes               |
|   | For Main Facility  | Yes               |

|                                      |  |     |
|--------------------------------------|--|-----|
|                                      | Prepare request for Special Temporary Authority  | Yes |
|                                      | Quantity   | 1   |
|                                      | NEPA Section 106 environmental review  | No  |
|                                      | Environmental Assessment   | Yes |
|                                      | ASR Modification   | No  |
|                                      | FAA Consultation (including preparation of FAA Form 7460)                                  | No  |
|                                      | Negotiation of Lease and other Matter for Shared Locations                                 | No  |
|                                      | Prepare or Review FCC Form 399 for Reimbursement   | Yes |
|                                      | Address transition timing and coordination issues w/ other stations and wireless providers | Yes |
| <b>RF Field Engineering Services</b> | Comprehensive coverage verification via field study  | No  |
|                                      | RF exposure measurements   | Yes |
|                                      | Additional Field Engineering Service   | No  |
|                                      | Number of Days   | N/A |
|                                      | Justification  | N/A |

**Outside Professional Services Costs**      **Other Professional Services Expenses Not Listed**

If wireless is not provided.

## Other Expenses

| Section                             | Question   | Response |
|-------------------------------------|--|----------|
| <b>AM Pattern Disturbance</b>       | Is an Impact Study needed?   | No       |
|                                     | Is Remediation needed?   | No       |
| <b>Facility Expenses</b>            | 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      |
| <b>Permit and Filing Costs</b>      | 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      |
| <b>Other Miscellaneous Expenses</b> | 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 Cost Estimate | Estimated Cost      | Estimated Cost Justification   | Actual Cost         | Actual Cost Justification |
|---|-----------------------------|---------------------|--|---------------------|---------------------------|
| <b>Interim Transmitter ULXTE-30</b>   | <b>\$974,728.00</b>         | <b>\$845,852.00</b> |  | <b>\$182,400.87</b> |                           |
| UHF Inside RF System  | <i>\$70,000.00</i>          | \$70,000.00         | N/A  | N/A                 | N/A                       |
| UHF inside RF system including switching  | \$147,500.00                | \$140,000.00        | N/A  | N/A                 | 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>\$73,228.00</i>          | \$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. | N/A                 | N/A                       |

|   |                       |                       |            |                     |            |
|---|-----------------------|-----------------------|------------|---------------------|------------|
| UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW  | \$684,000.00          | \$562,624.00          | N/A        | \$182,400.87        | N/A        |
| <b>Primary Transmitter ULXTE-60</b>   | <b>\$1,498,000.00</b> | <b>\$1,190,665.00</b> |            | <b>\$0.00</b>       |            |
| UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW  | \$1,473,000.00        | \$1,165,665.00        | N/A        | N/A                 | 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. | <b>\$25,000.00</b>    | \$25,000.00           | N/A        | N/A                 | N/A        |
| <b>Sub-total</b>  | <b>\$2,472,728.00</b> | <b>\$2,036,517.00</b> | <b>N/A</b> | <b>\$182,400.87</b> | <b>N/A</b> |
| <b>Total for all systems</b>  | <b>\$5,143,010.00</b> | <b>\$3,478,797.00</b> | <b>N/A</b> | <b>\$239,552.35</b> | <b>N/A</b> |

## Components

| Actual Information                       |                           |
|--|---------------------------|
| Description                              | File Name                 |
| UHF Inside RF System                     | Information not provided. |
| UHF inside RF system including switching | 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 electrical contractors. | Information not provided.  |
| UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW  | <div> <b>Component Description:</b> ULXTE-30 Transmitter </div> <div> <b>Amount:</b> \$182,400.87 </div> |
| UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW  | 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 electrical contractors. | Information not provided.  |

