



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **65944** | Service: **DTV** | Call **WMPB** | Channel: **22 (UHF)** |  
ID: | Sign:  
File **0000027906**  
Number:  
FRN: **0003857380** | Date **12/19**  
Submitted: **/2018**

## Applicant Information

### Applicant Name, Type, and Contact Information

| Applicant  | Address   | Phone                       | Email              | Applicant Type    |
|--|---|-----------------------------|--------------------|-------------------|
| <b>MARYLAND PUBLIC BROADCASTING COMMISSION</b><br>Doing Business As:<br>MARYLAND PUBLIC TELEVISION | Larry D. Unger,<br>President & CEO<br>11767 OWINGS MILLS<br>BOULEVARD<br>OWINGS MILLS,<br>MD 21117<br>United States | +1<br>(410)<br>356-<br>5600 | lunger@mpt.<br>org | Government Entity |

## 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>Joseph L. Snelson , Jr .</b><br><i>Technical Consultant</i><br><i>Meintel, Sgrignoli &amp; Wallace</i> | 1282 Smallwood Drive,<br>Suite 372<br>Waldorf, MD 20603<br>United States | +1 (303) 344-<br>8037 | joe.<br>snelson@mswdtv.<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. |  | No  |
| Briefly describe transition plan   |  | Current transmission system consists of a transmitter feeding a transmission line which connects to an antenna on the tower. Work includes connecting new repack channel main/aux transmitters to current broadband line and antenna. |

**Transmitters**

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

**Auxiliary  
Transmitter****Add Transmitter Information**

| Section   | Question  | Response                                     |
|---|---|--|
| <b>Existing Transmitter<br/>Description</b>           | Type of change  | Purchase<br>New                              |
|   | Use   | Auxiliary<br>(Backup)                        |
|   | Description of Use  | Used in<br>case of<br>failure of<br>the main |
|   | Ownership   | Owned  |
|   | Owner   | N/A  |
|   | Site  | N/A  |
|   | Is this transmitter currently shared with<br>another station? | No   |
|   | Is this transmitter currently in operating<br>condition?      | Yes  |
| <b>Existing Transmitter<br/>Manufacturer and Type</b> | Manufacturer  |  |
|   | Model   | TDU2-<br>5K00LV                              |
|   | Year  | 2003   |
|   | Type  | Solid State                                  |
|   | Solid State Cooling   | Liquid<br>Cooled                             |
|   | Solid State Power Capacity                                    | 5.0 kW                                       |

**Auxiliary  
Transmitter****New Transmitter Costs**

| Section         | Question                                  | Response   |
|-----------------|---|--|
| New Transmitter | Use                                       | Auxiliary<br>(Backup)  |
|                 | Change Type                               | Purchase New   |
|                 | Is this a request for upgraded equipment? | Yes  |
|                 | Manufacturer                              |  |
|                 | Model                                     | MPTV-PRLX-<br>U4   |
|                 | Transmitter Type                          | Solid State  |
|                 | Solid State Cooling                       | Liquid Cooled  |
|                 | Solid State Power capacity                | 6.5 kW   |
|                 | Justification for New Transmitter         | Current transmitter is not supported for a channel change. See attached Transmitter Replace justification letter from manufacturer. An increase of power is part a multi-station agreement provided to the FCC to accommodate moving WETA to channel 31. |

**Auxiliary  
Transmitter****Other Transmitter Costs**

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

|  |   |  |
|--|---|--|
| <b>Electrical Service</b>  | 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   | Electrical contractor to connect transmitter into existing electrical panel and wire heat exchanger into transmitter. Includes material and labor. |
| <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  |

**Auxiliary  
Transmitter**

**Other Transmitter Cost Not Listed**

| Name                            | Description   |
|---------------------------------|---|
| <b>Rigid Coax Line</b>          | Rigid interconnection coax lines from transmitter to filter to antenna switch.  |
| <b>Motorized Switch</b>         | Switches which transmitter will feed the mask filter. This is not an upgrade as station uses a motorized switch. Current switch can't be utilized and have station remain on-air. |
| <b>Remote Control Interface</b> | License required to interface transmitter into current remote control system  |
| <b>Bag Filter</b>               | Bag type water filtration for heat exchanger system. Current pre-repack cooling system has this filtering.  |
| <b>Coolant</b>                  | The coolant used for the transmitter heat exchanger is not included in the transmitter price  |

