

Federal Communications Commission

### (REFERENCE COPY - Not for submission)

### FCC Form 399: Reimbursement Request

|                |          |              | -     |      |                   |
|----------------|----------|--------------|-------|------|-------------------|
| Facility       | 71325    | Service: DTV | Call  | WDBB | Channel: 14 (UHF) |
| ID:            |          |              | Sign: |      |                   |
| File           | 000002   | 8866         |       |      |                   |
| Number:        |          |              |       |      |                   |
| FRN: <b>00</b> | 04999660 | Date         | 08/30 |      |                   |
|                |          | Submitted:   | /2017 |      |                   |

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

#### Applicant Information

| Applicant  | Address  | Phone                       | Email                                 | Applicant<br>Type |
|--|--|-----------------------------|---------------------------------------|-------------------|
| WDBB-TV,<br>INC.<br>Doing<br>Business<br>As: WDBB-<br>TV, INC. | Lisa Asher<br>2000 W.<br>41ST<br>STREET<br>BALTIMORE,<br>MD 21211<br>United States | +1<br>(410)<br>662-<br>9688 | LAsher@cunninghambroadcasting.<br>com | Corporation       |

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

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

| Preparer               | Preparer Contact Name and Information             |  |                       |                                |  |
|------------------------|---|--|-----------------------|--------------------------------|--|
| Contact<br>Information | Applicant   | Address  | Phone                 | Email                          |  |
|                        | Paul A. Cicelski ,<br>Esq .<br>Lerman Senter PLLC | Paul A. Cicelski,<br>Esq.<br>2001 L Street, NW<br>Suite 400<br>Washington, DC<br>20036 | +1 (202) 416-<br>6756 | pcicelski@lermansenter.<br>com |  |
|                        |   | United States  |                       |                                |  |

| Broadcaster                              | Question   | Response       |
|--|--|----------------|
| Information<br>and<br>Transition<br>Plan | Will the station be sharing equipment with<br>another broadcast television station or<br>stations (e.g., a shared antenna, co-location<br>on a tower, use of the same transmitter<br>room, multiple transmitters feeding a<br>combiner, etc.)? If yes, enter the facility ID's<br>of the other stations and click 'prefill' to<br>download those stations' licensing<br>information. | Νο             |
|  | Briefly describe transition plan   | See Exhibit A. |

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

| Primary     | Existing Transmitter Information    |  |                          |  |  |  |
|-------------|-------------------------------------|--|--------------------------|--|--|--|
| Transmitter | Section                             | Question   | Response                 |  |  |  |
|             | Existing Transmitter<br>Description | Type of change   | Purchase<br>New          |  |  |  |
|             |                                     | Use  | Primary<br>(Main)        |  |  |  |
|             |                                     | Description of Use   | N/A                      |  |  |  |
|             |                                     | Ownership  | Leased                   |  |  |  |
|             |                                     | Owner  | WTTO, Inc.               |  |  |  |
|             |                                     | Site   | N/A                      |  |  |  |
|             |                                     | Is this transmitter currently shared with another station? | No                       |  |  |  |
|             |                                     | Is this transmitter currently in operating condition?      | Yes                      |  |  |  |
|             | Existing Transmitter                | Manufacturer   |                          |  |  |  |
|             | Manufacturer and Type               | Model  | Quantum                  |  |  |  |
|             |                                     | Year   | 2002                     |  |  |  |
|             |                                     | Туре   | Inductive<br>Output Tube |  |  |  |
|             |                                     | IOT Power Type   | Single                   |  |  |  |
|             |                                     | Power Capacity   | 30 kW                    |  |  |  |

#### **Existing Transmitter Information**

| Primary     | New Transmitter Costs |   |   |  |  |  |
|-------------|-----------------------|---|---|--|--|--|
| Transmitter | Section               | Question                                  | Response  |  |  |  |
|             | New Transmitter       | Use                                       | Primary<br>(Main)   |  |  |  |
|             |                       | Change Type                               | Purchase<br>New   |  |  |  |
|             |                       | Is this a request for upgraded equipment? | Yes   |  |  |  |
|             |                       | Manufacturer                              |   |  |  |  |
|             |                       | Model                                     | ULXTE-30  |  |  |  |
|             |                       | Transmitter Type                          | Solid State   |  |  |  |
|             |                       | Solid State Cooling                       | Liquid Cooled   |  |  |  |
|             |                       | Solid State Power capacity                | 17.7 kW   |  |  |  |
|             |                       | Justification for New Transmitter         | Per the<br>manufacturer,<br>the current<br>transmitter<br>cannot be<br>retuned. See<br>Exhibit B. |  |  |  |

