



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **81503** | Service: **DTV** | Call **WMOW** | Channel:
ID: | Sign:
13 (High VHF) | File **0000027497**
Number:
FRN: **0030884985** | Date **06/04**
Submitted: **/2019**

Applicant Information Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|---|--|-------------------|-------------------------|----------------|
| WAOW-WYOW LICENSE, LLC Doing Business As: WAOW-WYOW LICENSE, LLC | P.O. BOX 909 QUINCY, IL 62306 United States | +1 (217) 223-5100 | bdreasler@quincyinc.com | Corporation |

Reimbursement Contact Name and Information

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

Preparer Contact Name and Information

| Applicant | Address | Phone | Email |
|---|--|-------------------|----------------|
| Tony zumMallen <i>QCommunications</i> | Tony zumMallen 705B SE Melody LN #314 Lees Summit, MO 64063 United States | +1 (816) 729-1177 | tony@qcom1.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 | Transition from ch12 to ch13 and will require a new antenna as show by system analysis. A new transmitter and systems will also be required along with interim systems for use in the transition. |

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 | Platinum |
| | Year | 1990 |
| | Type | Solid State |
| | Solid State Cooling | Air Cooled |
| | Solid State Power Capacity | 4 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? | No |
| | Manufacturer | |
| | Model | VAXTE-2R44 |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Air Cooled |
| | Solid State Power capacity | 4.0 kW |
| | Justification for New Transmitter | Existing transmitter is not tunable per transmitter manufacturer, GatesAir. |

Primary Transmitter

Other Transmitter Costs

| Section | Question | Response |
|---------------------------|---------------------------------------|------------|
| Electrical Service | Service Entrance (3 phases 800A 208V) | No |
| | Switchgear (industrial 800 amp) | No |
| | Transformer (480V) | Yes |
| | Power | 300 kVA |
| | Rigid Conduit and Wiring | Yes |
| | Size | 2 inches |
| | Length | 200.0 feet |
| | Other Electrical Service | No |

| | | |
|--|---|--------------|
| | Description | N/A |
| HVAC Service | Does the replacement transmitter require HVAC Service? | Yes |
| | Type | Cooling Only |
| | Size | 25 tons |
| | Other Size | N/A |
| Transmitter Building Addition/Modification or Leasehold Improvement | Does the Transmitter Building require an addition, modification, other leasehold 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

| Name | Description |
|--|---|
| Sales Tax | Sales tax collected by vendors as part of the repack |
| Disconnect existing Transmitter | Disconnect transmitter and components from existing configuration and move within building to make way for new facilities. |
| Transmitter- Training | Transmitter training - offsite - 1 week in duration at mfg site. |
| Security - Site | This site requires security once the new transmission line and equipment arrive on site to be installed. Estimated length of 4-6 weeks. |
| Site Survey - TX | Site survey and report are required to be performed before the new transmitter and components installation plan can be finalized. |

**Interim
Transmitter**

New Transmitter Costs

| Section | Question | Response |
|------------------------|-----------------------------------|---|
| New Transmitter | Use | Interim |
| | Description of Use | N/A |
| | Change Type | Purchase |
| | Manufacturer | |
| | Model | VAXTE-1-R-44 |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Air Cooled |
| | Solid State Power capacity | 1.1 kW |
| | Justification for New Transmitter | Interim facility is required to avoid prolonged period of station silence during transition, and station currently has no aux facility to use for interim operation. Extended silent period during transition to new channel is unreasonable. |

**Interim
Transmitter**

Other Transmitter Costs

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

| | | |
|--|---|-------------------|
| Electrical Service | Service Entrance (3 phases 800A 208V) | No |
| | Switchgear (industrial 800 amp) | No |
| | Transformer (480V) | No |
| | Power | N/A |
| | Rigid Conduit and Wiring | Yes |
| | Size | 2 inches |
| | Length | 200.0 feet |
| | Other Electrical Service | No |
| | Description | N/A |
| 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 leasehold improvement? | Yes |
| | Size | 220.0 square feet |
| Channel 14 Costs | Is an RF Consulting Engineer needed? | N/A |
| | Is a channel 14 Mask Filer needed? | N/A |
| | Is additional field engineering time needed? | N/A |
| | Number of Days | N/A |
| Inside RF System | Is an additional interior RF system required to support this interim transmitter? | Yes |

**Interim
Transmitter**

Other Transmitter Cost Not Listed

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? | No |
| | Is antenna in operating condition? | Yes |
| | Is antenna located on or in close proximity to an antenna farm? | No |
| Existing Antenna Manufacturer and Type | Class | Full Power |
| | Mounting | Side Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Horizontal |
| | Type | Other |
| | 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 | Panel |
| | ERP: (Effective Radiated Power) | 4.0 kW |
| Manufacturer | | |

| | |
|-------|----------------|
| Model | DRV-3-4- HO |
| Year | 2011 |

**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? | No |
| | 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? | No |
| New Antenna Manufacturer and Types | 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 | 12 |
| | Lower Limit | 470.00 MHz |
| | Upper Limit | 698.00 MHz |
| | Design power capacity in use | 80.0 % |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 3.2 kW |
| | Manufacturer | |
| Model | DRV-3-4-HO | |

| | |
|-------------------------------|--|
| Year | 2017 |
| Justification for New Antenna | Channel reassignment requires new antenna. |

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? | Broadband |
| | Feed Line Size | 3 1/8 inches inches |
| Side Mount Brackets | Do you require the separate purchase of side mount brackets for a high power antenna? | Yes |
| Pattern Scatter Analysis | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | Yes |
| Sweep Test | Do you require the sweep testing of transmission line and antenna? | Yes |

**Primary
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 | Purchase New |
| | Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is the existing transmission line shared with another station or stations? | No |
| | Is Transmission Line in operating condition? | Yes |
| Existing Transmission Line Manufacturer and Type | Manufacturer | |
| | Type | Flexible Foam |
| | Diameter | 1 5/8 inches |
| | Other Diameter | N/A |
| | Segment Length | N/A |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 260 feet per run |

**Primary
Transmission
Line**

New Transmission Line

| Section | Question | Response |
|------------------------------------|---|---|
| New Transmission Line Costs | Use | Primary (Main) |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Type | Flexible Foam |
| | Diameter | 1 5/8 inches |
| | Other Diameter | N/A |
| | Segment Length | N/A |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 275 feet per run |
| | Justification for New Transmission Line | Required for new channel assignment operations. |

**Primary
Transmission
Line**

Other Transmission Line Expenses Not Listed

| Name | Description |
|---|---|
| Coax Switch | provide antenna switching from main to interim transmitter during cut-over. |
| Disconnect existing Interior RF components | Disconnect interior RF transmission line and filters from existing configuration and move within the building to make way for new facilities. |

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? | Yes |
| | One or more FM, AM or TV radio broadcaster(s) | No |
| | Others Types of Users | Yes |
| | Is tower documented for structural analysis? | Yes |
| | Is tower compliant with Rev G? | Unknown |
| Existing Tower Structure Registration | Do you have a tower registration number? | Yes |
| | ASR Number | 1051793 |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 45° 34' 23.4" N- |
| | Longitude (NAD83) | 088° 52' 58.7" W- |
| | Overall Structure Height | 299.87 feet |
| | Support Structure Height | 279.85 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 1823.14 feet |

| | |
|------------------|---|
| Structure Type | LTOWER - Lattice Tower |
| Tower Owner | Global Tower, LLC. through American Towers, LLC |
| Date Constructed | 06/08/1998 |

Other Types of Users

Users

Cellular

Primary Tower

Tower Modification Costs

| Section | Question | Response |
|----------------------|--|-----------------------------------|
| Engineering Study | Please what type of engineering study is required, if any: | Study needed for documented tower |
| Tower Reinforcements | Please select whether tower reinforcements are needed: | Minor 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 |
|--|---|--|
| <p>Outside Project Management Services</p> | <p>Do you require outside project management services?</p> | <p>Yes</p> |
| | <p>Number of Hours</p> | <p>394</p> |
| | <p>Explanation</p> | <p>Scope & significance of project (QMI has multiple stations repacked) require outside management services to augment existing internal personnel to assist turnkey management of and ensure timely and safe execution of channel relocation.</p> |
| <p>Outside RF consulting Engineering Services</p> | <p>Perform engineering study for new channel assignment and antenna development</p> | <p>Yes</p> |
| | <p>Prepare engineering section of Form FCC Construction Permit Application</p> | <p>Yes</p> |
| | <p>For Auxiliary Facility</p> | <p>No</p> |
| | <p>For Main Facility</p> | <p>Yes</p> |
| | <p>Prepare engineering section of Form FCC License to Cover Application</p> | <p>Yes</p> |
| | <p>For Auxiliary Facility</p> | <p>No</p> |
| | <p>For Main Facility</p> | <p>Yes</p> |

| | | |
|--|---|-----|
| | Prepare request for Special Temporary Authority | Yes |
| | Quantity | 4 |
| | 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 | 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 | Yes |
| | Quantity | 4 |
| | 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 | Yes | |
| RF Field Engineering 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 |

**Outside
Professional
Services
Costs**

Other Professional Services Expenses Not Listed

| Name | Description |
|-------------------------------|--|
| Quarterly reporting | Preparation and submittal of the FCC required quarterly report 387 by PM and attorney. |
| Vendor Travel Expenses | Reimbursable Vendor Travel expenses for working in the field on behalf of the station for the Repack project - see quote for estimated expenses. |
| General Legal | Legal fees for the the day to day legal issues and inquires of the repack project that are not billable under the standard 399 line items for legal questions. This would cover meetings with the station to review PN's, FCC meeting of rules, etc. |

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 | No |
| | 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? | Yes |
| | Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change? | Yes |
| | Does this relocation require MVPD Notification of a Channel Change? | Yes |

**Other
Expenses**

Other Expenses Not Listed

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 |
|--|-----------------------------|---------------------|------------------------------|-------------------|---------------------------|
| Interim Transmitter VAXTE-1-R-44 | \$271,600.00 | \$260,000.00 | | \$6,074.33 | |
| VHF inside RF system including switching | \$78,900.00 | \$75,000.00 | N/A | \$0.00 | N/A |
| High VHF - Air Cooled Solid State Transmitter 1.1 . 4.4 kW | \$152,500.00 | \$145,000.00 | N/A | N/A | N/A |
| 2" Rigid Conduit and Wiring (Cost per foot) | \$5,200.00 | \$5,000.00 | N/A | N/A | N/A |

| | | | | | |
|---|---------------------|---------------------|---|--------------------|-----|
| Other -- Building Addition Size: 220.0 | <i>\$35,000.00</i> | \$35,000.00 | Existing TX room is 10x10 building. Since this site is a leased site for WMOW to facilitate the interim requires a temporary solution. The solution that Gates Air offers is a transmitter trailer to hold the interim TX. | \$6,074.33 | N/A |
| Primary Transmitter VAXTE-2R44 | \$347,979.86 | \$333,979.86 | | \$38,439.30 | |
| Site Survey - TX | <i>\$15,000.00</i> | \$15,000.00 | Site survey and report are required to be performed before the new transmitter and components installation plan can be finalized. | \$5,000.00 | N/A |

| | | | | | |
|---|---------------------------|-------------|---|------------|-----|
| Security - Site | <i>\$17,500.00</i> | \$17,500.00 | This site requires security once the new transmission line and equipment arrive on site to be installed. Estimated length of 4-6 weeks. | N/A | N/A |
| Transmitter-Training | <i>\$3,300.00</i> | \$3,300.00 | Transmitter training - offsite - 1 week in duration at mfg site. | N/A | N/A |
| Disconnect existing Transmitter | <i>\$20,000.00</i> | \$20,000.00 | Disconnect transmitter and components from existing configuration and move within building to make way for new facilities. | N/A | N/A |
| Sales Tax | <i>\$6,179.86</i> | \$6,179.86 | est sales tax per Gates INV TE10004487-1 | \$2,059.95 | N/A |
| 25 Ton system | \$91,500.00 | \$87,000.00 | N/A | N/A | N/A |
| 2" Rigid Conduit and Wiring (Cost per foot) | \$5,200.00 | \$5,000.00 | N/A | N/A | N/A |

| | | | | | |
|--|----------------|----------------|-----|-------------|-----|
| Transformer 3 phase /480v - 300 KVA | \$36,800.00 | \$35,000.00 | N/A | \$4,013.19 | N/A |
| High VHF - Air Cooled Solid State Transmitter 1.1 . 4.4 kW | \$152,500.00 | \$145,000.00 | N/A | \$27,366.16 | N/A |
| Sub-total | \$619,579.86 | \$593,979.86 | N/A | \$44,513.63 | N/A |
| Total for all systems | \$1,402,323.86 | \$1,349,131.86 | N/A | \$85,372.62 | N/A |