**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  | TDU2-<br>5K00LV   |
|   | Year   | 2003              |
|   | Type   | Solid State       |
|   | Solid State Cooling  | Liquid<br>Cooled  |
|   | Solid State Power Capacity                                 | 5.0 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                                     | MPTV-PRLX-U4   |
|                 | Transmitter Type                          | Solid State  |
|                 | Solid State Cooling                       | Liquid Cooled  |
|                 | Solid State Power capacity                | 6.5 kW   |
|                 | Justification for New Transmitter         | Current transmitter is not supported for a channel change. See attached Transmitter Replace justification letter from manufacturer. An increase of power is part a multi-station agreement provided to the FCC to accommodate moving WETA to channel 31. |

**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   | Electrical contractor to connect transmitter into existing electrical panel and wire heat exchanger into transmitter. Includes material and labor. |
| <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**

| Name                            | Description  |
|---------------------------------|--|
| <b>Motorized Switch</b>         | Electric actuated switch to switch main /auxiliary transmitters into antenna. Current transmitter has this capability but switch cannot be moved as it is in pre-repack service.                     |
| <b>Site Design and Survey</b>   | Incorporates all aspects of the transmitter room design, including power distribution requirements, equipment placement, RF system layout, plumbing, and remote control.                             |
| <b>Rigid Coax Line</b>          | Rigid interconnection coax lines from transmitter to filter to antenna switch.   |
| <b>Bag Filter</b>               | Bag type water filtration for heat exchanger system. Current pre-repack cooling system has this filtering.   |
| <b>12-Pole Mask Filter</b>      | Sharp tuned mask filter to further protect adjacent channel Class A WMJF-CD, Ch. 23 and WMPT, Ch 21. Part of a multi-party resolution provided to the FCC to accommodate moving WETA to channel 31 . |
| <b>Remote Control Interface</b> | License required to interface transmitter into current remote control system   |
| <b>Coolant</b>                  | The coolant used for the transmitter heat exchanger is not included in the transmitter price   |

**Antennas**

| Section                  | Question                              | Response |
|--------------------------|---------------------------------------|----------|
| Antenna Related Expenses | Do you have antenna related expenses? | No       |

**Transmission Line**

| Section                            | Question  | Response |
|------------------------------------|---|----------|
| Transmission Line Related Expenses | Do you have transmission line related expenses? | No       |

**Tower Equipment And Rigging Costs**

| Section                                  | Question  | Response |
|--|---|----------|
| Tower Equipment or Rigging Costs Changes | Do you have tower equipment or rigging costs changes? | No       |

**Outside Professional Services Costs**

| Section                                    | Question   | Response  |
|--|--|---|
| Outside Project Management Services        | Do you require outside project management services?                          | Yes   |
|  | Number of Hours  | 200   |
|  | Explanation  | Applicant has limited internal resources to oversee installing and commissioning this repack project. It will rely on outside services to manage all work required. |
| Outside RF consulting Engineering Services | Perform engineering study for new channel assignment and antenna development | Yes   |
|  | Prepare engineering section of Form FCC Construction Permit Application      | Yes   |
|  | For Auxiliary Facility   | No  |
|  | For Main Facility  | Yes   |

|   |  |     |
|---|--|-----|
|   | Prepare engineering section of Form FCC License to Cover Application | Yes |
|   | For Auxiliary Facility   | No  |
|   | For Main Facility  | Yes |
|   | Prepare request for Special Temporary Authority                      | 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   | No  |
|   | For Main Facility  | Yes |
|   | Prepare and file Form FCC License to Cover Application               | Yes |
|   | For Auxiliary Facility   | No  |
|   | For Main Facility  | Yes |
|   | Prepare request for Special Temporary Authority                      | No  |
|   | Quantity   | N/A |
|   | NEPA Section 106 environmental review                                | No  |
|   | Environmental Assessment   | No  |
|   | ASR Modification   | No  |
|   | FAA Consultation (including preparation of FAA Form 7460)            | No  |
|   | Negotiation of Lease and other Matter for Shared Locations           | Yes |
|   | Prepare or Review FCC Form 399 for Reimbursement                     | Yes |
|   |  |     |

|                                      |  |  |
|--------------------------------------|--|--|
|                                      | Address transition timing and coordination issues w/ other stations and wireless providers | No   |
| <b>RF Field Engineering Services</b> | Comprehensive coverage verification via field study  | No   |
|                                      | RF exposure measurements   | No   |
|                                      | Additional Field Engineering Service   | Yes  |
|                                      | Number of Days   | 1  |
|                                      | Justification  | Electrical sweep to evaluate suitability of antenna and line on repack channel. 6400 Sweep and tower climber to optimize Ant /line for repack channel. 6400 plus 3000. |

**Outside Other Professional Services Expenses Not Listed**

| <b>Services Costs</b>     |   |
|---------------------------|---|
| <b>Name</b>               | <b>Description</b>  |
| <b>Progress Reporting</b> | Prepare and file 10 required progress reports on FCC Form 2100, Schedule 387 on a quarterly basis with the FCC. |

## 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   | No       |
|                                     | BLM or NFS Coordination  | No       |
|                                     | FCC Construction Permit Minor Change   | No       |
|                                     | FCC License to Cover Application   | No       |
|                                     | FCC Special Temporary Authority Application  | No       |
| <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?  | No       |
|                                     | Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?     | No       |
|                                     | Does this relocation require MVPD Notification of a Channel Change?  | Yes      |

|                       |   |
|-----------------------|---|
| <b>Other Expenses</b> | <b>Other Expenses Not Listed</b><br>Information not provided. |
|-----------------------|---|

## 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 |
|----------------------------------|-----------------------------|----------------|--|--------------|---------------------------|
| Primary Transmitter MPTV-PRLX-U4 | \$425,353.00                | \$411,853.00   |  | \$191,947.10 |                           |
| Coolant                          | <i>\$1,000.00</i>           | \$1,000.00     | The coolant used for the transmitter heat exchanger is not included in the transmitter price | N/A          | N/A                       |
| Remote Control Interface         | <i>\$2,205.00</i>           | \$2,205.00     | License required to interface transmitter into current remote control system                 | N/A          | N/A                       |
| Rigid Coax Line                  | <i>\$2,600.00</i>           | \$2,600.00     | Rigid interconnection coax lines from transmitter to filter to antenna switch.               | \$1,300.00   | N/A                       |



|   |                    |              |   |              |     |
|---|--------------------|--------------|---|--------------|-----|
| UHF -<br>Liquid<br>Cooled<br>Solid State<br>Transmitter<br>4.9 . 6.5<br>kW  | \$273,500.00       | \$260,000.00 | Current<br>transmitter is<br>not supported<br>for a channel<br>change. See<br>attached<br>Transmitter<br>Replace<br>justification<br>letter from<br>manufacturer.<br>An increase of<br>power is part a<br>multi-station<br>agreement<br>provided to the<br>FCC to<br>accommodate<br>moving WETA<br>to channel 31. | \$130,000.00 | N/A |
| Other<br>Electrical<br>Service:<br>Electrical<br>contractor<br>to connect<br>transmitter<br>into<br>existing<br>electrical<br>panel and<br>wire heat<br>exchanger<br>into<br>transmitter.<br>Includes<br>material<br>and labor. | <b>\$14,200.00</b> | \$14,200.00  | Electrical<br>contractor to<br>connect<br>transmitter into<br>existing<br>electrical panel<br>and wire heat<br>exchanger into<br>transmitter.<br>Includes<br>material and<br>labor. See<br>attached<br>electrical quote   | N/A          | N/A |

|                              |                    |             |  |             |     |
|------------------------------|--------------------|-------------|--|-------------|-----|
| 12-Pole<br>Mask Filter       | <b>\$91,463.00</b> | \$91,463.00 | Sharp tuned<br>mask filter to<br>further protect<br>adjacent<br>channel Class<br>A WMJF-CD,<br>Ch. 23 and<br>WMPT, Ch 21.<br>Part of a multi-<br>party<br>resolution<br>provided to the<br>FCC to<br>accommodate<br>moving WETA<br>to channel 31 . | \$45,731.50 | N/A |
| Site<br>Design<br>and Survey | <b>\$15,300.00</b> | \$15,300.00 | Incorporates<br>all aspects of<br>the transmitter<br>room design,<br>including<br>power<br>distribution<br>requirements,<br>equipment<br>placement, RF<br>system layout,<br>plumbing, and<br>remote control.                                       | \$2,373.10  | N/A |
| Motorized<br>Switch          | <b>\$18,110.00</b> | \$18,110.00 | Electric<br>actuated<br>switch to<br>switch main<br>/auxiliary<br>transmitters<br>into antenna.<br>Current<br>transmitter has<br>this capability<br>but switch<br>cannot be<br>moved as it is<br>in pre-repack<br>service.                         | \$9,055.00  | N/A |