## Cost Information

### Antennas

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

| Description   | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification           | Actual Cost | Actual Cost Justification |
|---|-----------------------------|----------------|--|-------------|---------------------------|
| Primary Antenna TUP-04 /C4SP-10 /40H-2-R                                    | \$656,565.00                | \$261,652.00   |  | \$0.00      |                           |
| Lower Power Elbow Complex   | <i>\$4,935.00</i>           | \$4,935.00     | N/A                                    | N/A         | N/A                       |
| Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed) | \$13,700.00                 | \$10,317.00    | N/A                                    | N/A         | N/A                       |
| New combiner, cost per channel (without antenna)                            | \$84,200.00                 | \$240,000.00   | Catalog cost listed as 80k per channel | N/A         | N/A                       |
| Sweep test of existing antenna  | \$6,730.00                  | \$6,400.00     | N/A                                    | N/A         | N/A                       |



|   |                       |                     |   |               |            |
|---|-----------------------|---------------------|---|---------------|------------|
| UHF - High Power Top Mount (200-1000 kW), Two Station broadband panel antenna, horizontally polarized | \$547,000.00          | \$0.00              | Ghost antenna inserted by form, cannot remove. This is a bug. | N/A           | N/A        |
| <b>Auxiliary Antenna TUP-04-2 /8U-1-R</b>   | <b>\$648,880.00</b>   | <b>\$252,220.00</b> |   | <b>\$0.00</b> |            |
| Elbow complex, broadband, at antenna input, per 4 1/16. feedline (if needed)                          | \$10,950.00           | \$5,820.00          | N/A   | N/A           | N/A        |
| New combiner, cost per channel (without antenna)  | \$84,200.00           | \$240,000.00        | Catalog cost listed as 80k per channel                        | N/A           | N/A        |
| Sweep test of existing antenna  | \$6,730.00            | \$6,400.00          | N/A   | N/A           | N/A        |
| UHF - High Power Top Mount (200-1000 kW), Two Station broadband panel antenna, horizontally polarized | \$547,000.00          | \$0.00              | Ghost antenna, cannot be removed. This is a bug.              | N/A           | N/A        |
| <b>Sub-total</b>  | <b>\$1,305,445.00</b> | <b>\$513,872.00</b> | <b>N/A</b>  | <b>\$0.00</b> | <b>N/A</b> |

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|                                      |                |                |     |              |     |
|--------------------------------------|----------------|----------------|-----|--------------|-----|
| <b>Total for<br/>all<br/>systems</b> | \$5,143,010.00 | \$3,478,797.00 | N/A | \$239,552.35 | N/A |
|--------------------------------------|----------------|----------------|-----|--------------|-----|

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**Components**

Information not provided.

Cost  
Information

Transmission Line

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

| Description   | Predetermined<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                   | \$82,542.00       |                                    | \$0.00       |                              |
| Rigid<br>Transmission<br>Line -<br>copper, 6 1<br>/8" broadband     | \$104,400.00                   | \$82,542.00       | N/A                                | N/A          | N/A                          |
| Primary<br>Transmission<br>Line                                     | \$57,500.00                    | \$49,708.00       |                                    | \$0.00       |                              |
| Sweep<br>Existing<br>Transmission<br>Line                           | \$3,500.00                     | \$3,500.00        | See invoice                        | \$0.00       | N/A                          |
| Rigid<br>Transmission<br>Line -<br>copper, 3 1<br>/8" broadband     | \$54,000.00                    | \$46,208.00       | N/A                                | N/A          | N/A                          |
| Auxiliary<br>Transmission<br>Line                                   | \$81,500.00                    | \$66,711.00       |                                    | \$0.00       |                              |
| Rigid<br>Transmission<br>Line -<br>copper, 4 1<br>/16"<br>broadband | \$81,500.00                    | \$66,711.00       | N/A                                | N/A          | N/A                          |
| Sub-total   | \$243,400.00                   | \$198,961.00      | N/A                                | \$0.00       | N/A                          |
| Total for all<br>systems  | \$5,143,010.00                 | \$3,478,797.00    | N/A                                | \$239,552.35 | N/A                          |

## Components

| Actual Information                                  |   |
|---|---|
| Description   | File Name   |
| Rigid Transmission Line - copper, 6 1/8" broadband  | Information not provided.   |
| Sweep Existing Transmission Line                    | <b>Component Description:</b> Sweep test of all transmission lines<br><b>Amount:</b> \$3,490.25 |
| Rigid Transmission Line - copper, 3 1/8" broadband  | Information not provided.   |
| Rigid Transmission Line - copper, 4 1/16" broadband | Information not provided.   |