Components

| Actual Information Description | File Name |
|--|---|
| VHF inside RF system including switching | Information not provided. |
| High VHF - Air Cooled Solid State Transmitter 1.1 . 4.4 kW | Information not provided. |
| 2" Rigid Conduit and Wiring (Cost per foot) | Information not provided. |
| Other -- Building Addition Size: 220.0 | <p>Component Description: WMOW-GATES- MAIN-TEMP SHELTER-INV- TE10004487-1 Q- 73722 ITEM F</p> <p>Amount: \$6,074.33</p> |
| Site Survey - TX | <p>Component Description: WMOW-SURVEY- INV-QC18-026</p> <p>Amount: \$5,000.00</p> |
| Security - Site | Information not provided. |
| Transmitter- Training | Information not provided. |

| | |
|--|--|
| Disconnect existing Transmitter | Information not provided. |
| Sales Tax | <p>Component Description: WMOW-GATES-SALES TAX -INV TE10004487-1</p> <p>Amount: \$2,059.95</p> |
| 25 Ton system | Information not provided. |
| 2" Rigid Conduit and Wiring (Cost per foot) | Information not provided. |
| Transformer 3 phase/480v - 300 KVA | <p>Component Description: WMOW-GATES-MAIN- INV TE10004487-1 - ITEM C AND D</p> <p>Amount: \$4,013.19</p> |
| High VHF - Air Cooled Solid State Transmitter 1.1 . 4.4 kW | <p>Component Description: WMOW-GATES-MAIN-TX- INV TE10004487-1 ITEM A,B, AND E -4-2 corrected request amount.</p> <p>Amount: \$27,366.16</p> |

Cost Information

Antennas

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|-----------------------------|---------------------|------------------------------|---------------|---------------------------|
| Primary Antenna DRV-3-4-HO | \$224,480.00 | \$222,280.00 | | \$0.00 | |
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | \$5,260.00 | \$5,000.00 | N/A | N/A | N/A |
| Side mount brackets for high power antennas (if not included in antenna base cost) | \$23,150.00 | \$22,000.00 | N/A | N/A | N/A |
| Elbow complex, broadband, at antenna input, per 3 1/8. feedline (if needed) | \$9,340.00 | \$8,880.00 | N/A | N/A | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | N/A | N/A |

| | | | | | |
|--|----------------------------|----------------|---|-------------|-----|
| High VHF - High Power Side Mount Broadband Panel antenna -- One Station horizontally polarized | <i>\$180,000.00</i> | \$180,000.00 | Entered Catalog of Costs dollar amount. The form stated \$0.00 in the Predetermined block for the replacement of the Primary antenna. Not sure why. We tried many options to alleviate the situation and only adding the Catalog cost to the EST column worked. | N/A | N/A |
| Sub-total | \$224,480.00 | \$222,280.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$1,402,323.86 | \$1,349,131.86 | N/A | \$85,372.62 | N/A |

Components

Information not provided.

Cost Information

Transmission Line

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|-----------------------------|-----------------------|---|--------------------|---------------------------|
| Primary Transmission Line | \$22,100.00 | \$21,825.00 | | \$0.00 | |
| Flexible Foam Transmission Line - dielectric, 1 5 /8" | \$6,600.00 | \$6,325.00 | N/A | N/A | N/A |
| Coax Switch | <i>\$3,000.00</i> | \$3,000.00 | switch from main to interim transmitter. | N/A | N/A |
| Disconnect existing Interior RF components | <i>\$12,500.00</i> | \$12,500.00 | Disconnect interior RF transmission line and filters from existing configuration and move within the building to make way for new facilities. | N/A | N/A |
| Sub-total | \$22,100.00 | \$21,825.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$1,402,323.86 | \$1,349,131.86 | N/A | \$85,372.62 | N/A |

Components

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 LTOWER | \$254,800.00 | \$242,000.00 | | \$0.00 | |
| Short Tower (less than 500') | \$84,200.00 | \$80,000.00 | N/A | N/A | N/A |
| Minor tower reinforcement /modifications | \$158,000.00 | \$150,000.00 | N/A | N/A | N/A |
| Structural engineering tower load study for well documented tower | \$12,600.00 | \$12,000.00 | N/A | N/A | N/A |
| Sub-total | \$254,800.00 | \$242,000.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$1,402,323.86 | \$1,349,131.86 | N/A | \$85,372.62 | 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 | \$220,174.00 | \$208,462.00 | | \$40,858.99 | |
| Project management of the transition | \$62,252.00 | \$59,100.00 | N/A | \$27,405.00 | N/A |
| General Legal | <i>\$7,000.00</i> | \$7,000.00 | General legal consulting for the station to repack | \$1,359.00 | N/A |
| Vendor Travel Expenses | <i>\$9,612.00</i> | \$9,612.00 | Reimbursable Vendor Travel expenses for working in the field on behalf of the station for the Repack project - see quote for estimated expenses. QC-17005 | \$4,885.49 | N/A |
| Quarterly reporting | <i>\$5,000.00</i> | \$5,000.00 | Preparation and submittal of the FCC required quarterly report 387 by PM and attorney. | N/A | N/A |

| | | | | | |
|--|-------------|-------------|-----|------------|-----|
| Comprehensive coverage verification via field study, if needed | \$84,200.00 | \$80,000.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | \$14,720.00 | \$14,000.00 | 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 FCC Form 2100 (main), License to Cover Application | \$2,365.00 | \$2,250.00 | 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 | \$3,459.50 | N/A |
| Prepare request for Special Temporary Authorization | \$8,200.00 | \$6,000.00 | 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 |

| | | | | | |
|--|----------------|----------------|-----|-------------|-----|
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00 | \$3,000.00 | N/A | \$1,650.00 | N/A |
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$7,000.00 | N/A | \$2,100.00 | N/A |
| Address transition timing and coordination issues w/ other stations and wireless | \$2,630.00 | \$2,500.00 | N/A | N/A | N/A |
| Prepare and or review reimbursement form | \$2,630.00 | \$2,500.00 | N/A | N/A | N/A |
| Sub-total | \$220,174.00 | \$208,462.00 | N/A | \$40,858.99 | N/A |
| Total for all systems | \$1,402,323.86 | \$1,349,131.86 | N/A | \$85,372.62 | N/A |

Components

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

Project management of the transition

Component Description: WMOW- PM AUG
THRU DEC 18 -
INV QC19-016
Amount: \$2,137.50

Component Description: WMOW-QCOMM-
PM - INV QC17-
146 ITEM 4004 -
MARCH-AUGUST
2017
Amount: \$13,162.50

Component Description: WMOW- QCOMM
PM - 4THRU7-18
INV QC18-067
Amount: \$2,872.50

Component Description: WMOW-PM-
1THRU3-18 INV-
QC18-053
Amount: \$3,900.00

Component Description: WMOW-PM-
8THRU12-17-INV
QC18-021
Amount: \$5,332.50

General Legal

Component Description: WMOW- BOOKS-
APRIL19- INV
3966162
Amount: \$156.00

Component Description: WMOW- BROOKS
- DEC18 INV
3961876
Amount: \$49.50

Component Description: WMOW - BROOKS
OCT18 INV
3959631
Amount: \$148.50

Component Description: WMOW - BROOKS
FEB19 INV
3964371
Amount: \$52.00

Component Description: WMOW- BROOKS
JAN18 INV
3962867
Amount: \$260.00

Component Description: WMOW-BROOKS-
INV-3951199 -
MAR18
Amount: \$49.50

Component Description: WMOW-BROOKS-
MAY18-INV-
3953762
Amount: \$49.50

Component Description: WMOW BROOKS -
JUNE18 - INV
3954665
Amount: \$247.50

Component Description: WMOW-BROOKS-
APRIL18 - INV
3952582
Amount: \$99.00

| | |
|--|---|
| | <p>Component Description: WMOW - BROOKS - JULY 18 INV 3955735</p> <p>Amount: \$49.50</p> |
| | <p>Component Description: WMOW - BROOKS AUG 18 -INV 3957122</p> <p>Amount: \$198.00</p> |
| Vendor Travel Expenses | <p>Component Description: WMOW-QCOMM- PM-TRAVEL EXP- INV QC17-146 ITEMS 1010-1015</p> <p>Amount: \$4,885.49</p> |
| Quarterly reporting | Information not provided. |
| Comprehensive coverage verification via field study, if needed | Information not provided. |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | Information not provided. |
| Attorney Fees - Negotiation of lease and other matters for shared locations | Information not provided. |
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application | Information not provided. |

