



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **74176** | Service: **DTV** | Call **WVVA** | Channel: **17 (UHF)** |
ID:
File **0000027484**
Number:
FRN: **0018223693** | Date **11/08**
Submitted: **/2019**

Applicant Information

Applicant Name, Type, and Contact Information

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

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 |
|--|---|-----------------------|--------------------|
| Tony zumMallen <i>QCommunications,</i> <i>LLC</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 ch 46 to ch 17 and will need an antenna, transmitter and associated gear and systems. The station will need an interim transmitter and antenna system to provide continuous service during 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 | Power CD |
| | Year | 2006 |
| | Type | Inductive Output Tube |
| | IOT Power Type | Two |
| | Power Capacity | 60 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 | ULXTE-72 |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 47 kW |
| | Justification for New Transmitter | IOT transmitter is not tunable per the manufacturer. |

**Primary
Transmitter**

Other Transmitter Costs

| Section | 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 | 400.0 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 |
|--|---|
| Transmitter - Training | Transmitter training - offsite - 1 week in duration at mfg site. |
| Site Survey - TX | Site survey and report are required to be performed before the new transmitter and components installation plan can be finalized. |
| Sales Tax Equipment-Main TX | Sales tax for equipment- Main transmitter-per quote |
| Disconnect existing Transmitter | Disconnect transmitter and components from existing configuration and move within building to make way for new facilities. |
| 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. |

**Interim
Transmitter**

New Transmitter Costs

| Section | Question | Response |
|------------------------|-----------------------------------|--|
| New Transmitter | Use | Interim |
| | Description of Use | N/A |
| | Change Type | Purchase |
| | Manufacturer | |
| | Model | ULXTE-30 |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Air Cooled |
| | Solid State Power capacity | 19.2 kW |
| | Justification for New Transmitter | Interim facility is required to avoid station silence during transition, no aux facility to use for interim operation. Extended silent period during transition to new channel is unreasonable. 10-5-18 - AMENDED 399 TO REFLECT TX CHANGE DUE TO ENGR MOD. |

**Interim
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 | Yes |
| | Size | 2 inches |
| | Length | 400.0 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? | 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 |
| Inside RF System | Is an additional interior RF system required to support this interim transmitter? | Yes |

Interim Transmitter

Other Transmitter Cost Not Listed

| Name | Description |
|--------------|---------------------------------------|
| Sales Tax-EQ | Est sales tax for equipment per quote |

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 | Top 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 | Omni- Directional |
| | ERP: (Effective Radiated Power) | 1000.0 kW |

| | |
|--------------|----------------|
| Manufacturer | |
| Model | TFU-24JTH-R-04 |
| Year | 2006 |

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? | No |
| | Will antenna be located on or in close proximity to an antenna farm? | No |
| New Antenna Manufacturer and Types | Class | Full Power |
| | Mounting | Top Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Elliptical |
| | Type | Broadband Slot |
| | Number of Stations Supported | 1 |
| | Number of Panels/Bays | 18 |
| | Lower Limit | 470.00 MHz |
| | Upper Limit | 698.00 MHz |
| | Design power capacity in use | 100.0 % |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 545.0 kW |
| | Manufacturer | |
| | | |

| | |
|-------------------------------|---|
| Model | TFU18-JTT /VP-R04 |
| Year | 2017 |
| Justification for New Antenna | Existing antenna is not tunable to new channel assignment. Adding Vertical component to Primary antenna and do not know of any upgraded pricing as of time of filing. |

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 | 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? | 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.

**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 |
| New Antenna Manufacturer and Type | Class | Full Power |
| | Mounting | Side Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Horizontal |
| | Type | 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 | 100.0 % |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 300.0 kW |
| | Manufacturer | |
| | Model | TFU-8WB-R |
| | Year | 2017 |

| | | |
|--|-------------------------------|---|
| | Justification for New Antenna | 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 Antenna

Other Antenna Costs

| Section | Question | Response |
|---------------------------------|---|---------------|
| Elbow Complex | Do you require the separate purchase of the Elbow Complex? | Yes |
| | Broadband or Single Channel? | B |
| | 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

| Name | Description |
|----------------|-----------------------------|
| FREIGHT-MFG EQ | FREIGHT FROM MFG TO STAGING |

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 | 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 | 176 feet per run |

Primary **New Transmission Line**
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 | 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 | 176 feet per run |
| | Justification for New Transmission Line | Existing line will not operate on new channel assignment per Dielectric sweep test. |

Primary **Other Transmission Line Expenses Not Listed**
Transmission Line

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

**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 | 4 inches |
| | Segment Length | N/A |
| | Other Segment Length | |
| | Number of parallel runs | 1 |
| | Length | 200 feet per run |
| | Justification for New Transmission Line | 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 | Other Transmission Line Expenses Not Listed |
|-------------------|---|
| Transmission Line | 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 | Owned |
| | Is this tower consider Complex? | Terrain Constrained |
| | 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? | Yes |
| | Is tower compliant with Rev G? | Unknown |
| Existing Tower Structure Registration | Do you have a tower registration number? | Yes |
| | ASR Number | 1254053 |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 37° 15' 21.1" N- |
| | Longitude (NAD83) | 081° 10' 53.3" W- |
| | Overall Structure Height | 166.66 feet |
| | Support Structure Height | 124.34 feet |
| | | |

| | | |
|--|--|--|
| | Ground Elevation Above Mean Sea Level (AMSL) | 3669.25 feet |
| | Structure Type | TOWER - Free Standing or Guyed Structure |
| | Tower Owner | WVVA Television, Inc. |
| | Date Constructed | 09/18/2006 |

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 | Terrain constrained |
| 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 | 934 |
| | 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 | 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 | No |
| | 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

| Services Costs Name | Description |
|-------------------------------|--|
| General Repack Legal Services | See atached Memo - QMI INInvoice Memo for Shared Legal Expenses (Matter 104411 00054) for Form 399 |
| Quarterly reporting | Preparation and submittal of the FCC required quarterly report 387 by PM and attorney. |
| Vendor Travel expenses | Vendor Travel expenses for working in the field on behalf of the station for the Repack project |

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 | No |
| | 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 ULXTE-30 | \$1,209,017.76 | \$1,060,074.90 | | \$409,987.32 | |
| Sales Tax-EQ | <i>\$35,824.70</i> | \$35,824.70 | Sales tax-INTERIM TX per Gates Q-73720 | \$11,941.38 | N/A |
| UHF inside RF system including switching | \$147,500.00 | \$140,000.00 | N/A | N/A | N/A |
| 2" Rigid Conduit and Wiring (Cost per foot) | \$10,400.00 | \$10,000.00 | N/A | \$0.00 | N/A |
| Switchgear - industrial 800 amp | \$38,200.00 | \$36,300.00 | N/A | \$3,331.66 | N/A |
| UHF - Air Cooled Solid State Transmitter 19.2 kW | <i>\$640,593.06</i> | \$640,593.06 | This is to amend the 399 Interim TX to more closely replicate the existing station contour during the interim operations that was paid on 3-28-18. | \$197,357.14 | N/A |

| | | | | | |
|---|-----------------------|-----------------------|--|-----------------------|-----|
| UHF - Air Cooled Solid State Transmitter 10 - 12 kW | \$336,500.00 | \$197,357.14 | ***System Notice: Estimate adjusted and locked because line has been superseded. *** | \$197,357.14 | N/A |
| Primary Transmitter ULXTE-72 | \$1,809,088.75 | \$1,747,184.32 | | \$1,404,839.18 | |
| Transformer 3 phase /480v - 300 KVA | \$36,800.00 | \$35,000.00 | N/A | \$11,644.49 | N/A |
| Switchgear - industrial 800 amp | \$38,200.00 | \$56,695.57 | Per Quote #73721, Line C totals \$44,640.57, PLUS the added change orders: Q- 82352 PO 20727; Q- 82564 PO 20742; Q- 83542 PO 20818; Q- 84797 PO 20924 totaling \$12,055 | \$56,695.57 | N/A |
| UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW | \$1,473,000.00 | \$1,400,000.00 | N/A | \$1,296,169.54 | N/A |

| | | | | | |
|---------------------------------|--------------------|-------------|---|-------------|-----|
| Security - Site | \$17,500.00 | \$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 |
| Disconnect existing Transmitter | \$20,000.00 | \$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 Equipment- Main TX | \$78,988.75 | \$78,988.75 | est sales tax for main tx equipment per quote Q-73721 | \$26,329.58 | N/A |
| Site Survey - TX | \$25,000.00 | \$25,000.00 | Site survey and report are required to be performed before the new transmitter and components installation plan can be finalized. | \$14,000.00 | N/A |

| | | | | | |
|---|-------------------|----------------|---|----------------|-----|
| 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 |
| 2" Rigid Conduit and Wiring (Cost per foot) | \$10,400.00 | \$10,000.00 | N/A | N/A | N/A |
| Service entrance 3 phase/800 amp/208 volt | \$14,400.00 | \$13,700.00 | N/A | N/A | N/A |
| Sub-total | \$3,018,106.51 | \$2,807,259.22 | N/A | \$1,814,826.50 | N/A |
| Total for all systems | \$4,873,783.01 | \$4,087,233.72 | N/A | \$2,065,870.20 | N/A |

Components

| Actual Information | |
|--|--|
| Description | File Name |
| Sales Tax-EQ | <p>Component Description: WVVA- GATES- INTERIM-SALES TAX-INV GO10004797-1</p> <p>Amount: \$11,941.38</p> |
| UHF inside RF system including switching | Information not provided. |
| 2" Rigid Conduit and Wiring (Cost per foot) | Information not provided. |

| | |
|---|---|
| Switchgear - industrial 800 amp | <div> Component Description: <div> WVVA-GATES- INTERIM ELEC- INV GO10004797- 1 LINE C. </div> </div> <div> Amount: <div>\$1,665.83</div> </div> |
| UHF - Air Cooled Solid State Transmitter 19.2 kW | <div> Component Description: <div> WVVA-GATES INT 2ND INV GO10004797-2 ULXTE-30 LINE C </div> </div> <div> Amount: <div>\$1,665.83</div> </div> |
| UHF - Air Cooled Solid State Transmitter 10 - 12 kW | <div> Component Description: <div> WVVA-GATES- INV 2ND INV GO10004797-2 LINES A B AND D- q-73720 </div> </div> <div> Amount: <div>\$197,357.14</div> </div> |
| UHF - Air Cooled Solid State Transmitter 10 - 12 kW | <div> Component Description: <div> WVVA-GATES- INTERIM TX INV- GO10004797-1 LINES A,B AND D. </div> </div> <div> Amount: <div>\$197,357.14</div> </div> |

| | | |
|---------------------------------------|-------------------------------|--|
| Transformer 3 phase/480v - 300 KVA | | |
| | Component Description: | WVVA - Gates Air - Electrical - INV US0322512 Line D - PO 20027 Q- 73721 |
| | Amount: | \$3,881.49 |
| | | |
| | Component Description: | WVVA GATES MAIN 2ND INV GO10004796-2- LINE D |
| | Amount: | \$3,881.50 |
| | | |
| | Component Description: | WVVA-Gates- Main-Elec- INV GO10004796-1, LINE D |
| | Amount: | \$3,881.50 |

Switchgear - industrial 800
amp

Component Description: WVVA - Gates Air
- RF Accessories -
INV US0322512
Line C - 3rd
invoice - PO
20027 - Q-73721

Amount: \$14,880.19

Component Description: WVVA change
orders: Q-82352
PO 20727; Q-
82564 PO 20742;
Q-83542 PO
20818; Q-84797
PO 20924

Amount: \$12,055.00

Component Description: WVVA-Gates-
Main-RF-INV
GO10004796-1,
LINE C

Amount: \$14,880.19

Component Description: WVVA GATES
2ND INV
GO10004796-2
LINE C

Amount: \$14,880.19

| | |
|--|---|
| UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW | Component Description: Gates Air INV #3 - US0322512 LIne items A and B; change order Q-77979, PO 20339 Amount: \$333,782.24 |
| | Component Description: WVVA - Gates - Main TX - INV US0331604 - PO 20027 Q-73721 Lines A and E. Plus Freight Amount: \$13762.82 \$106,077.17 |
| | Component Description: WVVA-GATES MAIN- 2ND INV GO10004796-2 - LINE A B E AND CHANGE ORDER TO MASK Q-77979 Amount: \$436,245.43 |
| | Component Description: WVVA-Gates- MAIN-TX - INV GO10004796-1 LINE- A, B and E Amount: \$420,064.70 |
| | |
| Securirty - Site | Information not provided. |
| Disconnect existing Transmitter | Information not provided. |
| Sales Tax Equipment-Main TX | Component Description: WVVA-Gates- Main-tx-sales-tax- GO10004796-1 Amount: \$26,329.58 |

| | |
|--|---|
| Site Survey - TX | <div> <div> Component Description: </div> <div> WVVA-SURVEY- INV-QC18-031 </div> </div> <div> Amount: <div>\$14,000.00</div> </div> |
| Transmitter - Training | Information not provided. |
| 25 Ton system | Information not provided. |
| 2" Rigid Conduit and Wiring (Cost per foot) | Information not provided. |
| Service entrance 3 phase /800 amp/208 volt | 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 | \$616,817.50 | \$90,952.50 | | \$47,152.50 | |
| FREIGHT- MFG EQ | \$2,227.50 | \$2,227.50 | FREIGHT EQ MFG TO STAGING PER INVOICE-93049 | \$2,227.50 | N/A |
| 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 4 1/16. feedline (if needed) | \$10,950.00 | \$10,400.00 | N/A | N/A | N/A |

| | | | | | |
|--|---------------------|---------------------|---|--------------------|-----|
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | \$0.00 | N/A |
| UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized | \$189,500.00 | \$4,492.50 | ***System Notice: Estimate adjusted and locked because line has been superseded. ***TOOL ERASED EST PRICE AND ALL PREVIOUS TRANSACTION FOR THE INTERIM ANTENNA | \$4,492.50 | N/A |
| UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized | \$189,500.00 | \$20,216.25 | ***System Notice: Estimate adjusted and locked because line has been superseded.*** | \$20,216.25 | N/A |
| UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized | \$189,500.00 | \$20,216.25 | ***System Notice: Estimate adjusted and locked because line has been superseded.*** | \$20,216.25 | N/A |
| Primary Antenna TFU18-JTT /VP-R04 | \$205,690.00 | \$204,400.00 | | \$74,392.88 | |

| | | | | | |
|--|---------------------|----------------|--|----------------|-----|
| 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 |
| Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed) | \$13,700.00 | \$13,000.00 | N/A | \$5,386.50 | N/A |
| UHF - High Power Top Mount One Station antenna elliptically or circularly polarized | \$180,000.00 | \$180,000.00 | per Catalog of costs for replacement antenna. 399 tool did not populate a standard predetermined cost. Not sure why this is a standardized antenna replacement. Lowered to the Catalog min \$180,000 | \$66,126.38 | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | \$2,880.00 | N/A |
| Sub-total | \$822,507.50 | \$295,352.50 | N/A | \$121,545.38 | N/A |
| Total for all systems | \$4,873,783.01 | \$4,087,233.72 | N/A | \$2,065,870.20 | N/A |

Components

| Actual Information | |
|--|---|
| Description | File Name |
| FREIGHT-MFG EQ | <p>Component Description: WVVA-DIE-ANT-INTERIM-SALES TAX- PER INV-93049 LINE 19 - ADDED ORDER CONF 488001</p> <p>Amount: \$2,227.50</p> |
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | Information not provided. |
| Side mount brackets for high power antennas (if not included in antenna base cost) | Information not provided. |
| Elbow complex, broadband, at antenna input, per 4 1/16. feedline (if needed) | Information not provided. |
| Sweep test of existing antenna | Information not provided. |
| UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized | <p>Component Description: WVVA-DIE-ANT-INV 93049 LINE 1</p> <p>Amount: \$4,492.50</p> |
| UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized | <p>Component Description: INTERIM ANT-LINE1 WVVA</p> <p>Amount: \$20,216.25</p> |
| UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized | <p>Component Description: WVVA-INTERIM ANT line 1- 2nd 45 percent inv</p> <p>Amount: \$20,216.25</p> |

| | | |
|--|---|---|
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | Information not provided. | |
| Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed) | Component Description: Amount: | ELBOW - DEPOSIT 10 PERCENT WVVA \$1,197.00 ELBOW MAIN DEPOSIT INV 35 PERCENT WVVA \$4,189.50 |
| UHF - High Power Top Mount One Station antenna elliptically or circularly polarized | Component Description: Amount: | MAIN ANTENNA DEPOSIT INV 10 PERCENT WVVA \$14,694.75 MAIN ANT DEPOSIT 35 PERCENT INV WVVA \$51,431.63 |
| Sweep test of existing antenna | Component Description: Amount: | SWEEP MAIN ANT DEPOSIT INV 10 PERCENT WVVA \$640.00 SWEEP MAIN ANTENNA DEPOSIT INV WVVA \$2,240.00 |

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 | \$14,800.00 | \$14,000.00 | | \$11,171.50 | |
| Flexible Air Transmission Line - dielectric, 4" | \$14,800.00 | \$14,000.00 | N/A | \$11,171.50 | N/A |
| Primary Transmission Line | \$48,052.00 | \$46,292.00 | | \$5,307.75 | |
| Disconnect existing Interior RF components | \$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 |
| Rigid Transmission Line - copper, 6 1/8" | \$35,552.00 | \$33,792.00 | N/A | \$5,307.75 | N/A |
| Sub-total | \$62,852.00 | \$60,292.00 | N/A | \$16,479.25 | N/A |
| Total for all systems | \$4,873,783.01 | \$4,087,233.72 | N/A | \$2,065,870.20 | N/A |

Components

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

| | |
|--|---|
| Flexible Air Transmission Line - dielectric, 4" | <div> Component Description: WVVA- INTERIM LINE - 2nd 45 percent inv- lines 2 and 18 </div> <div> Amount: \$5,027.18 </div> <div> Component Description: WVVA DIE-LINE- EQ-INV 93049 LINES 2 AND 18- FINAL. TOOL ZEROED OUT INTERIM ANT </div> <div> Amount: \$1,117.14 </div> <div> Component Description: INTERIM LINE INV 45 PERCENT-LINES 2 AND 18 </div> <div> Amount: \$5,027.18 </div> |
| Disconnect existing Interior RF components | Information not provided. |
| Rigid Transmission Line - copper, 6 1/8" | <div> Component Description: MAIN LINE DEPOSIT 35 PERCENT INV WVVA </div> <div> Amount: \$18,577.13 </div> <div> Component Description: MAIN LINE - DEPOSIT 10 PERCENT INV WVVA </div> <div> Amount: \$5,307.75 </div> |