## 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 |
|--|-----------------------------|---------------------|---|-------------------|---------------------------|
| <b>Primary Tower</b>   | <b>\$655,940.00</b>         | <b>\$292,640.00</b> |   | <b>\$9,750.00</b> |                           |
| <b>MTOWER</b>  |                             |                     |   |                   |                           |
| Tower structural analysis  | <i>\$2,500.00</i>           | \$2,500.00          | See invoice   | \$2,500.00        | N/A                       |
| Corrosion analysis   | <i>\$1,500.00</i>           | \$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 Equipment   | <i>\$0.00</i>               | \$0.00              | N/A   | N/A               | N/A                       |
| Tower Helicopter Lift  | <i>\$46,640.00</i>          | \$46,640.00         | May require helicopter to delivery equipment and transmission line to transmitter site. | N/A               | N/A                       |

|  |                |                |     |              |     |
|--|----------------|----------------|-----|--------------|-----|
| Complex Tower<br>(includes, for example, those with candelabras and/or stacked antennas) | \$421,000.00   | \$80,000.00    | N/A | N/A          | N/A |
| Minor tower reinforcement /modifications   | \$158,000.00   | \$150,000.00   | N/A | N/A          | N/A |
| <b>Sub-total</b>   | \$655,940.00   | \$292,640.00   | N/A | \$9,750.00   | N/A |
| <b>Total for all systems</b>   | \$5,143,010.00 | \$3,478,797.00 | N/A | \$239,552.35 | N/A |

## Components

| Actual Information        |   |
|---------------------------|---|
| Description               | File Name   |
| Tower structural analysis | <b>Component Description:</b> Engineering Evaluation          |
|                           | <b>Amount:</b> \$1,250.00                                     |
|                           | <b>Component Description:</b> Engineering Evaluation          |
|                           | <b>Amount:</b> \$1,250.00                                     |
| Corrosion analysis        | <b>Component Description:</b> Level 1 Corrosion Risk Analysis |
|                           | <b>Amount:</b> \$750.00                                       |
|                           | <b>Component Description:</b> Level 1 Corrosion Risk Analysis |
|                           | <b>Amount:</b> \$750.00                                       |

|   |   |
|---|---|
| Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study | <div> <div> <b>Component Description:</b><br/> <b>Amount:</b> </div> <div> Tower Mapping<br/> \$2,875.00 </div> </div> <div> <div> <b>Component Description:</b><br/> <b>Amount:</b> </div> <div> Tower Mapping<br/> \$2,875.00 </div> </div> |
| Move Equipment  | Information not provided.   |
| Tower Helicopter Lift   | Information not provided.   |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas)                                     | Information not provided.   |
| Minor tower reinforcement /modifications  | 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 |
|---|-----------------------------|---------------------|------------------------------|--------------------|---------------------------|
| <b>Outside Professional Services</b>  | <b>\$210,325.00</b>         | <b>\$189,750.00</b> |                              | <b>\$47,401.48</b> |                           |
| Project management of the transition  | \$142,200.00                | \$135,000.00        | N/A                          | \$37,625.65        | N/A                       |
| RF Exposure Measurements  | \$21,050.00                 | \$20,000.00         | N/A                          | \$5,355.00         | N/A                       |
| Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 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<br>- Aux Antenna,<br>prepare and<br>File Form<br>2100<br>Construction<br>Permit or<br>License<br>Application                            | \$4,210.00 | \$4,000.00 | N/A | N/A        | N/A |
| Attorney Fees<br>- Prepare and<br>File FCC Form<br>2100 (main),<br>Construction<br>Permit<br>Application  | \$5,260.00 | \$5,000.00 | N/A | \$1,250.00 | N/A |
| RF Consulting<br>Engineer<br>Fees- Aux<br>Antenna:<br>Prepare<br>engineering<br>section of FCC<br>Form 2100,<br>License to<br>Cover<br>Application    | \$1,580.00 | \$1,500.00 | N/A | N/A        | N/A |
| Prepare<br>engineering<br>section of FCC<br>Form 2100<br>(main),<br>License to<br>Cover<br>Application  | \$1,580.00 | \$1,500.00 | N/A | \$0.00     | N/A |
| RF Consulting<br>Engineer<br>Fees- Aux<br>Antenna:<br>Prepare<br>engineering<br>section of FCC<br>Form 2100,<br>Construction<br>Permit<br>Application | \$2,105.00 | \$2,000.00 | N/A | \$0.00     | N/A |

|  |                |                |     |              |     |
|--|----------------|----------------|-----|--------------|-----|
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00     | \$3,000.00     | N/A | \$187.50     | N/A |
| Perform engineering study for new channel assignment and antenna development         | \$7,360.00     | \$7,000.00     | N/A | \$2,983.33   | N/A |
| Address transition timing and coordination issues w/ other stations and wireless     | \$2,630.00     | \$2,500.00     | N/A | N/A          | N/A |
| Prepare and or review reimbursement form   | \$2,630.00     | \$2,500.00     | N/A | N/A          | N/A |
| <b>Sub-total</b>   | \$210,325.00   | \$189,750.00   | N/A | \$47,401.48  | N/A |
| <b>Total for all systems</b>   | \$5,143,010.00 | \$3,478,797.00 | N/A | \$239,552.35 | N/A |

## Components

| Actual Information                   |  |
|--------------------------------------|--|
| Description                          | File Name  |
| Project management of the transition | <p><b>Component Description:</b> Project Management</p> <p><b>Amount:</b> \$2,158.05</p> |

|                               |                    |
|-------------------------------|--------------------|
| <b>Component Description:</b> | Project Management |
| <b>Amount:</b>                | \$1,891.25         |

|                               |                    |
|-------------------------------|--------------------|
| <b>Component Description:</b> | Project Management |
| <b>Amount:</b>                | \$2,624.35         |

|                               |                    |
|-------------------------------|--------------------|
| <b>Component Description:</b> | Project Management |
| <b>Amount:</b>                | \$1,912.75         |

|                               |                    |
|-------------------------------|--------------------|
| <b>Component Description:</b> | Project management |
| <b>Amount:</b>                | \$1,328.55         |

|                               |             |
|-------------------------------|-------------|
| <b>Component Description:</b> | Project Mgt |
| <b>Amount:</b>                | \$718.30    |

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

|                               |                    |
|-------------------------------|--------------------|
| <b>Component Description:</b> | Project management |
| <b>Amount:</b>                | \$2,951.90         |

|                               |                    |
|-------------------------------|--------------------|
| <b>Component Description:</b> | Project Management |
| <b>Amount:</b>                | \$2,111.25         |

|                               |             |
|-------------------------------|-------------|
| <b>Component Description:</b> | Project Mgt |
| <b>Amount:</b>                | \$3,763.95  |

|                               |             |
|-------------------------------|-------------|
| <b>Component Description:</b> | Project Mgt |
| <b>Amount:</b>                | \$802.25    |

|                               |             |
|-------------------------------|-------------|
| <b>Component Description:</b> | Project Mgt |
| <b>Amount:</b>                | \$2,381.30  |

|                               |                       |
|-------------------------------|-----------------------|
| <b>Component Description:</b> | Project<br>Management |
| <b>Amount:</b>                | \$1,857.60            |

|                               |             |
|-------------------------------|-------------|
| <b>Component Description:</b> | Project Mgt |
| <b>Amount:</b>                | \$2,507.30  |

|                               |             |
|-------------------------------|-------------|
| <b>Component Description:</b> | Project Mgt |
| <b>Amount:</b>                | \$28.20     |

|                               |                       |
|-------------------------------|-----------------------|
| <b>Component Description:</b> | Project<br>management |
| <b>Amount:</b>                | \$2,330.15            |

|                               |                       |
|-------------------------------|-----------------------|
| <b>Component Description:</b> | Project<br>Management |
| <b>Amount:</b>                | \$2,515.60            |

|                               |                       |
|-------------------------------|-----------------------|
| <b>Component Description:</b> | Project<br>Management |
| <b>Amount:</b>                | \$2,442.90            |