| | |
|---|---|
| <p>Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application</p> | <p>Component Description: ATTY FEE - WMOW- JUNE17 Amount: \$359.00</p> |
| | <p>Component Description: WMOW-BROOKS-LEGAL-INV-3949057 -JAN18 Amount: \$49.50</p> |
| | <p>Component Description: ATTY INV-SEPT17 WMOW Amount: \$141.00</p> |
| | <p>Component Description: ATTY-INV APRIL17 WMOW Amount: \$470.00</p> |
| | <p>Component Description: ATTY FEE CP-JULY17 WMOW Amount: \$1,658.00</p> |
| | <p>Component Description: ATTY FEE-WMOW-MAY17 Amount: \$547.00</p> |
| | <p>Component Description: ATTY FEE-INV AUG17 WMOW Amount: \$235.00</p> |
| <p>Prepare request for Special Temporary Authorization</p> | <p>Information not provided.</p> |
| <p>Prepare engineering section of FCC Form 2100 (main), License to Cover Application</p> | <p>Information not provided.</p> |

| | |
|---|--|
| <p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p> | <p>Component Description: ENGR- CP APPLICATION- WMOW INV</p> <p>Amount: \$1,650.00</p> |
| <p>Perform engineering study for new channel assignment and antenna development</p> | <p>Component Description: WMOW-NEW CHANNEL ENGR INV</p> <p>Amount: \$2,100.00</p> |
| <p>Address transition timing and coordination issues w/ other stations and wireless</p> | <p>Information not provided.</p> |
| <p>Prepare and or review reimbursement form</p> | <p>Information not provided.</p> |

Cost Information

Other Expenses

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|-----------------------------|--------------------|---|---------------|---------------------------|
| Other Expenses | \$61,190.00 | \$60,585.00 | | \$0.00 | |
| Develop and air announcement of upcoming channel change | <i>\$15,000.00</i> | \$15,000.00 | Required FCC announcements and good will public relations must we upheld. The production airing and disseminating of these announcements are fundamental to our operations. | N/A | N/A |
| Equipment Storage | <i>\$10,000.00</i> | \$10,000.00 | Expecting multiple staggered equipment deliveries from different vendors and need to store and stage new equipment prior to installation date. Anticipate from 6-24 months of storage time. | N/A | N/A |
| Equipment Delivery and Handling Charges | <i>\$8,000.00</i> | \$8,000.00 | Transport, forklift rental and handling fees from staging area to transmitter site. | N/A | N/A |

| | | | | | |
|--|--------------------|----------------|---|-------------|-----|
| Disposal Costs (for equipment and other waste, net of any salvage value) | <i>\$10,000.00</i> | \$10,000.00 | Rent 40 yard dumpster with multiple pickups. Estimated 6-months on site. Potential hazardous waste management issues. | N/A | N/A |
| FCC Filing Fees - Special Temporary Authorization request | \$195.00 | \$190.00 | N/A | N/A | N/A |
| DTV Medical Facility Notification | \$11,550.00 | \$11,000.00 | N/A | N/A | N/A |
| FCC Filing Fees - Form 2100 minor change CP application | \$1,110.00 | \$1,070.00 | N/A | N/A | N/A |
| FCC Filing Fees - Form 2100 license to cover application | \$335.00 | \$325.00 | N/A | N/A | N/A |
| MVPD Notification of Channel Change | <i>\$5,000.00</i> | \$5,000.00 | Required FCC notification. | N/A | N/A |
| Sub-total | \$61,190.00 | \$60,585.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$1,402,323.86 | \$1,349,131.86 | N/A | \$85,372.62 | N/A |

Components

Information not provided.

Cost Information **Grand Total**

| | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
|------------------------------|------------------------------------|-----------------------|--------------------|
| Total for all systems | \$1,402,323.86 | \$1,349,131.86 | \$85,372.62 |

Reimbursement Status

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

| Certification | Section | Question | Response |
|---------------|--|---|----------|
| | Submission of Estimated Expenses Statements | <p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p> | |
| | | <ol style="list-style-type: none"> 1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount. | |

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

8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.

**BRADY
DREASLER**
*CORPORATE
DIRECTOR
OF
ENGINEERING*

06/04/2019

| 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"> 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. 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. 3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. | |

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

8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.

**BRADY
DREASLER**
*CORPORATE
DIRECTOR
OF
ENGINEERING*

06/04/2019

Attachments