

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

| Facility ID: File | 1 | Service: DTV 27492 | Call Sign: | WSJV | Channel: 30 (UHF) |
|-------------------------|----------|-----------------------|---------------|------|--------------------------|
| Number: | | | | | |
| FRN: 00 | 18223693 | Date | 08/25 | | |
| | | Submitted: | /2017 | | |

Applicant Name, Type, and Contact Information

Information

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

Reimbursement Contact Name and Information Reimbursement Contact Information

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

| Preparer | Preparer Contact Name and Information | | | |
|------------------------|--|---|-----------------------|--------------------|
| Contact Information | Applicant | Address | Phone | Email |
| | Tony zumMallen 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. | Νο |
| | Briefly describe transition plan | The station will transition from ch28 to ch30 and will require a new transmitter and antenna along with an interim system to allow continuous operations during the transition |

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

| Primary | Existing Transmitter Information | | | | |
|-------------|-------------------------------------|--|-------------------|--|--|
| Transmitter | 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 | 14.0 kW | | |

Existing Transmitter Information

| Primary | New Transmitter Costs | | | | | |
|-------------|-----------------------|---|---|--|--|--|
| Transmitter | Section | Question | Response | | | |
| | New Transmitter | Use | Primary (Main) | | | |
| | | Change Type | Purchase New | | | |
| | | Is this a request for upgraded equipment? | No | | | |
| | | Manufacturer | | | | |
| | | Model | ULXTE-24 | | | |
| | | Transmitter Type | Solid State | | | |
| | | Solid State Cooling | Liquid Cooled | | | |
| | | Solid State Power capacity | 13 kW | | | |
| | | Justification for New Transmitter | Transmitter manufacturer says existing transmitter is not tunable. One power- level step increase is requested. Due to current demonstrated headroom. | | | |

| Primary | Other Transmitter Costs | | | | |
|-------------|-------------------------|---------------------------------------|----------|--|--|
| Transmitter | 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 | | |
| | | | | | |

Other Transmitter Costs

| | Size | 2 inches |
|---|--|-----------------|
| | Length | 700.0 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 | | |
| | Disconnect existing Transmitter | Disconnect transmitter and components from existing configuration and move within building to make way for new facilities. | | |
| | 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 - 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.

| Interim | New Transmitter Costs | | | | |
|-------------|-----------------------|-----------------------------------|--|--|--|
| Transmitter | Section | Question | Response | | |
| | New Transmitter | Use | Interim | | |
| | | Description of Use | N/A | | |
| | | Change Type | Purchase | | |
| | | Manufacturer | | | |
| | | Model | UAXTE-2R | | |
| | | Transmitter Type | Solid State | | |
| | | Solid State Cooling | Air Cooled | | |
| | | Solid State Power capacity | 1.2 kW | | |
| | | Justification for New Transmitter | Required to maintain station broadcast operations during the channel reassignment project. | | |

| 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 |
| | | | |

Other Transmitter Costs

| | Description | N/A |
|---|--|-----|
| HVAC Service | Does the replacement transmitter require HVAC Service? | No |
| | Туре | N/A |
| | Size | N/A |
| | