Approved by OMB (Office of Management and Budget) 3060-1178

Federal Communications Commission

(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility ID: **25682** | Service: **DTV** | Call Sign: **WGGB-TV** | Channel: **26 (UHF)**

File Number: **0000027910**

FRN: **0018223693** | Date Submitted: **05/02/2019**

## Applicant Information

### Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|---|---|---|---|---|
| **MEREDITH CORPORATION**<br>Doing Business As: MEREDITH CORPORATION | Joshua Pila<br>1716 LOCUST STREET<br>DES MOINES, IA 50309<br>United States | +1 (515) 284-3000 | RegAffairs@meredith.com | 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 |
|---|---|---|---|
| The Preparer is same as the reimbursement contact. | | | |

## 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 | The WGGB repack plan consists of the replacement of main transmitter, addition of a transitional antenna, and new main antenna. It also includes all the analysis, engineering evaluation, electrical systems, tower work and fees. |

## Transmitters

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

## Primary Transmitter

### Existing Transmitter Information

| Section | Question | Response |
|---|---|---|
| **Existing Transmitter Description** | Type of change | Purchase New |
| | Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is this transmitter currently shared with another station? | No |
| | Is this transmitter currently in operating condition? | Yes |
| **Existing Transmitter Manufacturer and Type** | Manufacturer | |
| | Model | Quantum QX D1 |
| | Year | 2002 |
| | Type | Inductive Output Tube |
| | IOT Power Type | Two |
| | Power Capacity | 9.23 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 | Parallax HPTV-PRLX-U7 11kW |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 11 kW |
| | Justification for New Transmitter | The current transmitter is no longer supported and unable to be retuned. A solid state replacement is being proposed and includes enough TPO to support an elliptical antenna. |

## Primary Transmitter

### Other Transmitter Costs

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

| | | |
|---|---|---|
| **Electrical Service** | Service Entrance (3 phases 800A 208V) | No |
| | Switchgear (industrial 800 amp) | Yes |
| | Transformer (480V) | No |
| | Power | N/A |
| | Rigid Conduit and Wiring | No |
| | Size | N/A |
| | Length | N/A |
| | Other Electrical Service | Yes |
| | Description | Costs for onsite electrical work to install transmitter and heat exchanger |
| **HVAC Service** | Does the replacement transmitter require HVAC Service? | No |
| | Type | N/A |
| | Size | N/A |
| | Other Size | N/A |
| **Transmitter Building Addition/Modification or Leasehold Improvement** | Does the Transmitter Building require an addition, modification, other 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 | N/A |

## Primary Transmitter

### Other Transmitter Cost Not Listed

Information not provided.

## Antennas

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

## Primary Antenna

### Existing Antenna Information

| Section | Question | Response |
|---|---|---|
| **Existing Antenna Description** | Type of change | Purchase New |
| | Antenna Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is the existing antenna shared with another station or stations? | No |
| | Is the existing antenna directional? | Yes |
| | Is antenna in operating condition? | Yes |
| | Is antenna located on or in close proximity to an antenna farm? | Yes |
| **Existing Antenna Manufacturer and Type** | Class | Full Power |
| | Mounting | Top Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Horizontal |
| | Type | Slotted Coaxial |
| | Number of Stations Supported | N/A |
| | Number of Panels | N/A |
| | Design power capacity in use | N/A |
| | Lower Limit | N/A |
| | Upper Limit | N/A |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 460.0 kW |
| | | |

| | |
|---|---|
| Manufacturer | |
| Model | ATW25H3-DTC/P-40 |
| Year | 2002 |

## Primary Antenna

### New Antenna Costs

| Section | Question | Response |
|---|---|---|
| **New Antenna Description** | Use | Primary (Main) |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | 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? | Yes |
| **New Antenna Manufacturer and Types** | Class | Full Power |
| | Mounting | Top Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Elliptical |
| | Type | Slotted Coaxial |
| | Number of Stations Supported | N/A |
| | Number of Panels/Bays | N/A |
| | Lower Limit | N/A |
| | Upper Limit | N/A |
| | Design power capacity in use | N/A |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 460.0 kW |
| | Manufacturer | |

| | |
|---|---|
| Model | TFU-20ETT /VP-R S210 |
| Year | 2017 |
| Justification for New Antenna | Old antenna is unable to be retuned forcing a antenna replacement. The new proposed antenna has is an elliptical versus the current antenna is horizontal only |

**Primary Antenna**

### Other Antenna Costs

| Section | Question | Response |
|---|---|---|
| **Combiner for Shared Antenna** | Do you need a Combiner for a Shared Antenna? | No |
| | Type | |
| | 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 Channel |
| | Feed Line Size | 6 1/8 inches inches |

| | | |
|---|---|---|
| **Side Mount Brackets** | Do you require the separate purchase of side mount brackets for a high power antenna? | 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 Antenna

### Other Antenna Cost Not Listed

Information not provided.

## Interim Antenna

### New Antenna Costs

| Section | Question | Response |
|---|---|---|
| **New Antenna Description** | Use | Interim |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Ownership | Owned |
| | Owner | N/A |
| | Is antenna shared? | No |
| | Is antenna directional? | No |
| | Will antenna be located on or in close proximity to an antenna farm? | Yes |
| **New Antenna Manufacturer and Type** | Class | Full Power |
| | Mounting | Side Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Horizontal |
| | Type | Broadband Panel |
| | Number of Stations Supported | 1 |
| | Number of Panels/Bays | 8 |
| | Lower Limit | 460.00 MHz |
| | Upper Limit | 698.00 MHz |
| | Design power capacity in use | 100.0 % |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 250.0 kW |
| | Manufacturer | |
| | Model | TFU-8WB-R C160 |
| | Year | 2017 |

| | | |
|---|---|---|
| | Justification for New Antenna | A interim antenna is required to complete testing and allow channel move. |

**Interim Antenna**

### Other Antenna Costs

| Section | Question | Response |
|---|---|---|
| **Elbow Complex** | Do you require the separate purchase of the Elbow Complex? | No |
| | Broadband or Single Channel? | N/A |
| | Feed Line Size | N/A |
| **Side Mount Brackets** | Do you require the separate purchase of side mount brackets for an 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 |

**Interim Antenna**

### Other Antenna Cost Not Listed

Information not provided.

## Transmission Line

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

## Primary Transmission Line

### Existing Transmission Line

| Section | Question | Response |
|---|---|---|
| **Existing Transmission Line Description** | Type of change | Utilize Existing |
| | Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is the existing transmission line shared with another station or stations? | No |
| | Is Transmission Line in operating condition? | Yes |
| **Existing Transmission Line Manufacturer and Type** | Manufacturer | Andrew |
| | Type | Flexible Air |
| | Diameter | 5 inches |
| | Other Diameter | N/A |
| | Segment Length | N/A |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 175 feet per run |

## Primary Transmission Line

### Other Transmission Line Expenses Not Listed

| Name | Description |
|---|---|
| **Antenna switch** | A feedline switch is required to support switching between main and Interim during tranistion |
| **Test line** | Line to test antenna |
| **Other line** | Line to interconnect current feed line to elbow complex |

## Interim Transmission Line

### New Transmission Line

| Section | Question | Response |
|---|---|---|
| **New Transmission Line Costs** | Use | Interim |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Type | Flexible Air |
| | Diameter | 3 inches |
| | Segment Length | N/A |
| | Other Segment Length | |
| | Number of parallel runs | 1 |
| | Length | 150 feet per run |
| | Justification for New Transmission Line | The line is to support the interim antenna for the main antenna replacement |

## Interim Transmission Line

### Other Transmission Line Expenses Not Listed

Information not provided.

## Tower Equipment And Rigging Costs

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

## Primary Tower

### Existing Tower

| Section | Question | Response |
|---|---|---|
| **Existing Tower Description** | Type of change | Modify Existing |
| | Tower Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | 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 broadcaster(s) | N/A |
| | Others Types of Users | N/A |
| | 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? | Yes |
| | ASR Number | 1018460 |
| **Coordinates (NAD83 ( North American Datum of 1983))** | Latitude (NAD83) | 42° 14' 30.0" N- |
| | Longitude (NAD83) | 072° 38' 55.0" W- |
| | Overall Structure Height | 195.54 feet |
| | Support Structure Height | 149.93 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 1200.12 feet |

| | |
|---|---|
| Structure Type | TOWER - Free Standing or Guyed Structure |
| Tower Owner | SBA Infrastructures, LLC |
| Date Constructed | 09/01/1987 |

**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: | Major Reinforcements needed |

**Primary Tower**

### Tower Rigging Costs

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

**Primary Tower**

### Other Tower Expenses Not Listed

Information not provided.

## Outside Professional Services Costs

| Section | Question | Response |
|---|---|---|
| **Outside Project Management Services** | Do you require outside project management services? | Yes |
| | Number of Hours | 10 |
| | Explanation | Due to small staff sizes and nature of changes a small amount of project management is required to review technical facility plan |
| **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 | 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 | Yes |
| | Quantity | 1 |
| | Do you have Distributed Transmission System engineering services? | N/A |
| | Critical Facility | N/A |
| | Terrain-Shielded Facility | N/A |
| **Attorney and Other Outside Consulting Services** | Prepare and file Form FCC Construction Permit Application | Yes |

| | | |
|---|---|---|
| | For Auxiliary Facility | 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 | Yes |
| | Environmental Assessment | Yes |
| | 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 | Yes |
| **RF Field Engineering Services** | Comprehensive coverage verification via field study | Yes |
| | 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

| Name | Description |
|---|---|

| | |
|---|---|
| **Transmitter Site review** | There is a requirement for transmitter site planning |

## Other Expenses

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

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 Parallax HPTV-PRLX-U7 11kW** | **$545,500.00** | **$441,261.00** | | **$343,564.00** | |
| UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW | $494,500.00 | $392,161.00 | N/A | $343,564.00 | N/A |
| Switchgear - industrial 800 amp | $38,200.00 | $36,300.00 | N/A | N/A | N/A |
| Other Electrical Service: Costs for onsite electrical work to install transmitter and heat exchanger | ***$12,800.00*** | $12,800.00 | Added costs to install transmitter | N/A | N/A |
| **Sub-total** | $545,500.00 | $441,261.00 | N/A | $343,564.00 | N/A |
| **Total for all systems** | $1,896,562.00 | $1,502,688.74 | N/A | $547,018.20 | N/A |

### Components

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

| | | |
|---|---|---|
| UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW | **Component Description:**<br><br>**Amount:** | Invoice covers 100 percent of transmitter, installation and delivery costs for H pol power level<br>$343,564.00 |
| Switchgear - industrial 800 amp | Information not provided. | |
| Other Electrical Service: Costs for onsite electrical work to install transmitter and heat exchanger | 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 |
|---|---|---|---|---|---|
| **Interim Antenna TFU-8WB-R C160** | **$256,130.00** | **$66,300.00** | | **$0.00** | |
| Sweep test of existing antenna | $6,730.00 | $6,400.00 | N/A | $0.00 | N/A |
| UHF â€“ Broadband Panel, Side Mount Auxiliary /Interim, 250 horizontally polarized | ***$59,900.00*** | $59,900.00 | N/A | $0.00 | N/A |
| UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized | $189,500.00 | $0.00 | N/A | N/A | N/A |
| **Primary Antenna TFU-20ETT /VP-R S210** | **$308,530.00** | **$218,561.00** | | **$180,504.90** | |

| | | | | | |
|---|---|---|---|---|---|
| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized | $289,500.00 | $201,863.00 | N/A | $165,476.70 | N/A |
| Sweep test of existing antenna | $6,730.00 | $6,400.00 | N/A | $5,760.00 | N/A |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed) | $12,300.00 | $10,298.00 | N/A | $9,268.20 | N/A |
| **Sub-total** | $564,660.00 | $284,861.00 | N/A | $180,504.90 | N/A |
| **Total for all systems** | $1,896,562.00 | $1,502,688.74 | N/A | $547,018.20 | N/A |

## Components

| Actual Information Description | File Name | |
|---|---|---|
| Sweep test of existing antenna | **Component Description:**<br>**Amount:** | 45 percent of repack sweep<br>$2,880.00 |
| | **Component Description:**<br>**Amount:** | 45 percent of repack sweep<br>$2,880.00 |

| | | |
|---|---|---|
| UHF â€“ Broadband Panel, Side Mount Auxiliary/Interim, 250 horizontally polarized | **Component Description:**<br><br><br><br>**Amount:**<br><br><br><br>**Component Description:**<br><br><br><br>**Amount:** | 45 percent of payment with shipping Antenna shipping 610.20<br>$20,216.25<br><br>45 percent of payment with shipping interim Antenna shipping 610.20<br>$20,216.25 |
| UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized | Information not provided. | |
| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized | **Component Description:**<br><br><br>**Amount:**<br><br><br>**Component Description:**<br><br><br>**Amount:** | 10 percent of antenna ( down Payment )<br>$18,386.30<br><br>80 percent invoice for main WGGB antenna<br>$147,090.40 |
| Sweep test of existing antenna | **Component Description:**<br>**Amount:**<br><br><br>**Component Description:**<br>**Amount:** | 10 percent of repack sweep<br>$640.00<br><br>80 percent of repack sweep<br>$5,120.00 |

| | | |
|---|---|---|
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed) | **Component Description:**<br><br>**Amount:** | 10 percent of repack elbow complex<br>$1,029.80 |
| | **Component Description:**<br><br>**Amount:** | 80 percent of elbow complex for main WGGB antenna<br>$8,238.40 |