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 | \$591,600.00 | \$562,000.00 | | \$4,920.00 | |
| Structural engineering tower load study for well documented tower | \$12,600.00 | \$12,000.00 | N/A | \$4,920.00 | N/A |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | \$421,000.00 | \$400,000.00 | N/A | N/A | N/A |
| Minor tower reinforcement /modifications | \$158,000.00 | \$150,000.00 | N/A | N/A | N/A |
| Sub-total | \$591,600.00 | \$562,000.00 | N/A | \$4,920.00 | N/A |
| Total for all systems | \$4,873,783.01 | \$4,087,233.72 | N/A | \$2,065,870.20 | N/A |

Components

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

| | | | | | | | | | |
|--|---|-------------------------------|---|----------------|------------|-------------------------------|--|----------------|------------|
| Structural engineering tower load study for well documented tower | <table> <tr> <td data-bbox="722 174 1029 208">Component Description:</td><td data-bbox="1161 174 1369 286"> WVVA- TOWER MAP - FORD INV 206593 </td></tr> <tr> <td data-bbox="722 297 831 331">Amount:</td><td data-bbox="1161 297 1281 331">\$3,120.00</td></tr> <tr> <td data-bbox="722 432 1029 465">Component Description:</td><td data-bbox="1161 432 1356 544"> WVVA-PJFORD ANALYSIS- INV 206072 </td></tr> <tr> <td data-bbox="722 555 831 589">Amount:</td><td data-bbox="1161 555 1281 589">\$1,800.00</td></tr> </table> | Component Description: | WVVA- TOWER MAP - FORD INV 206593 | Amount: | \$3,120.00 | Component Description: | WVVA-PJFORD ANALYSIS- INV 206072 | Amount: | \$1,800.00 |
| Component Description: | WVVA- TOWER MAP - FORD INV 206593 | | | | | | | | |
| Amount: | \$3,120.00 | | | | | | | | |
| Component Description: | WVVA-PJFORD ANALYSIS- INV 206072 | | | | | | | | |
| Amount: | \$1,800.00 | | | | | | | | |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | Information not provided. | | | | | | | | |
| Minor tower reinforcement /modifications | 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 | \$318,637.00 | \$302,815.00 | | \$108,099.07 | |
| Vendor Travel expenses | <i>\$21,965.00</i> | \$21,965.00 | Reimbursable Vendor Travel expenses for working in the field on behalf of the station for the Repack project - see quote for estimated expenses. QC-17010 | \$7,689.41 | N/A |
| Quarterly reporting | <i>\$7,000.00</i> | \$7,000.00 | Preparation and submittal of the FCC required quarterly report 387 by PM and attorney. | N/A | N/A |
| General Repack Legal Services | <i>\$10,000.00</i> | \$10,000.00 | See attached memo-QMI Repack Invoice Memo for Shared Legal Expenses (Matter 10441100054) for Form 399- | \$2,585.66 | 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 - 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 | \$3,519.00 | 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 | \$0.00 | N/A |

| | | | | | |
|--|----------------|----------------|-----|----------------|-----|
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$7,000.00 | N/A | \$0.00 | N/A |
| Project management of the transition | \$147,572.00 | \$140,100.00 | N/A | \$94,305.00 | 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 |
| Sub-total | \$318,637.00 | \$302,815.00 | N/A | \$108,099.07 | N/A |
| Total for all systems | \$4,873,783.01 | \$4,087,233.72 | N/A | \$2,065,870.20 | N/A |

Components

| Actual Information | |
|------------------------|--|
| Description | File Name |
| Vendor Travel expenses | <div> <div>Component Description:</div> <div>WVVA - QCOMM - PM TRVL- JAN- JUN 19 - INV QC19-063</div> </div> <div> <div>Amount:</div> <div>\$6,240.00</div> </div> <div> <div>Component Description:</div> <div>WVVA- PM-Travel exp -Items- 1010,1014,1015 - INV QC17-148</div> </div> <div> <div>Amount:</div> <div>\$1,449.41</div> </div> |

| | | |
|-------------------------------|--|---|
| Quarterly reporting | Information not provided. | |
| General Repack Legal Services | <p>Component Description:</p> <p>Amount:</p> | <p>WVVA-BROOKS-OCT-19-INV3959632</p> <p>\$198.00</p> |
| | <p>Component Description:</p> <p>Amount:</p> | <p>Brooks General Repack Legal Services for period ending November 30, 2017. \$221.58 is WVVA portion of total invoice.</p> <p>\$221.58</p> |
| | <p>Component Description:</p> <p>Amount:</p> | <p>Brooks General Repack legal services for period ending February 28, 2018. \$28.28 is WVVA portion of total invoice.</p> <p>\$28.28</p> |
| | <p>Component Description:</p> <p>Amount:</p> | <p>Brooks General Repack Legal Services for period ending January 31, 2018. \$35.36 is WVVA of total invoice</p> <p>\$35.36</p> |
| | <p>Component Description:</p> <p>Amount:</p> | <p>Brooks - General Repack Legal for period ending October 31, 2017. \$322.29 is WVVA portion of total invoice.</p> <p>\$322.29</p> |

| | |
|-------------------------------|--|
| Component Description: | Brooks General Repack legal services for period ending December 31, 2017. \$40.28 is WVVA portion of total invoice |
| Amount: | \$40.28 |

| | |
|-------------------------------|--|
| Component Description: | Brooks General Repack legal services for period ending March 31, 2018. \$28.28 is WVVA portion of total invoice. |
| Amount: | \$28.28 |

| | |
|-------------------------------|---|
| Component Description: | Brooks General Repack Legal services for period ending May 31, 2017. \$190.85 is WVVA portion of total invoice. |
| Amount: | \$190.85 |

| | |
|-------------------------------|-----------------------------------|
| Component Description: | WVVA- BROOKS- DEC18-INV3961877 |
| Amount: | \$198.00 |

| | |
|-------------------------------|--|
| Component Description: | Brooks General Repack Legal Services period ending June 30, 2017. \$266.45 is WVVA portion of total invoice. |
| Amount: | \$266.45 |

| | |
|-------------------------------|--|
| Component Description: | Brooks-WVVA- General JUNE17 inv 3941325 - ONE SEVENTH SEE MEMO |
| Amount: | \$266.44 |

| | |
|-------------------------------|-----------------------------------|
| Component Description: | Brooks-WVVA- General-AUG17 inv |
| Amount: | \$117.85 |

| | |
|-------------------------------|---|
| Component Description: | Brooks- General Repack Legal Services for period ending July 31, 2017. \$275.00 is WVVA portion of total invoice amount. |
| Amount: | \$275.00 |

| | |
|-------------------------------|---|
| Component Description: | Brooks General Repack Legal Services for period ending August 31, 2017. \$177.86 is 1 /7th of total invoice which is WVVA portion. |
| Amount: | \$117.86 |

| | |
|-------------------------------|---|
| Component Description: | Brooks-WVVA- General OCT17 inv- first 6 are at 322.28 last 1 of 7 WVVA is at 322.32 to be to the penny for inv 3945578 - 10-16 ADDED MEMO |
| Amount: | \$322.32 |

| | |
|-------------------------------|--|
| Component Description: | WBNG-BROOKS APRIL18 INV 3952583 |
| Amount: | \$99.00 |
| Component Description: | WVVA BROOKS AUG18 - INV 3957123 |
| Amount: | \$198.00 |
| Component Description: | BROOKS-WVVA- JAN-18 INV 3949058 |
| Amount: | \$49.50 |
| Component Description: | WVVA-BROOKS- INV-3951200- MAR18 |
| Amount: | \$49.50 |
| Component Description: | WVVA - BROOKS JULY18 INV 3955736 |
| Amount: | \$99.00 |
| Component Description: | Brooks-General- MAY17-GEN INV 3940170 -ONE SEVENTH- SEE MEMO |
| Amount: | \$190.85 |

| | |
|--|--|
| | <p>Component Description:</p> <p>Brooks WVVA- General -NOV17 inv 3946865 - first 6 are at 221.57 WVVA is the last of 7 and is at 221.58 to be to the penny for the inv. -10-16- ADDED BROOKS MEMO</p> <p>Amount:</p> <p>\$221.58</p> |
| | <p>Component Description:</p> <p>Brooks-WVVA- General JULY17- inv 3942230 - ONE SEVENTH SEE MEMO</p> <p>Amount:</p> <p>\$275.00</p> |
| | <p>Component Description:</p> <p>WVVA-BROOKS- MAY18 - INV3953763</p> <p>Amount:</p> <p>\$49.50</p> |
| | <p>Component Description:</p> <p>Brooks-WVVA General SEPT17 inv 3944708</p> <p>Amount:</p> <p>\$90.64</p> |
| | <p>Component Description:</p> <p>Brooks General Repack legal services for period ending April 30, 2018. \$28.29 is WVVA portion of total invoice</p> <p>Amount:</p> <p>\$28.29</p> |
| 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 -Prepare and File FCC Form 2100 (main), License to Cover Application | Information not provided. |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | <div> <div> Component Description: Amount: </div> <div> LEGAL MAY17 WVVA \$453.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> LEGAL AUG17 \$470.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> LEGAL SEPT17 WVVA \$141.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> LEGAL 4-17-INV \$470.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> LEGAL JULY17 WVVA \$1,626.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> LEGAL JUNE17 WVVA \$359.00 </div> </div> |
| Prepare request for Special Temporary Authorization | Information not provided. |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | Information not provided. |

| | |
|--|--|
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | Component Description: ENGR- CP - INV Amount: \$1,970.00 |
| Perform engineering study for new channel assignment and antenna development | Component Description: ENGR NEW CH ASSIGN WVVA INV Amount: \$2,100.00 |

Project management of the transition

Component Description: WVVA-PM-AUG-DEC18- INV QC19-021
Amount: \$6,150.00

Component Description: WVVA-PM-8THRU12-INV QC18-023
Amount: \$8,602.50

Component Description: WVVA - QCOMM PM 4THRU7-180 INV QC18-065
Amount: \$3,015.00

Component Description: WVVA-QCOMM PM- JAN - JUN 19 - INV QC19-063
Amount: \$50,250.00

Component Description: WVVA- PM-INV- QC17-148 - PM from Mar thru Aug-17. Please delete previous INV QC17-135, submitted as it is a deposit invoice submitted prior to the FAQ 12/20/17.
Amount: \$18,412.50

Component Description: WVVA-QCOMM- PM 1THRU3-18 - INV QC18-051
Amount: \$7,875.00

Component Description: PM-WVVA DEPOSIT INV
Amount: \$70,007.50

| | |
|--|---------------------------|
| Prepare and or review reimbursement form | Information not provided. |
| Address transition timing and coordination issues w/ other stations and wireless | 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 | \$60,080.00 | \$59,515.00 | | \$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 be 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) | \$10,000.00 | \$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 |
| 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 | \$11,000.00 | N/A | N/A | N/A |
| MVPD Notification of Channel Change | \$5,000.00 | \$5,000.00 | Required FCC notification. | N/A | N/A |
| Sub-total | \$60,080.00 | \$59,515.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$4,873,783.01 | \$4,087,233.72 | N/A | \$2,065,870.20 | N/A |

Components

Information not provided.

| Cost Information | Grand Total | | | |
|------------------|-----------------------|-----------------------------|----------------|----------------|
| | | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
| | | | | |
| | Total for all systems | \$4,873,783.01 | \$4,087,233.72 | \$2,065,870.20 |

| 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 | <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*

11/08/2019

| 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.

| | |
|--|--|
| <p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.</p> | |
| <p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p> | <p>BRADY DREASLER CORPORATE DIRECTOR OF ENGINEERING</p> <p>11/08/2019</p> |

Attachments