|  |                     |                     |  |                     |     |
|--|---------------------|---------------------|--|---------------------|-----|
| Bag Filter   | <b>\$6,975.00</b>   | \$6,975.00          | Bag type water filtration for heat exchanger system. Current pre-repack cooling system has this filtering.   | \$3,487.50          | N/A |
| <b>Auxiliary Transmitter MPTV-PRLX-U4</b>                | <b>\$316,905.00</b> | <b>\$272,255.00</b> |  | <b>\$127,425.00</b> |     |
| Rigid Coax Line  | <b>\$2,600.00</b>   | \$2,600.00          | Rigid interconnection coax lines from transmitter to filter to antenna switch.   | \$1,300.00          | N/A |
| UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW | \$273,500.00        | \$228,850.00        | Current transmitter is not supported for a channel change. See attached Transmitter Replace justification letter from manufacturer. An increase of power is part a multi-station agreement provided to the FCC to accommodate moving WETA to channel 31. | \$122,637.50        | N/A |

|  |                    |             |   |            |     |
|--|--------------------|-------------|---|------------|-----|
| Other Electrical Service: Electrical contractor to connect transmitter into existing electrical panel and wire heat exchanger into transmitter. Includes material and labor. | <b>\$14,200.00</b> | \$14,200.00 | Electrical contractor to connect transmitter into existing electrical panel and wire heat exchanger into transmitter. Includes material and labor. See attached electrical quote  | N/A        | N/A |
| Motorized Switch   | <b>\$16,425.00</b> | \$16,425.00 | Switches which transmitter will feed the mask filter. This is not an upgrade as station uses a motorized switch. Current switch can't be utilized and have station remain on-air. | N/A        | N/A |
| Bag Filter   | <b>\$6,975.00</b>  | \$6,975.00  | N/A   | \$3,487.50 | N/A |
| Coolant  | <b>\$1,000.00</b>  | \$1,000.00  | The coolant used for the transmitter heat exchanger is not included in the transmitter price  | N/A        | N/A |
| Remote Control Interface   | <b>\$2,205.00</b>  | \$2,205.00  | License required to interface transmitter into current remote control system  | N/A        | N/A |

|                              |              |              |     |              |     |
|------------------------------|--------------|--------------|-----|--------------|-----|
| <b>Sub-total</b>             | \$742,258.00 | \$684,108.00 | N/A | \$319,372.10 | N/A |
| <b>Total for all systems</b> | \$902,088.00 | \$837,478.00 | N/A | \$332,494.85 | N/A |

## Components

| <b>Actual Information</b>  |  |
|--|--|
| <b>Description</b>   | <b>File Name</b>   |
| Coolant  | Information not provided.  |
| Remote Control Interface   | Information not provided.  |
| Rigid Coax Line  | <p><b>Component Description:</b> 20' coax sections primary line 2.4 on main 50 % deposit</p> <p><b>Amount:</b> \$1,300.00</p>  |
| UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW   | <p><b>Component Description:</b> 50% deposit for Lines 1,2 and 3 on invoice. 11447. System components with installation and check out &amp; proof</p> <p><b>Amount:</b> \$130,000.00</p> |
| Other Electrical Service: Electrical contractor to connect transmitter into existing electrical panel and wire heat exchanger into transmitter. Includes material and labor. | Information not provided.  |
| 12-Pole Mask Filter  | <p><b>Component Description:</b> 12 pole design. Item 2.5 on quote</p> <p><b>Amount:</b> 50% deposit \$45,731.50</p>   |

|  |   |
|--|---|
| Site Design and Survey                                   | <div> <b>Component Description:</b> Sweep of antenna system WMPB Baltimore </div> <div> <b>Amount:</b> \$2,373.10 </div>  |
| Motorized Switch   | <div> <b>Component Description:</b> Motorized switch for main. 50% deposit. line 2.6 </div> <div> <b>Amount:</b> \$9,055.00 </div>  |
| Bag Filter   | <div> <b>Component Description:</b> bag filter for Main xmtr. 50 % deposit upon ordering. line 2.3 </div> <div> <b>Amount:</b> \$3,487.50 </div>  |
| Rigid Coax Line  | <div> <b>Component Description:</b> 20' coax section for auxiliary line 2.4 on quote 50% deposit </div> <div> <b>Amount:</b> \$1,300.00 </div>  |
| UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW | <div> <b>Component Description:</b> lines 1-1.17 on quote. for auxiliary unit. 50% deposit </div> <div> <b>Amount:</b> \$114,425.00 </div> <div> <b>Component Description:</b> Motorized Switch line2.5 on quote. 50% deposit </div> <div> <b>Amount:</b> \$8,212.50 </div> |

|   |   |
|---|---|
| Other Electrical Service:<br>Electrical contractor to connect transmitter into existing electrical panel and wire heat exchanger into transmitter. Includes material and labor. | Information not provided.   |
| Motorized Switch  | Information not provided.   |
| Bag Filter  | <div> <div> <b>Component Description:</b> </div> <div> line 2.3 on quote<br/>for auxiliary unit<br/>bag filter 50%<br/>deposit </div> </div> <div> <div> <b>Amount:</b> </div> <div> \$3,487.50 </div> </div> |
| Coolant   | Information not provided.   |
| Remote Control Interface  | Information not provided.   |