## Cost Information

### Transmission Line

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|---|---|---|---|---|
| **Interim Transmission Line** | **$8,850.00** | **$15,534.74** | | **$0.00** | |
| Flexible Air Transmission Line - dielectric, 3" | $8,850.00 | $15,534.74 | Line required longer and more parts than planned | $0.00 | Installation of line required longer and more parts than expected |
| **Primary Transmission Line** | **$39,937.00** | **$39,937.00** | | **$3,453.30** | |
| Other line | ***$1,719.00*** | $1,719.00 | N/A | $1,547.10 | N/A |
| Test line | ***$2,118.00*** | $2,118.00 | Test transition required to sweep antenna | $1,906.20 | N/A |
| Antenna switch | ***$36,100.00*** | $36,100.00 | The antenna switch is required to switch between main and Interim antenna | N/A | N/A |
| **Sub-total** | $48,787.00 | $55,471.74 | N/A | $3,453.30 | N/A |
| **Total for all systems** | $1,896,562.00 | $1,502,688.74 | N/A | $547,018.20 | N/A |

### Components

| Actual Information Description | File Name | |
|---|---|---|
| Flexible Air Transmission Line - dielectric, 3" | **Component Description:**<br>**Amount:** | 45 percent of flexible transmission line<br>$6,990.63 |
| | **Component Description:**<br>**Amount:** | 45 percent of feed line costs<br>$6,990.63 |
| Other line | **Component Description:**<br>**Amount:** | 10 percent invoice RTLSCR675-20 T /L 6-75 EIA length 15' to 20' fixed<br>$171.90 |
| | **Component Description:**<br>**Amount:** | 80 percent of RTLSCR675-20 T /L 6-75 EIA length 15' to 20'<br>$1,375.20 |
| Test line | **Component Description:**<br>**Amount:** | RTT675 ( Other line) Trans Test 6-75<br>$211.80 |
| | **Component Description:**<br>**Amount:** | RTLSCR675 (Other ) Trans test 6-75<br>$1,694.40 |
| Antenna switch | 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 |
|---|---|---|---|---|---|
| **Primary Tower TOWER** | **$531,500.00** | **$530,070.00** | | **$0.00** | |
| Major tower reinforcement /modifications | $421,000.00 | $400,000.00 | N/A | N/A | N/A |
| Short Tower (less than 500') | $84,200.00 | $124,070.00 | This covers the antenna installation costs for both the main antennas and feedline. | N/A | N/A |
| Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study | $26,300.00 | $6,000.00 | N/A | N/A | N/A |
| **Sub-total** | $531,500.00 | $530,070.00 | N/A | $0.00 | N/A |
| **Total for all systems** | $1,896,562.00 | $1,502,688.74 | N/A | $547,018.20 | N/A |

### Components

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** | **$181,775.00** | **$173,045.00** | | **$15,300.00** | |
| Transmitter Site review | ***$15,300.00*** | $15,300.00 | Transmitter install site planning and design is required | $15,300.00 | N/A |
| RF Exposure Measurements | $21,050.00 | $20,000.00 | N/A | N/A | N/A |
| Comprehensive coverage verification via field study, if needed | $84,200.00 | $79,995.00 | N/A | N/A | N/A |
| NEPA Section 106 environmental review, if needed | $6,310.00 | $6,000.00 | N/A | N/A | N/A |
| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application | $4,210.00 | $4,000.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | $5,260.00 | $5,000.00 | N/A | N/A | N/A |

| | | | | | |
|---|---|---|---|---|---|
| Prepare request for Special Temporary Authorization | $2,050.00 | $1,500.00 | N/A | N/A | N/A |
| RF Consulting Engineer Fees-Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application | $1,580.00 | $1,500.00 | N/A | N/A | N/A |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | $1,580.00 | $1,500.00 | N/A | N/A | N/A |
| RF Consulting Engineer Fees-Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application | $2,105.00 | $2,000.00 | N/A | N/A | N/A |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | $3,155.00 | $3,000.00 | N/A | N/A | N/A |
| Project management of the transition | $1,580.00 | $1,500.00 | N/A | N/A | N/A |