| Primary     | Other Transmitter Costs |                                       |            |  |  |  |
|-------------|-------------------------|---------------------------------------|------------|--|--|--|
| Transmitter | Section                 | Question                              | Response   |  |  |  |
|             | Electrical Service      | Service Entrance (3 phases 800A 208V) | No         |  |  |  |
|             |                         | Switchgear (industrial 800 amp)       | Yes        |  |  |  |
|             |                         | Transformer (480V)                    | Yes        |  |  |  |
|             |                         | Power                                 | 300 kVA    |  |  |  |
|             |                         | Rigid Conduit and Wiring              | Yes        |  |  |  |
|             |                         | Size                                  | 2 inches   |  |  |  |
|             |                         | Length                                | 800.0 feet |  |  |  |
|             |                         | Other Electrical Service              | No         |  |  |  |
|             |                         |                                       |            |  |  |  |

|   | Description  | N/A |
|---|--|-----|
| HVAC Service  | Does the replacement transmitter require HVAC Service?                                       | No  |
|   | Туре   | N/A |
|   | Size   | N/A |
|   | Other Size   | N/A |
| Transmitter Building<br>Addition/Modification or<br>Leasehold Improvement | Does the Transmitter Building require an addition, modification, other leashold improvement? | No  |
|   | Size   | N/A |
| Channel 14 Costs  | Is an RF Consulting Engineer needed?   | N/A |
|   | Is a channel 14 Mask Filer needed?   | N/A |
|   | Is additional field engineering time needed?   | N/A |
|   | Number of Days   | 10  |

#### Other Transmitter Cost Not Listed

Primary Other Transmitter Co Transmitter Information not provided.

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

| Primary | Existing Antenna Information    |  |                    |  |  |  |
|---------|---------------------------------|--|--------------------|--|--|--|
| Antenna | Section                         | Question   | Response           |  |  |  |
|         | Existing Antenna<br>Description | Type of change   | Purchase<br>New    |  |  |  |
|         |                                 | 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? | No                 |  |  |  |
|         |                                 | Is the existing antenna directional?                             | Yes                |  |  |  |
|         |                                 | Is antenna in operating condition?                               | Yes                |  |  |  |
|         |                                 | Is antenna located on or in close proximity to an antenna farm?  | No                 |  |  |  |
|         | Existing Antenna                | Class  | Full Power         |  |  |  |
|         | Manufacturer and Type           | Mounting   | Top Mount          |  |  |  |
|         |                                 | Antenna position in stack  | Not in Stack       |  |  |  |
|         |                                 | Polarization   | Horizontal         |  |  |  |
|         |                                 | Туре   | Slotted<br>Coaxial |  |  |  |
|         |                                 | Number of Stations Supported                                     | N/A                |  |  |  |
|         |                                 | Number of Panels   | N/A                |  |  |  |
|         |                                 | Design power capacity in use                                     | N/A                |  |  |  |
|         |                                 | Lower Limit  | N/A                |  |  |  |
|         |                                 | Upper Limit  | N/A                |  |  |  |
|         |                                 | Other Antenna Type   | N/A                |  |  |  |
|         |                                 | ERP: (Effective Radiated Power)                                  | 350.0 kW           |  |  |  |
|         |                                 |  |                    |  |  |  |

| Manufacturer |                             |
|--------------|-----------------------------|
| Model        | TFU-<br>26ETT-R<br>CT160 DC |
| Year         | 2004                        |

| Primary | New Antenna Costs                     |  |                    |  |
|---------|---------------------------------------|--|--------------------|--|
| Antenna | Section                               | Question   | Response           |  |
|         | New Antenna Description               | Use  | Primary<br>(Main)  |  |
|         |                                       | Description of Use   | N/A                |  |
|         |                                       | Change Type  | Purchase<br>New    |  |
|         |                                       | Is this a request for upgraded equipment?                            | Yes                |  |
|         |                                       | Ownership  | Owned              |  |
|         |                                       | Owner  | N/A                |  |
|         |                                       | Is antenna shared?   | No                 |  |
|         |                                       | Is antenna directional?  | Yes                |  |
|         |                                       | Will antenna be located on or in close proximity to an antenna farm? | No                 |  |
|         | New Antenna<br>Manufacturer and Types | Class  | Full Power         |  |
|         |                                       | Mounting   | Top Mount          |  |
|         |                                       | Antenna position in stack  | Not in Stack       |  |
|         |                                       | Polarization   | Elliptical         |  |
|         |                                       | Туре   | Slotted<br>Coaxial |  |
|         |                                       | Number of Stations Supported   | N/A                |  |
|         |                                       | Number of Panels/Bays  | N/A                |  |
|         |                                       | Lower Limit  | N/A                |  |
|         |                                       | Upper Limit  | N/A                |  |
|         |                                       | Design power capacity in use   | N/A                |  |
|         |                                       | Other Antenna Type   | N/A                |  |
|         |                                       | ERP: (Effective Radiated Power)                                      | 317.0 kW           |  |
|         |                                       | Manufacturer   |                    |  |
|         |                                       |  |                    |  |

| Model                         | TFU-24ET<br>/VP-R<br>CT160   |
|-------------------------------|--|
| Year                          | 2017   |
| Justification for New Antenna | Old<br>antenna is<br>a single<br>channel<br>antenna<br>that cannot<br>be used for<br>the new<br>post-<br>auction<br>channel. |

### Primary Other Antenna Costs

| Antenna |                                |   |                            |
|---------|--------------------------------|---|----------------------------|
|         | Section                        | Question  | Response                   |
|         | Combiner for Shared<br>Antenna | Do you need a Combiner for a Shared Antenna?  | No                         |
|         |                                | Туре  |                            |
|         |                                | Number of channels supported  | N/A                        |
|         |                                | Frequencies of channels supported   | N/A                        |
|         |                                | Frequency   | N/A                        |
|         |                                | Do you need a combiner output splitter /switcher for dual feed lines?                 | N/A                        |
|         | Elbow Complex                  | Do you require the separate purchase of the Elbow Complex?                            | Yes                        |
|         |                                | Broadband or Single Channel?  | Single<br>Channel          |
|         |                                | Feed Line Size  | 8 3/16<br>inches<br>inches |
|         | Side Mount Brackets            | Do you require the separate purchase of side mount brackets for a high power antenna? | No                         |

| Pattern Scatter Analysis | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | No  |
|--------------------------|---|-----|
| Sweep Test               | Do you require the sweep testing of transmission line and antenna?  | Yes |

# Primary<br/>AntennaOther Antenna Cost Not ListedInformation not provided.

| Interim | New Antenna Costs       |  |                    |  |
|---------|-------------------------|--|--------------------|--|
| Antenna | Section                 | Question   | Response           |  |
|         | New Antenna Description | Use  | Interim            |  |
|         |                         | Description of Use   | N/A                |  |
|         |                         | Change Type  | Purchase<br>New    |  |
|         |                         | Ownership  | Owned              |  |
|         |                         | Owner  | N/A                |  |
|         |                         | Is antenna shared?   | No                 |  |
|         |                         | Is antenna directional?  | Yes                |  |
|         |                         | Will antenna be located on or in close proximity to an antenna farm? | No                 |  |
|         | New Antenna             | Class  | Full Power         |  |
|         | Manufacturer and Type   | Mounting   | Side Mount         |  |
|         |                         | Antenna position in stack  | Not in Stack       |  |
|         |                         | Polarization   | Elliptical         |  |
|         |                         | Туре   | Broadband<br>Panel |  |
|         |                         | Number of Stations Supported   | 1                  |  |
|         |                         | Number of Panels/Bays  | 8                  |  |
|         |                         | Lower Limit  | 470.00 MHz         |  |
|         |                         | Upper Limit  | 598.00 MHz         |  |
|         |                         | Design power capacity in use   | 100.0 %            |  |
|         |                         | Other Antenna Type   | N/A                |  |
|         |                         | ERP: (Effective Radiated Power)                                      | 100.0 kW           |  |
|         |                         | Manufacturer   |                    |  |
|         |                         | Model  | TFU-8WB-<br>1-R    |  |
|         |                         | Year   | 2017               |  |
|         |                         |  |                    |  |

| Justification for New Antenna | Interim       |
|-------------------------------|---------------|
|                               | antenna to    |
|                               | be used to    |
|                               | stay on the   |
|                               | air while the |
|                               | main          |
|                               | antenna       |
|                               | undergoes     |
|                               | construction  |
|                               | for the post  |
|                               | auction       |
|                               | channel       |
|                               | change.       |

#### Other Antenna Costs

#### Interim Antenna

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

### Interim Other Antenna Cost Not Listed

Antenna Information not provided.

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

### Existing Transmission Line Primary Existing Transmission

| mission | Section                                   | Question   | Response             |
|---------|---|--|----------------------|
|         | Existing Transmission<br>Line Description | Type of change   | Utilize<br>Existing  |
|         |   | Use  | Primary<br>(Main)    |
|         |   | Description of Use   | N/A                  |
|         |   | Ownership  | Leased               |
|         |   | Owner  | WTTO, Inc.           |
|         |   | Site   | N/A                  |
|         |   | Is the existing transmission line shared with another station or stations? | No                   |
| -       |   | Is Transmission Line in operating condition?                               | Yes                  |
|         | Existing Transmission                     | Manufacturer   | Dielectric           |
|         | Line Manufacturer and<br>Type             | Туре   | Rigid                |
|         |   | Diameter   | Other                |
|         |   | Other Diameter   | 9 3/16<br>inches     |
|         |   | Segment Length   | 19 1/2<br>inches     |
|         |   | Other Segment Length   | N/A                  |
|         |   | Number of parallel runs  | 1                    |
|         |   | Length   | 2040 feet<br>per run |

#### Other Transmission Line Expenses Not Listed Transmission to provided.

| Interim     | New Transmission Line |   |                     |  |
|-------------|-----------------------|---|---------------------|--|
| Transmissio | n Line<br>Section     | Question                                | Response            |  |
|             | New Transmission Line | Use                                     | Interim             |  |
|             | Costs                 | Description of Use                      | N/A                 |  |
|             |                       | Change Type                             | Purchase<br>New     |  |
|             |                       | Туре                                    | Rigid               |  |
|             |                       | Diameter                                | 4 1/16<br>inches    |  |
|             |                       | Segment Length                          | Broadband           |  |
|             |                       | Other Segment Length                    |                     |  |
|             |                       | Number of parallel runs                 | 1                   |  |
|             |                       | Length                                  | 600 feet<br>per run |  |
|             |                       | Justification for New Transmission Line | NEED                |  |

### Interim Other Transmission Line Expenses Not Listed

Transmission to provided.

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

| marv | Existing | Tower |
|------|----------|-------|
|------|----------|-------|

| Primary | Existing Tower  |   |                      |  |  |  |
|---------|---|---|----------------------|--|--|--|
| Tower   | Section   | Question  | Response             |  |  |  |
|         | Existing Tower<br>Description                             | Type of change  | Modify<br>Existing   |  |  |  |
|         |   | Tower Use   | Primary<br>(Main)    |  |  |  |
|         |   | Description of Use                                      | N/A                  |  |  |  |
|         |   | Ownership   | Leased               |  |  |  |
|         |   | Is this tower consider Complex?                         | No                   |  |  |  |
|         |   | Is this tower currently shared with any other stations? | No                   |  |  |  |
|         |   | One or more FM, AM or TV radio<br>broadcaster(s)        | N/A                  |  |  |  |
|         |   | Others Types of Users                                   | N/A                  |  |  |  |
|         |   | Is tower documented for structural analysis?            | Unknown              |  |  |  |
|         |   | Is tower compliant with Rev G?                          | Unknown              |  |  |  |
|         | Existing Tower Structure<br>Registration                  | Do you have a tower registration number?                | Yes                  |  |  |  |
|         |   | ASR Number  | 1035175              |  |  |  |
|         | Coordinates (NAD83 (<br>North American Datum of<br>1983)) | Latitude (NAD83)  | 33° 28'<br>51.0" N-  |  |  |  |
|         |   | Longitude (NAD83)                                       | 087° 24'<br>03.0" W- |  |  |  |
|         |   | Overall Structure Height                                | 1999.98 feet         |  |  |  |
|         |   | Support Structure Height                                | 1937.97 feet         |  |  |  |
|         |   | Ground Elevation Above Mean Sea Level (AMSL)            | 674.86 feet          |  |  |  |
|         |   |   |                      |  |  |  |

| Structure Type   | TOWER -<br>Free<br>Standing or<br>Guyed<br>Structure |
|------------------|--|
| Tower Owner      | WTTO, INC  |
| Date Constructed | 03/01/1986   |

## Primary Tower Modification Costs

Tower

Tower

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

## Primary Tower Rigging Costs

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

# PrimaryOther Tower Expenses Not ListedTowerInformation not provided.

| Outside<br>Professional | Section  | Question   | Response  |
|-------------------------|--|--|---|
|                         | Services Costs<br>Outside Project<br>Management Services | Do you require outside project management services?                          | Yes   |
|                         |  | Number of Hours  | 470   |
|                         |  | Explanation  | Outside<br>consulting<br>engineering,<br>legal work, and<br>accounting<br>services, as<br>well as project<br>management<br>for regional<br>and<br>comprehensive<br>repack<br>execution. |
|                         | Outside RF consulting<br>Engineering Services            | Perform engineering study for new channel assignment and antenna development | Yes   |
|                         |  | Prepare engineering section of Form FCC<br>Construction Permit Application   | Yes   |
|                         |  | For Auxiliary Facility   | No  |
|                         |  | For Main Facility  | Yes   |
|                         |  | Prepare engineering section of Form FCC<br>License to Cover Application      | Yes   |
|                         |  | For Auxiliary Facility   | No  |
|                         |  | For Main Facility  | Yes   |
|                         |  | Prepare request for Special Temporary<br>Authority                           | Yes   |
|                         |  | Quantity   | 2   |
|                         |  | Do you have Distributed Transmission<br>System engineering services?         | N/A   |
|                         |  | Critical Facility  | N/A   |
|                         |  | Terrain-Shielded Facility  | N/A   |

| Attorney and Other<br>Outside Consulting<br>Services | Prepare and file Form FCC Construction<br>Permit Application                               | Yes |
|--|--|-----|
| Services   | 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<br>Authority   | Yes |
|  | Quantity   | 2   |
|  | NEPA Section 106 environmental review  | Yes |
|  | Environmental Assessment   | Yes |
|  | ASR Modification   | Yes |
|  | FAA Consultation (including preparation of FAA Form 7460)                                  | Yes |
|  | Negotiation of Lease and other Matter for Shared Locations                                 | Yes |
|  | Prepare or Review FCC Form 399 for Reimbursement   | Yes |
|  | Address transition timing and coordination issues w/ other stations and wireless providers | Yes |
| RF Field Engineering<br>Services                     | Comprehensive coverage verification via field study  | Yes |
|  | RF exposure measurements   | No  |
|  | Additional Field Engineering Service   | No  |
|  | Number of Days   | N/A |
|  | Justification  | N/A |

Other Professional Services Expenses Not Listed Professional Services roostsided.

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

### Other Expenses Not Listed

**Expenses** Information not provided.

#### Transmitters

#### Cost Information

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<br>Cost | Actual Cost<br>Justification |
|--|--------------------------------|-------------------|---|----------------|------------------------------|
| Primary<br>Transmitter<br>ULXTE-30                                   | \$1,037,660.00                 | \$964,920.69      |   | \$0.00         |                              |
| Additional field<br>engineering<br>time, 10-30 days                  | \$63,100.00                    | \$60,000.00       | N/A   | N/A            | N/A                          |
| Channel 14<br>Mask Filter  | \$189,500.00                   | \$180,000.00      | N/A   | N/A            | N/A                          |
| RF Consulting<br>Engineer  | \$5,260.00                     | \$5,000.00        | N/A   | N/A            | N/A                          |
| 2" Rigid Conduit<br>and Wiring<br>(Cost per foot)                    | \$20,800.00                    | \$20,000.00       | N/A   | N/A            | N/A                          |
| Transformer 3<br>phase/480v -<br>300 KVA                             | \$36,800.00                    | \$35,000.00       | N/A   | N/A            | N/A                          |
| Switchgear -<br>industrial 800<br>amp                                | \$38,200.00                    | \$36,300.00       | N/A   | N/A            | N/A                          |
| UHF - Liquid<br>Cooled Solid<br>State<br>Transmitter 14.2<br>- 20 kW | \$684,000.00                   | \$628,620.69      | See<br>Response<br>to August<br>28 Inquiry. | N/A            | N/A                          |
| Sub-total  | \$1,037,660.00                 | \$964,920.69      | N/A   | \$0.00         | N/A                          |
| Total for all systems  | \$2,572,516.00                 | \$2,354,980.69    | N/A   | \$0.00         | N/A                          |

#### Components

#### Antennas

#### Cost Information

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<br>Cost | Actual Cost<br>Justification |
|--|--------------------------------|-------------------|---|----------------|------------------------------|
| Interim Antenna<br>TFU-8WB-1-R   | \$143,930.00                   | \$97,864.00       |   | \$0.00         |                              |
| UHF - Lower<br>Power Side<br>Mount, One<br>Station antenna<br>. medium power<br>(50-200 kW),<br>elliptically or<br>circularly<br>polarized | \$103,100.00                   | \$59,064.00       | See<br>Response<br>to August<br>28 Inquiry. | N/A            | N/A                          |
| Side mount<br>brackets for<br>high power<br>antennas (if not<br>included in<br>antenna base<br>cost)                                       | \$23,150.00                    | \$22,000.00       | N/A   | N/A            | N/A                          |
| Elbow complex,<br>broadband, at<br>antenna input,<br>per 4 1/16.<br>feedline (if<br>needed)  | \$10,950.00                    | \$10,400.00       | N/A   | N/A            | N/A                          |
| Sweep test of existing antenna   | \$6,730.00                     | \$6,400.00        | N/A   | N/A            | N/A                          |
| Primary<br>Antenna TFU-<br>24ETT/VP-R<br>CT160   | \$311,480.00                   | \$262,815.00      |   | \$0.00         |                              |

| UHF - High<br>Power Top<br>Mount (200-<br>1000 kW), One<br>station antenna<br>, elliptically or<br>circularly<br>polarized | \$289,500.00   | \$241,915.00   | See<br>Response<br>to August<br>28 Inquiry. | N/A    | N/A |
|--|----------------|----------------|---|--------|-----|
| Elbow complex,<br>single channel,<br>at antenna<br>input, per 8 3<br>/16. feedline (if<br>needed)                          | \$15,250.00    | \$14,500.00    | N/A   | N/A    | N/A |
| Sweep test of existing antenna   | \$6,730.00     | \$6,400.00     | N/A   | N/A    | N/A |
| Sub-total  | \$455,410.00   | \$360,679.00   | N/A   | \$0.00 | N/A |
| Total for all systems  | \$2,572,516.00 | \$2,354,980.69 | N/A   | \$0.00 | N/A |

#### Components

#### **Transmission Line**

#### Cost Information

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<br>Cost | Actual Cost<br>Justification |
|--|--------------------------------|-------------------|---|----------------|------------------------------|
| Interim<br>Transmission<br>Line                              | \$97,800.00                    | \$93,000.00       |   | \$0.00         |                              |
| Rigid<br>Transmission<br>Line - copper, 4<br>1/16" broadband | \$97,800.00                    | \$93,000.00       | See<br>Response<br>to August<br>28 Inquiry. | N/A            | N/A                          |
| Primary<br>Transmission<br>Line                              | \$0.00                         | \$0.00            |   | \$0.00         |                              |
| Sub-total  | \$97,800.00                    | \$93,000.00       | N/A   | \$0.00         | N/A                          |
| Total for all systems  | \$2,572,516.00                 | \$2,354,980.69    | N/A   | \$0.00         | N/A                          |

#### Components

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

#### Cost Information

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<br>Cost | Actual Cost<br>Justification |
|---|--------------------------------|-------------------|------------------------------------|----------------|------------------------------|
| Primary Tower<br>TOWER  | \$657,800.00                   | \$625,000.00      |                                    | \$0.00         |                              |
| Tall Tower<br>(greater than<br>500')  | \$210,500.00                   | \$200,000.00      | N/A                                | N/A            | N/A                          |
| Major tower<br>reinforcement<br>/modifications  | \$421,000.00                   | \$400,000.00      | N/A                                | N/A            | N/A                          |
| Tower mapping<br>for an<br>undocumented<br>/poorly<br>documented<br>tower and<br>preparation of<br>documentation<br>necessary for<br>tower load study | \$26,300.00                    | \$25,000.00       | N/A                                | N/A            | N/A                          |
| Sub-total   | \$657,800.00                   | \$625,000.00      | N/A                                | \$0.00         | N/A                          |
| Total for all systems   | \$2,572,516.00                 | \$2,354,980.69    | N/A                                | \$0.00         | N/A                          |