**Cost Information**      **Antennas**  
Information not provided.

**Cost Information**      **Transmission Line**  
Information not provided.

**Cost Information**      **Tower Equipment and Rigging Costs**  
Information not provided.

**Cost Information**      **Outside Professional Services**

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

| Description                   | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification  | Actual Cost | Actual Cost Justification |
|-------------------------------|-----------------------------|----------------|---|-------------|---------------------------|
| Outside Professional Services | \$108,960.00                | \$107,050.00   |   | \$3,962.75  |                           |
| Progress Reporting            | <i>\$35,000.00</i>          | \$35,000.00    | Prepare and file 10 required progress reports on FCC Form 2100, Schedule 387 on a quarterly basis with the FCC. | \$551.75    | N/A                       |



|   |                    |             |  |            |     |
|---|--------------------|-------------|--|------------|-----|
| Additional Field Engineering Service, 1 Days  | <b>\$15,800.00</b> | \$15,800.00 | Electrical sweep to evaluate suitability of antenna and line on repack channel.<br>\$6400 Sweep and tower climber to optimize Ant /line for repack channel.<br>\$6400 plus \$3000.                 | \$3,000.00 | N/A |
| Attorney Fees - Negotiation of lease and other matters for shared locations         | \$4,210.00         | \$5,000.00  | Fees related to multi-party resolution agreement with Maryland Public TV, WETA and HME Equity Fund II, LLC. Involved several stations moving channels to accommodate WETA moving from ch 14 to 31. | \$126.00   | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application | \$2,365.00         | \$2,250.00  | N/A  | N/A        | N/A |

|   |              |              |     |              |     |
|---|--------------|--------------|-----|--------------|-----|
| Attorney Fees<br>- Prepare and<br>File FCC Form<br>2100 (main),<br>Construction<br>Permit<br>Application  | \$5,260.00   | \$5,000.00   | N/A | \$285.00     | 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 | N/A          | N/A |
| Prepare<br>engineering<br>section of FCC<br>Form 2100<br>(main),<br>Construction<br>Permit<br>Application | \$3,155.00   | \$3,000.00   | N/A | N/A          | N/A |
| Prepare and<br>or review<br>reimbursement<br>form   | \$2,630.00   | \$2,500.00   | N/A | N/A          | N/A |
| Project<br>management<br>of the transition  | \$31,600.00  | \$30,000.00  | N/A | N/A          | N/A |
| Perform<br>engineering<br>study for new<br>channel<br>assignment<br>and antenna<br>development            | \$7,360.00   | \$7,000.00   | N/A | N/A          | N/A |
| <b>Sub-total</b>  | \$108,960.00 | \$107,050.00 | N/A | \$3,962.75   | N/A |
| <b>Total for all<br/>systems</b>  | \$902,088.00 | \$837,478.00 | N/A | \$332,494.85 | N/A |

## Components

| Actual Information<br>Description | File Name  |
|-----------------------------------|--|
| Progress Reporting                | <div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Progress Reporting for Repacking Project for WMPB</div> <div>\$142.50</div> </div>                  |
|                                   | <div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Legal fees associated with the repacking project</div> <div>\$79.50</div> </div>                    |
|                                   | <div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Legal Fees associated with Progress Reporting for Repacking Project</div> <div>\$31.50</div> </div> |
|                                   | <div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Legal fees associated with the repacking project</div> <div>\$104.50</div> </div>                   |
|                                   | <div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Legal fees associated with the Repacking Project</div> <div>\$104.50</div> </div>                   |
|                                   | <div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Additional items for other locations and other MPT issues.</div> <div>\$89.25</div> </div>          |

|  |   |
|--|---|
| Additional Field Engineering Service, 1 Days   | <b>Component Description:</b> sweep of existing antenna system at WMPB<br><b>Amount:</b> \$3,000.00               |
| Attorney Fees - Negotiation of lease and other matters for shared locations            | <b>Component Description:</b> reimbursement for just the owings mill location WMPB.<br><b>Amount:</b> \$126.00    |
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application     | Information not provided.   |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | <b>Component Description:</b> Legal fees for filing form 399/2100<br>Page 7 of invoice<br><b>Amount:</b> \$285.00 |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application      | Information not provided.   |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application   | Information not provided.   |
| Prepare and or review reimbursement form   | Information not provided.   |
| Project management of the transition   | Information not provided.   |
| Perform engineering study for new channel assignment and antenna development           | Information not provided.   |