| | | | | | |
|---|---|---|---|---|---|
| Prepare and or review reimbursement form | $2,630.00 | $2,500.00 | N/A | N/A | N/A |
| Address transition timing and coordination issues w/ other stations and wireless | $2,630.00 | $2,500.00 | N/A | N/A | N/A |
| Perform engineering study for new channel assignment and antenna development | $7,360.00 | $7,000.00 | N/A | 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 - Negotiation of lease and other matters for shared locations | $4,210.00 | $4,000.00 | 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 |
| Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet | $10,520.00 | $10,000.00 | N/A | N/A | N/A |

| | | | | | |
|---|---|---|---|---|---|
| **Sub-total** | $181,775.00 | $173,045.00 | N/A | $15,300.00 | N/A |
| **Total for all systems** | $1,896,562.00 | $1,502,688.74 | N/A | $547,018.20 | N/A |

## Components

| Actual Information Description | File Name |
|---|---|
| Transmitter Site review | **Component Description:** 100 percent invoice for Design service<br>**Amount:** $15,300.00 |
| RF Exposure Measurements | Information not provided. |
| Comprehensive coverage verification via field study, if needed | Information not provided. |
| NEPA Section 106 environmental review, if needed | Information not provided. |
| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application | Information not provided. |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | Information not provided. |
| Prepare request for Special Temporary Authorization | Information not provided. |
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application | Information not provided. |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | Information not provided. |

| | |
|---|---|
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application | Information not provided. |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | Information not provided. |
| Project management of the transition | Information not provided. |
| Prepare and or review reimbursement form | Information not provided. |
| Address transition timing and coordination issues w/ other stations and wireless | Information not provided. |
| Perform engineering study for new channel assignment and antenna development | Information not provided. |
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application | Information not provided. |
| Attorney Fees - Negotiation of lease and other matters for shared locations | Information not provided. |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | Information not provided. |
| Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet | 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 |
|---|---|---|---|---|---|
| **Other Expenses** | **$24,340.00** | **$17,980.00** | | **$4,196.00** | |
| MVPD Notification of Channel Change | ***$0.00*** | $0.00 | N/A | N/A | N/A |
| Develop and air announcement of upcoming channel change | ***$0.00*** | $0.00 | N/A | N/A | N/A |
| Equipment Delivery and Handling Charges | ***$4,500.00*** | $4,500.00 | Delivery of antennas not in quote | N/A | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | ***$1,650.00*** | $1,650.00 | The cost for construction trash removal | N/A | N/A |
| Non-zoning permits | ***$5,000.00*** | $5,000.00 | N/A | N/A | N/A |
| FCC Filing Fees - Special Temporary Authorization request | $195.00 | $190.00 | N/A | N/A | N/A |
| FCC Filing Fees - Form 2100 license to cover application | $335.00 | $325.00 | N/A | N/A | N/A |

| | | | | | |
|---|---|---|---|---|---|
| DTV Medical Facility Notification | $11,550.00 | $5,245.00 | N/A | $4,196.00 | N/A |
| FCC Filing Fees - Form 2100 minor change CP application | $1,110.00 | $1,070.00 | N/A | N/A | N/A |
| **Sub-total** | $24,340.00 | $17,980.00 | N/A | $4,196.00 | N/A |
| **Total for all systems** | $1,896,562.00 | $1,502,688.74 | N/A | $547,018.20 | N/A |

## Components

| Actual Information Description | File Name |
|---|---|
| MVPD Notification of Channel Change | Information not provided. |
| Develop and air announcement of upcoming channel change | Information not provided. |
| Equipment Delivery and Handling Charges | Information not provided. |
| Disposal Costs (for equipment and other waste, net of any salvage value) | Information not provided. |
| Non-zoning permits | Information not provided. |
| FCC Filing Fees - Special Temporary Authorization request | Information not provided. |
| FCC Filing Fees - Form 2100 license to cover application | Information not provided. |
| DTV Medical Facility Notification | **Component Description:** 100 percent of Medical notification<br>**Amount:** $4,196.00 |

| | |
|---|---|
| FCC Filing Fees - Form 2100 minor change CP application | Information not provided. |

## Cost Information

### Grand Total

| | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
|---|---|---|---|
| **Total for all systems** | $1,896,562.00 | $1,502,688.74 | $547,018.20 |

## 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** | WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT. | |
| | 1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.<br>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.<br>3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount. | |

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

| | | |
|---|---|---|
| | 8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested. | |
| | I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above. | **Larence K Oaks**<br>*Technology Meredith LMG*<br><br>05/02/2019 |

## Attachments