#### Components

#### **Outside Professional Services**

#### Cost Information

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<br>Cost | Actual Cost<br>Justification |
|--|--------------------------------|-------------------|---|----------------|------------------------------|
| Outside<br>Professional<br>Services  | \$220,150.00                   | \$208,250.00      |   | \$0.00         |                              |
| Attorney Fees -<br>Prepare and File<br>request for<br>Special<br>Temporary<br>Authorization  | \$7,360.00                     | \$7,000.00        | See<br>Response<br>to August<br>28 Inquiry. | N/A            | N/A                          |
| Comprehensive<br>coverage<br>verification via<br>field study, if<br>needed   | \$84,200.00                    | \$80,000.00       | N/A   | N/A            | N/A                          |
| FAA consultant,<br>including cost of<br>preparing FAA<br>Form 7460<br>(Notice of<br>Proposed<br>Construction), if<br>needed for<br>height increase | \$2,105.00                     | \$2,000.00        | N/A   | N/A            | N/A                          |
| ASR<br>modification<br>(prepare FCC<br>Form 854)   | \$2,105.00                     | \$2,000.00        | N/A   | N/A            | N/A                          |
| Environmental<br>Assessment, if<br>triggered by<br>NEPA Section<br>106 review or for<br>certain<br>structures over<br>450 feet                     | \$10,520.00                    | \$10,000.00       | N/A   | N/A            | N/A                          |

| NEPA Section<br>106<br>environmental<br>review, if needed  | \$6,310.00 | \$6,000.00 | N/A | N/A | N/A |
|--|------------|------------|-----|-----|-----|
| Attorney Fees -<br>Negotiation of<br>lease and other<br>matters for<br>shared locations                  | \$4,210.00 | \$4,000.00 | N/A | N/A | N/A |
| Attorney Fees -<br>Prepare and File<br>FCC Form 2100<br>(main), License<br>to Cover<br>Application       | \$2,365.00 | \$2,250.00 | N/A | N/A | N/A |
| Attorney Fees -<br>Prepare and File<br>FCC Form 2100<br>(main),<br>Construction<br>Permit<br>Application | \$5,260.00 | \$5,000.00 | N/A | N/A | N/A |
| Prepare request<br>for Special<br>Temporary<br>Authorization   | \$4,100.00 | \$3,000.00 | N/A | N/A | N/A |
| Prepare<br>engineering<br>section of FCC<br>Form 2100<br>(main), License<br>to 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               | \$3,155.00 | \$3,000.00 | N/A | N/A | N/A |

| Perform<br>engineering<br>study for new<br>channel<br>assignment and<br>antenna<br>development  | \$7,360.00     | \$7,000.00     | N/A | N/A    | N/A |
|---|----------------|----------------|-----|--------|-----|
| Address<br>transition timing<br>and coordination<br>issues w/ other<br>stations and<br>wireless | \$2,630.00     | \$2,500.00     | N/A | N/A    | N/A |
| Prepare and or<br>review<br>reimbursement<br>form   | \$2,630.00     | \$2,500.00     | N/A | N/A    | N/A |
| Project<br>management of<br>the transition  | \$74,260.00    | \$70,500.00    | N/A | N/A    | N/A |
| Sub-total   | \$220,150.00   | \$208,250.00   | N/A | \$0.00 | N/A |
| Total for all systems   | \$2,572,516.00 | \$2,354,980.69 | N/A | \$0.00 | N/A |