## Cost Information

### Other Expenses

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

| Description  | Predetermined Cost Estimate | Estimated Cost     | Estimated Cost Justification  | Actual Cost       | Actual Cost Justification |
|--|-----------------------------|--------------------|---|-------------------|---------------------------|
| <b>Other Expenses</b>  | <b>\$50,870.00</b>          | <b>\$46,320.00</b> |   | <b>\$9,160.00</b> |                           |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <i>\$20,000.00</i>          | \$20,000.00        | Applicant will be required to dispose of the current transmission line and transmitter and heavy oil filled high voltage power supplies. These cannot be disposed of in a typical landfill. | N/A               | N/A                       |
| DTV Medical Facility Notification  | \$11,550.00                 | \$7,000.00         | N/A   | N/A               | N/A                       |
| Equipment Delivery and Handling Charges                                  | <i>\$18,320.00</i>          | \$18,320.00        | Transmitter shipping and offloading. See transmitter quote options.   | \$9,160.00        | N/A                       |

|  |                   |              |  |              |     |
|--|-------------------|--------------|--|--------------|-----|
| MVPD<br>Notification<br>of Channel<br>Change | <b>\$1,000.00</b> | \$1,000.00   | Notification<br>will need to<br>be made to<br>MVPD's as<br>required.<br>Applicant to<br>explore<br>using an<br>outside firm<br>to determine<br>which<br>facilities will<br>need to be<br>notified and<br>send the<br>appropriate<br>notification<br>letters. | N/A          | N/A |
| <b>Sub-total</b>                             | \$50,870.00       | \$46,320.00  | N/A  | \$9,160.00   | N/A |
| <b>Total for<br/>all systems</b>             | \$902,088.00      | \$837,478.00 | N/A  | \$332,494.85 | N/A |

## Components

| Actual Information   |                           |
|--|---------------------------|
| Description  | File Name                 |
| Disposal Costs (for<br>equipment and other waste,<br>net of any salvage value) | Information not provided. |
| DTV Medical Facility<br>Notification   | Information not provided. |

|   |   |
|---|---|
| Equipment Delivery and Handling Charges | <div data-bbox="711 174 1378 327"> <p><b>Component Description:</b> Transmitter system transportation.<br/>50% deposit</p> <p><b>Amount:</b> \$2,330.00</p> </div> <div data-bbox="711 434 1378 586"> <p><b>Component Description:</b> line 2.2 on auxiliary offloading 50% deposit</p> <p><b>Amount:</b> \$2,250.00</p> </div> <div data-bbox="711 694 1334 801"> <p><b>Component Description:</b> Offloading 50% deposit</p> <p><b>Amount:</b> \$2,250.00</p> </div> <div data-bbox="711 909 1378 1102"> <p><b>Component Description:</b> line 2.1 auxiliary transmitter system transportation 50 % deposit</p> <p><b>Amount:</b> \$2,330.00</p> </div> |
| MVPD Notification of Channel Change     | Information not provided.   |

|                         |                              |                                    |                       |
|-------------------------|------------------------------|------------------------------------|-----------------------|
| <b>Cost Information</b> | <b>Grand Total</b>           |                                    |                       |
|                         |                              | <b>Predetermined Cost Estimate</b> | <b>Estimated Cost</b> |
|                         |                              |                                    | <b>Actual Cost</b>    |
|                         | <b>Total for all systems</b> | \$902,088.00                       | \$837,478.00          |
|                         |                              |                                    | \$332,494.85          |

|                             |  |                 |
|-----------------------------|--|-----------------|
| <b>Reimbursement Status</b> | <b>Question</b>  | <b>Response</b> |
|                             | 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>Tammy Conrad</b><br/> <i>Fiscal Accounts Clerk</i></p> <p>12/19/2018</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>Tammy Conrad</b><br/> <i>Fiscal Accounts Clerk</i></p> <p>12/19/2018</p> |

## Attachments