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|   |  |
|---|--|
| RF Exposure Measurements  | <p><b>Component Description:</b></p> <p>Provide 2 RF Specialists from GTI to attend the WCAX Mt. Mansfield tower site &amp; Perform RF measurements to identify OET 65 issues.</p> <p><b>Amount:</b></p> <p>\$5,355.00</p> |
| Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet | Information not provided.  |
| Attorney Fees - Prepare and File request for Special Temporary Authorization                              | Information not provided.  |
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application                        | Information not provided.  |
| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application        | Information not provided.  |

|  |  |                               |   |                |          |                               |  |                |                         |
|--|--|-------------------------------|---|----------------|----------|-------------------------------|--|----------------|-------------------------|
| <p>Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application</p>                                  | <table> <tr> <td data-bbox="702 174 1015 208"><b>Component Description:</b></td><td data-bbox="1147 174 1426 324">Emails, review draft 2100, send draft to Gray. File 2100.</td></tr> <tr> <td data-bbox="702 336 815 369"><b>Amount:</b></td><td data-bbox="1147 336 1244 369">\$650.00</td></tr> <tr> <td data-bbox="702 477 1015 510"><b>Component Description:</b></td><td data-bbox="1147 477 1426 667">Email re: lifting of anti-collusion rule, time of FCC letter; emails re: FCC letter, next steps;</td></tr> <tr> <td data-bbox="702 712 815 745"><b>Amount:</b></td><td data-bbox="1147 678 1337 745">Email re: WPTZ \$600.00</td></tr> </table> | <b>Component Description:</b> | Emails, review draft 2100, send draft to Gray. File 2100.                       | <b>Amount:</b> | \$650.00 | <b>Component Description:</b> | Email re: lifting of anti-collusion rule, time of FCC letter; emails re: FCC letter, next steps; | <b>Amount:</b> | Email re: WPTZ \$600.00 |
| <b>Component Description:</b>  | Emails, review draft 2100, send draft to Gray. File 2100.  |                               |   |                |          |                               |  |                |                         |
| <b>Amount:</b>   | \$650.00   |                               |   |                |          |                               |  |                |                         |
| <b>Component Description:</b>  | Email re: lifting of anti-collusion rule, time of FCC letter; emails re: FCC letter, next steps;   |                               |   |                |          |                               |  |                |                         |
| <b>Amount:</b>   | Email re: WPTZ \$600.00  |                               |   |                |          |                               |  |                |                         |
| <p>RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application</p>    | <p>Information not provided.</p>   |                               |   |                |          |                               |  |                |                         |
| <p>Prepare engineering section of FCC Form 2100 (main), License to Cover Application</p>                                       | <p>Information not provided.</p>   |                               |   |                |          |                               |  |                |                         |
| <p>RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application</p> | <p>Information not provided.</p>   |                               |   |                |          |                               |  |                |                         |
| <p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p>                                    | <table> <tr> <td data-bbox="702 1626 1015 1659"><b>Component Description:</b></td><td data-bbox="1147 1626 1426 1816">review engineering portions and related exhibits of "90 day" FCC CP application</td></tr> <tr> <td data-bbox="702 1827 815 1861"><b>Amount:</b></td><td data-bbox="1147 1827 1244 1861">\$187.50</td></tr> </table>  | <b>Component Description:</b> | review engineering portions and related exhibits of "90 day" FCC CP application | <b>Amount:</b> | \$187.50 |                               |  |                |                         |
| <b>Component Description:</b>  | review engineering portions and related exhibits of "90 day" FCC CP application  |                               |   |                |          |                               |  |                |                         |
| <b>Amount:</b>   | \$187.50   |                               |   |                |          |                               |  |                |                         |

