

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility 64550 Service: DTV Call WQOW Channel: 25 (UHF)

ID:

Sign:

File **0000027502**

Number:

FRN: **0030885057** Date **06/06**

Submitted: /2019

Applicant Information

Applicant Name, Type, and Contact Information

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

Reimbursement Contact Name and Information Reimbursement Contact Information

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

Preparer Contact Information

Preparer Contact Name and Information

| Applicant | Address | Phone | Email |
|---|---|-----------------------|--------------------|
| Tony zumMallen President QCommunications, LLC | 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 ch15 to ch25 will allow the use of the current antenna however the transmission line will require modifications. |

Transmitters

| rs | 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 | |
| Manufacturer and Type | Model | Diamond |
| | Year | 2001 |
| | Туре | Solid State |
| | Solid State Cooling | Air Cooled |
| | Solid State Power Capacity | 16 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 | ULXTE-40 |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 20 kW |
| | Justification for New Transmitter | Necessary to facilitate the channel reassignment. Existing Transmitter is not tunable per manufacturer. |

Primary Transmitter

Other Transmitter Costs

| | Question | Response |
|--------------------|---------------------------------------|------------|
| Electrical Service | Service Entrance (3 phases 800A 208V) | Yes |
| | Switchgear (industrial 800 amp) | Yes |
| | Transformer (480V) | Yes |
| | Power | 300 kVA |
| | Rigid Conduit and Wiring | Yes |
| | Size | 2 inches |
| | Length | 300.0 feet |
| | Other Electrical Service | No |

| | Description | N/A |
|---|--|-----------------|
| HVAC Service | Does the replacement transmitter require HVAC Service? | Yes |
| | Туре | 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 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

| Name | Description |
|------------------------------|---|
| Transmitter Site Preperation | Site Preparation for Repack Interim and Main Transmitter installation Performing work that is not in the installation SOW on site to prepare for the GatesAir installation crew arrival to ensure there are no delays to the installation crews plans |
| Transmitter training | Transmitter training - offsite - 1 week in duration at mfg site. |
| Securirty - Site | This site requires security once the new transmission line and equipment arrive on site to be installed. Estimated length of 4-6 weeks. |
| Transmitter-Disconnect | Disconnect transmitter and components from existing configuration and move within building to make way for new facilities. |

| Site Survey - TX | Site survey and report are required to be performed before the new transmitter and |
|------------------|--|
| | components installation plan can be finalized. |

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 | Retune Existing |
| | 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? | No |
| Existing Antenna | Class | Full Power |
| Manufacturer and Type | Mounting | Top Mount |
| | Antenna position in stack | Not in Stac |
| | Polarization | Horizontal |
| | Туре | Broadband Panel |
| | Number of Stations Supported | 1 |
| | Number of Panels | 32 |
| | Design power capacity in use | 50.0 % |
| | Lower Limit | 470.00 MH |

| Upper Limit | 698.00 MHz |
|---------------------------------|------------|
| Other Antenna Type | N/A |
| ERP: (Effective Radiated Power) | 200.0 kW |
| Manufacturer | Dielectric |
| Model | TUP-SP4-8- |
| Year | 2000 |

Primary Antenna

Adjustment to Existing Antenna

| Section | Question | Response |
|-----------------------------------|---|----------|
| Sweep Test of Existing Antenna | Do you need a sweep test of existing antenna? | Yes |

Primary Antenna

Other Antenna Costs

| Section | Question | Response |
|--------------------------------|--|----------|
| Combiner for Shared Antenna | Do you need a Combiner for a Shared Antenna? | No |
| | Туре | |
| | Number of channels supported | N/A |
| | Frequencies of channels supported | N/A |
| | Frequency | |

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? | Yes |
| Will antenna be located on or in close proximity to an antenna farm? | No |
| Class | Full Power |
| Mounting | Side Mount |
| Antenna position in stack | Not in Stack |
| Polarization | Horizontal |
| Туре | Broadband Slot |
| Number of Stations Supported | 1 |
| Number of Panels/Bays | 8 |
| Lower Limit | 470.00 MHz |
| Upper Limit | 698.00 MHz |
| Design power capacity in use | 50.0 % |
| Other Antenna Type | N/A |
| ERP: (Effective Radiated Power) | 100.0 kW |
| Manufacturer | |
| Model | TFU-8WB |
| Year | 2017 |
| | |

New Antenna

Manufacturer and Type

| Justification for New Antenna 6-14-18- ZEROED all Interim facility EST pricing per call with Raphael Sznajder. The 399 tool will not DELETE the TX, ANT or LINE. Deleting returns an error message. WQOW will not be requiring an INTERIM due to an engineering work around. |
|---|
| |

Interim Antenna

Other Antenna Costs

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

Primary Transmission

Existing Transmission Line

| n 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 | Manufacturer | Dielectric |
| Line Manufacturer and Type | Туре | Rigid |
| | Diameter | 6 1/8 inches |
| | Other Diameter | N/A |
| | Segment Length | 19 1/2 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 993 feet per run |

Primary Transmission

Other Transmission Line Expenses Not Listed

| n <mark>Naime</mark> | Description |
|-----------------------------|--|
| Disconnect Interior RF | Disconnect interior transmission line and filters from existing configuration and move within the building to make way for new facilities. |
| Refurbish Transmission Line | Refurbish instead of replace. Per Resonant Results, Ltd, Field Report. |

Interim Transmiss

New Transmission Line

| on Line Section | Question | Response |
|--------------------------------|-------------------------|---------------------|
| New Transmission Line Costs | Use | Interim |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Туре | Rigid |
| | Diameter | 4 1/16 inches |
| | Segment Length | 19 ½ ' |
| | Other Segment Length | |
| | Number of parallel runs | 1 |
| | Length | 975 feet per run |

| Justification for New Transmission Line 6-14-18- | | |
|---|---|---|
| ZEROED all Interim facility EST pricing per call with Raphael Sznajder. The 399 tool will not DELETE the TX, ANT or LINE. Deleting returns an error message. WQOW will not be requiring an INTERIM due to an engineering work around. | Justification for New Transmission Line | ZEROED all Interim facility EST pricing per call with Raphael Sznajder. The 399 tool will not DELETE the TX, ANT or LINE. Deleting returns an error message. WQOW will not be requiring an INTERIM due to an engineering work |

Other Transmission Line Expenses Not Listed Transmission Line tion 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 | Move Equipment |
| | 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? | Unknown |
| Existing Tower Structure Registration | Do you have a tower registration number? | No |
| | ASR Number | |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 44° 47' 59.0" N- |
| | Longitude (NAD83) | 091° 27' 57.0" W- |
| | Overall Structure Height | 961.00 feet |
| | Support Structure Height | 888.00 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 888.00 feet |

| Structure Type | TOWER - Free Standing or Guyed Structure |
|------------------|--|
| Tower Owner | Gray Television Group, Inc. |
| Date Constructed | 09/25/1956 |

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

| Name | Description |
|------------------------|----------------|
| STRUCTURAL ENGINEERING | TOWER ANALYSIS |

Outside Professional

| Section | Question | Response |
|--|--|---|
| Services Costs Outside Project Management Services | Do you require outside project management services? | Yes |
| | Number of Hours | 614 |
| | Explanation | 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. |
| Outside RF consulting Engineering Services | Perform engineering study for new channel assignment and antenna development | Yes |
| | Prepare engineering section of Form FCC Construction Permit Application | Yes |
| | For Auxiliary Facility | No |
| | For Main Facility | Yes |
| | Prepare engineering section of Form FCC License to Cover Application | Yes |
| | For Auxiliary Facility | No |
| | For Main Facility | Yes |

| | Prepare request for Special Temporary Authority | No |
|---------------------------------------|--|-----|
| | Quantity | N/A |
| | Do you have Distributed Transmission System engineering services? | N/A |
| | Critical Facility | N/A |
| | Terrain-Shielded Facility | N/A |
| Attorney and Other Outside Consulting | Prepare and file Form FCC Construction 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 Authority | No |
| | Quantity | N/A |
| | NEPA Section 106 environmental review | No |
| | Environmental Assessment | No |
| | ASR Modification | No |
| | FAA Consultation (including preparation of FAA Form 7460) | No |
| | Negotiation of Lease and other Matter for Shared Locations | Yes |
| | Prepare or Review FCC Form 399 for Reimbursement | Yes |
| | Address transition timing and coordination issues w/ other stations and wireless providers | 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

Other Professional Services Expenses Not Listed

| Şervices Costs | Description |
|-----------------------------|--|
| Legal General Repack issues | See uploaded- QMI Repack Invoice Memo for Shared Legal Expenses (Matter 104411 00054) for Form 399 |
| Quarterly reporting | Preparation and submittal of the FCC required quarterly report 387 by 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. |

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 | No |
| 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 Not Listed

Expenses 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 ULXTE-40 | \$940,000.00 | \$896,800.00 | | \$591,950.72 | |
| Transmitter- Disconnect | \$20,000.00 | \$20,000.00 | Disconnect transmitter and components from existing configuration and move within building to make way for new facilities. | \$0.00 | N/A |
| Site Survey - TX | \$20,000.00 | \$20,000.00 | Site survey and report are required to be performed before the new transmitter and components installation plan can be finalized. | \$7,500.00 | N/A |

| Securirty - Site | \$17,500.00 | \$17,500.00 | This site requires | N/A | N/A |
|---|--------------|--------------|--|--------------|-----|
| | | | security once the new transmission line and equipment arrive on site to be installed. Estimated length of 4-6 weeks. | | |
| Transmitter training | \$3,300.00 | \$3,300.00 | Transmitter training - offsite - 1 week in duration at mfg site. | N/A | N/A |
| 25 Ton system | \$91,500.00 | \$87,000.00 | N/A | N/A | N/A |
| Service entrance 3 phase/800 amp/208 volt | \$14,400.00 | \$13,700.00 | N/A | \$5,697.50 | N/A |
| UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW | \$684,000.00 | \$650,000.00 | N/A | \$538,134.28 | N/A |
| Transformer 3 phase /480v - 300 KVA | \$36,800.00 | \$35,000.00 | N/A | \$0.00 | N/A |
| 2" Rigid Conduit and Wiring (Cost per | \$7,800.00 | \$7,500.00 | N/A | N/A | N/A |

| Transmitter | \$6,500.00 | \$6,500.00 | Site | \$6,500.00 | N/A |
|---------------|----------------|----------------|-----------------|---------------|-------|
| Site | | | Preparation | | |
| Preperation | | | for | | |
| | | | RepackMain | | |
| | | | Transmitter | | |
| | | | installation | | |
| | | | Performing | | |
| | | | work that is | | |
| | | | not in the | | |
| | | | installation | | |
| | | | SOW on site | | |
| | | | to prepare | | |
| | | | for the | | |
| | | | GatesAir | | |
| | | | installation | | |
| | | | crew arrival | | |
| | | | to ensure | | |
| | | | there are no | | |
| | | | delays to the | | |
| | | | installation | | |
| | | | crews | | |
| | | | installation pl | | |
| Switchgear | \$38,200.00 | \$36,300.00 | N/A | \$34,118.94 | N/A |
| - industrial | ψοσ,2σσ.σσ | φοσ,σσσ.σσ | | Ψο 1,1 10.0 1 | 14/71 |
| 800 amp | | | | | |
| | | | | | |
| Sub-total | \$940,000.00 | \$896,800.00 | N/A | \$591,950.72 | N/A |
| Total for all | \$3,137,275.00 | \$1,802,753.00 | N/A | \$702,411.10 | N/A |

Components

| Actual Information Description | File Name | |
|--------------------------------|---------------------------|-------------|
| Transmitter-Disconnect | Information not provided. | |
| Site Survey - TX | | |
| | Component Description: | WQOW-SITE |
| | | SURVEY-INV- |
| | | QC18-029 |
| | Amount: | \$7,500.00 |
| | | |
| Securirty - Site | Information not provided. | |
| Transmitter training | Information not provided. | |

| 25 Ton system | Information not provided. | |
|--|---------------------------------|--|
| Service entrance 3 phase /800 amp/208 volt | Component Description: Amount: | WQOW - MAIN TX INV- TE10004378-2 Q- 59383 LINE D Electric- 5-29 - correct amount. \$2,848.75 |
| | Component Description: Amount: | Gates WQOW - TX quote Q-59383 Electric - D Electric \$2,848.75 |
| UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW | Component Description: Amount: | WQOW- MAIN TX -INV TE10004378- 2 LINES A B and E - see Q59383 \$269,067.14 |
| | Component Description: Amount: | DEP ON MAIN TX WQOW - A B and E - see Q59383 \$269,067.14 |
| Transformer 3 phase/480v - 300 KVA | Information not provided. | |
| 2" Rigid Conduit and Wiring (Cost per foot) | Information not provided. | |
| Transmitter Site Preperation | Component Description: | WQOW- MAIN SITE PREP - INV QC18-056 |
| | Amount: | \$6,500.00 |

| Switchgear - industrial 800 | |
|-----------------------------|--|
| amp | |

Component Description: WQOW - MAIN

TX INV-

TE10004378-2 quote Q-59383 -

RF Access - C inv

Amount: \$17,059.47

Component Description: Gates WQOW -

quote Q-59383 -RF Access - C inv

Amount: \$17,059.47

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 | \$135,490.00 | \$0.00 | | \$0.00 | |
| UHF - Lower Power Side Mount, One station antenna - medium power (50- 200 kW), horizontally polarized | \$89,400.00 | \$0.00 | N/A | N/A | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$0.00 | N/A | N/A | N/A |
| Elbow complex, broadband, at antenna input, per 4 1/16. feedline (if needed) | \$10,950.00 | \$0.00 | N/A | N/A | N/A |
| Side mount brackets for high power antennas (if not included in antenna base cost) | \$23,150.00 | \$0.00 | N/A | N/A | N/A |

| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | \$5,260.00 | \$0.00 | N/A | N/A | N/A |
|--|----------------|----------------|-----|--------------|-----|
| Primary Antenna TUP-SP4-8- 1 | \$253,730.00 | \$241,400.00 | | \$0.00 | |
| UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized | \$247,000.00 | \$235,000.00 | 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 | \$389,220.00 | \$241,400.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$3,137,275.00 | \$1,802,753.00 | N/A | \$702,411.10 | 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 |
|--|--------------------------------|-------------------|---|-------------|------------------------------|
| Interim Transmission Line | \$138,450.00 | \$0.00 | | \$0.00 | |
| Rigid Transmission Line - copper, 4 1 /16" | \$138,450.00 | \$0.00 | N/A | N/A | N/A |
| Primary Transmission Line | \$163,900.00 | \$163,900.00 | | \$0.00 | |
| Disconnect Interior RF | \$12,500.00 | \$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 |

| Refurbish | \$151,400.00 | \$151,400.00 | Per | N/A | N/A |
|-----------------------|----------------|----------------|---------------|--------------|-----|
| Transmission | | | Resonant | | |
| Line | | | Results, Ltd, | | |
| | | | Field Report | | |
| | | | 2/17/17 the | | |
| | | | transmission | | |
| | | | line can be | | |
| | | | refurbished | | |
| | | | to operate | | |
| | | | on the new | | |
| | | | channel | | |
| | | | allocation. | | |
| | | | Cost | | |
| | | | estimate is | | |
| | | | for 950' | | |
| | | | tower and | | |
| | | | sweep test | | |
| | | | and Plumb | | |
| | | | and | | |
| | | | Tensioning. | | |
| Sub-total | \$302,350.00 | \$163,900.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$3,137,275.00 | \$1,802,753.00 | N/A | \$702,411.10 | 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 TOWER | \$222,500.00 | \$212,000.00 | | \$5,750.00 | |
| Tall Tower (greater than 500') | \$210,500.00 | \$200,000.00 | N/A | N/A | N/A |
| STRUCTURAL ENGINEERING | \$12,000.00 | \$12,000.00 | Structural engineering to determine if tower will hold interim antenna and new config at current requirements | \$5,750.00 | N/A |
| Sub-total | \$222,500.00 | \$212,000.00 | N/A | \$5,750.00 | N/A |
| Total for all systems | \$3,137,275.00 | \$1,802,753.00 | N/A | \$702,411.10 | N/A |

Components

| Actual Information Description | File Name | |
|--------------------------------|---------------------------|-----------------------------------|
| Tall Tower (greater than 500') | Information not provided. | |
| STRUCTURAL ENGINEERING | Component Description: | WQOW-TOWER TECH-INV-17- 116 |
| | Amount: | \$5,750.00 |

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 | \$238,810.00 | \$228,258.00 | | \$101,760.38 | |
| Vendor Travel Expenses | \$13,408.00 | \$13,408.00 | Reimbursable Vendor Travel expenses for working in the field on behalf of the station for the Repack project - see quote for estimated expenses. QC-17003 | \$10,327.18 | N/A |
| Project management of the transition | \$97,012.00 | \$92,100.00 | N/A | \$78,480.00 | N/A |
| Legal General Repack issues | \$10,000.00 | \$10,000.00 | see exhibit memo - QMI Repack Invoice Memo for Shared Legal Expenses (Matter 104411 00054) for Form 399 | \$4,077.20 | 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 | \$2,400.00 | N/A |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00 | \$3,000.00 | N/A | \$1,970.00 | 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 |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00 | \$5,000.00 | N/A | \$4,506.00 | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application | \$2,365.00 | \$2,250.00 | N/A | N/A | N/A |

| Attorney Fees - Negotiation of lease and other matters for shared locations | \$4,210.00 | \$4,000.00 | N/A | N/A | N/A |
|---|----------------|----------------|---|--------------|-----|
| Comprehensive coverage verification via field study, if needed | \$84,200.00 | \$80,000.00 | N/A | N/A | N/A |
| Quarterly reporting | \$5,000.00 | \$5,000.00 | Preparation and submittal of the FCC required quarterly report 387 by PM and attorney. | N/A | N/A |
| Sub-total | \$238,810.00 | \$228,258.00 | N/A | \$101,760.38 | N/A |
| Total for all systems | \$3,137,275.00 | \$1,802,753.00 | N/A | \$702,411.10 | N/A |

Components

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

| Vendor Travel Expenses | | |
|------------------------|------------------------|-------------------|
| | Component Description: | WQOW- PM -AUG- |
| | | NOV18 - INV QC19- |
| | | 018 - PM TRAVEL |
| | | TIME |
| | Amount: | \$8,400.00 |
| | Component Description | WQOW-PM |
| | Component Description: | TRAVEL - INV |
| | | 1THRU3-18 - INV |
| | | QC18-048 LINES |
| | | 1010,1014 AND |
| | | 1015 |
| | Amount: | \$1,110.11 |
| | Component Description: | WQOW-PM- |
| | Component Description. | TRAVEL EXP - INV |
| | | QC17-143 - ITEMS |
| | | QUIT 170 ITEMO |

Amount:

1010-1015 \$817.07

| Project management of the | | |
|---------------------------|------------------------|-------------------|
| transition | Component Description: | WQOW-PM- |
| | | 1THRU3 18 - INV |
| | | QC18-048 |
| | Amount: | \$9,562.50 |
| | Component Description: | WQOW-PM- SEPT- |
| | | DEC-17- INV QC18- |
| | | 019 |
| | Amount: | \$12,270.00 |
| | Component Description: | WQOW- PM -AUG- |
| | | NOV18 - INV QC19- |
| | | 018 - PM TIME |
| | Amount: | \$22,537.50 |
| | Component Description: | WQOW-PM-INV- |
| | | QC17-143 - ITEM |
| | | 4004 |
| | Amount: | \$15,450.00 |
| | Component Description: | WQOW - QCOMM |
| | | PM 4THRU7-18 |
| | | INV QC18-069 |
| | Amount: | \$18,660.00 |

Legal General Repack issues

Component Description: General Legal-

OCT17-WQOW-inv

Amount: \$322.28

Component Description: WQOW-BROOKS

LEGAL INV

3952581-APRIL18

Amount: \$297.00

Component Description: WQOW-BROOKS-

MAY18-INV 3953761

Amount: \$445.50

Component Description: WQOW-BROOKS-

JUNE18- INV

3954664

Amount: \$1,287.00

Component Description: WQOW-BROOKS-

LEGAL JAN-18-INV 3949056

Amount: \$297.00

Component Description: General Legal -

AUG17-WQOW-inv

Amount: \$117.85

Component Description: WQOW-BROOKS-

MAR18 INV-

3951198

Amount: \$445.50

Component Description: General Legal -

SEPT-WQOW-inv

Amount: \$80.57

Component Description: General Legal-

MAY17-WQOW

Amount: \$190.85

Component Description: General Legal-

NOV17-WQOW-inv

Amount: \$221.57

Component Description: General Legal-

JUNE17 - WQOW

inv

Amount: \$266.44

Component Description: WQOW-BROOKS -

JULY18 INV

3955734

Amount: \$495.00

Component Description: General Legal-

JULY17-WQOW-inv

Amount: \$275.00

Component Description: WQOW-BROOKS

AUG18 INV 3957121

Amount: \$148.50

Prepare and or review Information not provided. reimbursement form

Address transition timing Information and coordination issues w/

Information not provided.

Perform engineering study for new channel assignment and antenna development

other stations and wireless

Component Description: NEW CHANNEL

ASSIGN ENGR-LOHNES INV-

WQOW

Amount: \$2,400.00

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application

Component Description: CP APPLICATION-

WQOW - LOHNES

ENGR

Amount: \$1,970.00

| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | Information not provided. | |
|---|--------------------------------|--------------------------------------|
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | Component Description: Amount: | LEGAL AUGUST17 - WQOW \$470.00 |
| | Component Description: Amount: | LEGAL - JULY17 WQOW \$1,861.00 |
| | Component Description: Amount: | LEGAL APRIL17 - WQOW \$517.00 |
| | Component Description: Amount: | Legal-WQOW- OCT17-inv \$329.00 |
| | Component Description: Amount: | Legal-WQOW- NOV17-inv \$94.00 |
| | Component Description: Amount: | LEGAL-MAY17- WQOW \$453.00 |
| | Component Description: Amount: | LEGAL JUNE17- WQOW \$359.00 |
| | Component Description: Amount: | LEGAL-WQOW- SEPT17 \$423.00 |

| 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. |
| Comprehensive coverage verification via field study, if needed | Information not provided. |
| Quarterly reporting | 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).

| B | | | | |
|-----------------------------|---|--|--|--|
| Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cos Justificatio |
| \$60,995.00 | \$60,395.00 | | \$2,950.00 | |
| \$5,000.00 | \$5,000.00 | Required FCC notification. | N/A | N/A |
| \$15,000.00 | \$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 |
| \$11,550.00 | \$11,000.00 | N/A | \$2,950.00 | N/A |
| \$1,110.00 | \$1,070.00 | N/A | N/A | N/A |
| \$335.00 | \$325.00 | N/A | N/A | N/A |
| | \$60,995.00 \$5,000.00 \$15,000.00 \$11,550.00 | Cost Estimate Cost \$60,995.00 \$60,395.00 \$5,000.00 \$5,000.00 \$15,000.00 \$15,000.00 \$11,550.00 \$11,000.00 \$1,110.00 \$1,070.00 | Cost EstimateCostJustification\$60,995.00\$60,395.00Required FCC notification.\$15,000.00\$15,000.00Required FCC announcements and good will public relations must we upheld. The production airing and disseminating of these announcements are fundamental to our operations.\$11,550.00\$11,000.00N/A | Cost Estimate Cost Justification Actual Cost \$60,995.00 \$60,395.00 \$2,950.00 \$5,000.00 \$5,000.00 Required FCC notification. N/A \$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. \$11,000.00 N/A \$2,950.00 \$11,550.00 \$11,000.00 N/A \$1,070.00 N/A N/A |

| Total for all systems | \$3,137,275.00 | \$1,802,753.00 | N/A | \$702,411.10 | N/A |
|---------------------------|----------------|----------------|---|--------------|-----|
| Sub-total | \$60,995.00 | \$60,395.00 | N/A | \$2,950.00 | N/A |
| | | | from 6-24 months of storage time. | | |
| | | | date. Anticipate | | |
| | | | to installation | | |
| | | | and stage new equipment prior | | |
| | | | need to store | | |
| | | | vendors and | | |
| | | | different | | |
| | | | deliveries from | | |
| | | | staggered equipment | | |
| Storage | | | multiple | | |
| Equipment | \$10,000.00 | \$10,000.00 | Expecting | \$0.00 | N/A |
| | | | transmitter site. | | |
| | | | staging area to | | |
| Charges | | | fees from | | |
| Handling | | | and handling | | |
| Delivery and | 40,000.00 | ψο,οσοίου | forklift rental | | , |
| Equipment | \$8,000.00 | \$8,000.00 | Transport, | N/A | N/A |
| | | | issues. | | |
| | | | management | | |
| | | | waste | | |
| | | | hazardous | | |
| Salvage value) | | | Potential | | |
| net of any salvage value) | | | months on site. | | |
| other waste, | | | pickups. Estimated 6- | | |
| equipment and | | | multiple | | |
| Costs (for | | | dumpster with | | |
| Disposal | \$10,000.00 | \$10,000.00 | Rent 40 yard | N/A | 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. | |
|--|--------------------------------|--|
| DTV Medical Facility Notification | Component Description: Amount: | WQOW-RF NOTE- MEDICAL - INV 1059 \$2,950.00 |
| FCC Filing Fees - Form 2100 minor change CP application | Information not provided. | |
| FCC Filing Fees - Form 2100 license to cover application | Information not provided. | |
| Disposal Costs (for equipment and other waste, net of any salvage value) | Information not provided. | |
| Equipment Delivery and Handling Charges | Information not provided. | |
| Equipment Storage | Information not provided. | |

Cost Information

Grand Total

| | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
|-----------------------|--------------------------------|----------------|--------------|
| Total for all systems | \$3,137,275.00 | \$1,802,753.00 | \$702,411.10 |

| Reimbursem | envestiatus | 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 |

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.
- 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 abovenamed applicant for the Authorization(s) specified above. BRADY
DREASLER
CORPORATE
DIRECTOR
OF
ENGINEERING

06/06/2019

Section Question Response

Submission of Actual Cost Documentation Statements

WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISIONMENT (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).

- 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.
- The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.
- 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 abovenamed applicant for the Authorization(s) specified above. BRADY
DREASLER
CORPORATE
DIRECTOR
OF
ENGINEERING

06/06/2019

Attachments