#### Components

#### **Other Expenses**

#### Cost Information

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<br>Cost | Actual Cost<br>Justification |
|--|--------------------------------|-------------------|---|----------------|------------------------------|
| Other Expenses   | \$103,696.00                   | \$103,131.00      |   | \$0.00         |                              |
| Develop and air<br>announcement<br>of upcoming<br>channel change                     | \$28,050.00                    | \$28,050.00       | See<br>Response<br>to August<br>28 Inquiry. | N/A            | N/A                          |
| MVPD<br>Notification of<br>Channel Change  | \$5,000.00                     | \$5,000.00        | See Exhibit<br>J.                           | N/A            | N/A                          |
| Equipment<br>Delivery and<br>Handling<br>Charges                                     | \$10,000.00                    | \$10,000.00       | See Exhibit<br>J.                           | N/A            | N/A                          |
| FCC Filing Fees<br>- Special<br>Temporary<br>Authorization<br>request                | \$195.00                       | \$190.00          | N/A   | N/A            | N/A                          |
| FCC Filing Fees<br>- Form 2100<br>license to cover<br>application                    | \$335.00                       | \$325.00          | N/A   | N/A            | N/A                          |
| DTV Medical<br>Facility<br>Notification  | \$11,550.00                    | \$11,000.00       | N/A   | N/A            | N/A                          |
| Local Zoning   | \$20,000.00                    | \$20,000.00       | See Exhibit<br>J.                           | N/A            | N/A                          |
| Disposal Costs<br>(for equipment<br>and other waste,<br>net of any<br>salvage value) | \$28,566.00                    | \$28,566.00       | See<br>Response<br>to August<br>28 Inquiry. | N/A            | N/A                          |
| Sub-total  | \$103,696.00                   | \$103,131.00      | N/A   | \$0.00         | N/A                          |

| Total for all | \$2,572,516.00 | \$2,354,980.69 | N/A | \$0.00 | N/A |
|---------------|----------------|----------------|-----|--------|-----|
| systems       |                |                |     |        |     |

#### Components

| Cost        | Grand Total           |                                |                |             |  |  |
|-------------|-----------------------|--------------------------------|----------------|-------------|--|--|
| Information |                       | Predetermined<br>Cost Estimate | Estimated Cost | Actual Cost |  |  |
|             | Total for all systems | \$2,572,516.00                 | \$2,354,980.69 | \$0.00      |  |  |

| Reimbursem | entestiatus  | Response |
|------------|--|----------|
|            | The facility has ceased operating on its pre-<br>auction channel.  | No       |
|            | Construction of final facilities or all necessary modifications are complete.  | No       |
|            | All receipts for reimbursement have been<br>submitted no further costs are expected to<br>be incurred. Note this will lock the Form 399<br>from further editing and begin close-out<br>procedures with the Fund Administrator. | No       |

| Certification | Section  | Question  | Response |
|---------------|--|---|----------|
|               | Submission of Estimated<br>Expenses Statements | WILLFUL FALSE STATEMENTS ON THIS<br>FORM ARE PUNISHABLE BY FINE AND<br>/OR IMPRISONMENT (U.S. CODE, TITLE<br>18, SECTION 1001), AND/OR<br>REVOCATION OF ANY STATION<br>LICENSE OR CONSTRUCTION PERMIT<br>(U.S. CODE, TITLE 47, SECTION 312(a)<br>(1), AND/OR FORFEITURE (U.S. CODE,<br>TITLE 47, SECTION 503), AND ANY<br>FALSE STATEMENTS COULD SUBJECT<br>THIS ENTITY TO LIABILITY UNDER THE<br>FALSE CLAIMS ACT. |          |
|               |  | <ol> <li>The Authorized<br/>Person signing<br/>below certifies that he<br/>/she is authorized to<br/>submit this TV<br/>Broadcaster<br/>Relocation Fund<br/>Reimbursement<br/>Form on behalf of<br/>the above-named<br/>entity.</li> <li>The above-named</li> </ol>   |          |
|               |  | entity acknowledges<br>that all certifications<br>and attached<br>documentation are<br>considered material<br>representations.  |          |
|               |  | 3. The above-named<br>entity acknowledges<br>the submission of the<br>information herein<br>creates no obligation<br>on the part of the<br>government to pay<br>any amount.   |          |
|               |  |   |          |

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

| 8. The above-named<br>entity certifies that it<br>is in full compliance<br>with all statutes,<br>rules, regulations<br>and governmental<br>requirements for<br>which compliance is<br>a pre-requisite for<br>obtaining the<br>payments herein<br>requested. |                                       |
|---|---------------------------------------|
| I declare, under penalty of perjury, that I am<br>an authorized representative of the above-<br>named applicant for the Authorization(s)<br>specified above.  | Lisa Asher<br>Secretary<br>08/30/2017 |

#### Attachments