|   |  |                               |  |                |            |                               |  |                |            |                               |  |                |          |
|---|--|-------------------------------|--|----------------|------------|-------------------------------|--|----------------|------------|-------------------------------|--|----------------|----------|
| <p>Perform engineering study for new channel assignment and antenna development</p>     | <table> <tr> <td data-bbox="703 174 1018 210"><b>Component Description:</b></td><td data-bbox="1147 174 1358 327">Perform engineering study for new channel assignment</td></tr> <tr> <td data-bbox="703 338 815 374"><b>Amount:</b></td><td data-bbox="1147 338 1267 374">\$1,500.00</td></tr> <tr> <td data-bbox="703 477 1018 512"><b>Component Description:</b></td><td data-bbox="1147 477 1366 589">Engineering Study for New Channel Assignment</td></tr> <tr> <td data-bbox="703 600 815 636"><b>Amount:</b></td><td data-bbox="1147 600 1267 636">\$1,283.33</td></tr> <tr> <td data-bbox="703 736 1018 772"><b>Component Description:</b></td><td data-bbox="1147 736 1374 848">Email duTreil re issues in repacking application</td></tr> <tr> <td data-bbox="703 860 815 896"><b>Amount:</b></td><td data-bbox="1147 860 1246 896">\$200.00</td></tr> </table> | <b>Component Description:</b> | Perform engineering study for new channel assignment | <b>Amount:</b> | \$1,500.00 | <b>Component Description:</b> | Engineering Study for New Channel Assignment | <b>Amount:</b> | \$1,283.33 | <b>Component Description:</b> | Email duTreil re issues in repacking application | <b>Amount:</b> | \$200.00 |
| <b>Component Description:</b>   | Perform engineering study for new channel assignment   |                               |  |                |            |                               |  |                |            |                               |  |                |          |
| <b>Amount:</b>  | \$1,500.00   |                               |  |                |            |                               |  |                |            |                               |  |                |          |
| <b>Component Description:</b>   | Engineering Study for New Channel Assignment   |                               |  |                |            |                               |  |                |            |                               |  |                |          |
| <b>Amount:</b>  | \$1,283.33   |                               |  |                |            |                               |  |                |            |                               |  |                |          |
| <b>Component Description:</b>   | Email duTreil re issues in repacking application   |                               |  |                |            |                               |  |                |            |                               |  |                |          |
| <b>Amount:</b>  | \$200.00   |                               |  |                |            |                               |  |                |            |                               |  |                |          |
| <p>Address transition timing and coordination issues w/ other stations and wireless</p> | <p>Information not provided.</p>   |                               |  |                |            |                               |  |                |            |                               |  |                |          |
| <p>Prepare and or review reimbursement form</p>   | <p>Information not provided.</p>   |                               |  |                |            |                               |  |                |            |                               |  |                |          |

## 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 |
|--|-----------------------------|---------------------|------------------------------|---------------|---------------------------|
| <b>Other Expenses</b>  | <b>\$255,172.00</b>         | <b>\$247,057.00</b> |                              | <b>\$0.00</b> |                           |
| Taxes  | <i>\$171,482.00</i>         | \$171,482.00        | 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>\$10,000.00</i>          | \$10,000.00         | N/A                          | N/A           | N/A                       |
| Equipment Storage  | <i>\$12,000.00</i>          | \$12,000.00         | N/A                          | N/A           | N/A                       |
| Equipment Delivery and Handling Charges                                  | <i>\$10,000.00</i>          | \$10,000.00         | N/A                          | N/A           | N/A                       |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <i>\$25,000.00</i>          | \$25,000.00         | N/A                          | N/A           | N/A                       |
| BLM or NFS Coordination  | <i>\$10,000.00</i>          | \$10,000.00         | N/A                          | N/A           | N/A                       |
| Non-zoning permits   | <i>\$2,500.00</i>           | \$2,500.00          | 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    | \$3,490.00     | N/A | N/A          | N/A |
| <b>Sub-total</b>  | \$255,172.00   | \$247,057.00   | N/A | \$0.00       | N/A |
| <b>Total for all systems</b>                              | \$5,143,010.00 | \$3,478,797.00 | N/A | \$239,552.35 | N/A |

## Components

Information not provided.

**Cost  
Information**

**Grand Total**

|                       | Predetermined<br>Cost Estimate | Estimated Cost | Actual Cost  |
|-----------------------|--------------------------------|----------------|--------------|
| Total for all systems | \$5,143,010.00                 | \$3,478,797.00 | \$239,552.35 |

**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"> <li>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.</li> <li>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>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.</li> </ol> |          |

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

|   |   |
|---|---|
| <p>8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.</p> |   |
| <p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>   | <p><b>Robert Folliard</b><br/> <i>Assistant Secretary</i></p> <p>09/04/2018</p> |

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

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><b>Robert Folliard</b><br/> <i>Assistant Secretary</i></p> <p>09/04/2018</p> |

## Attachments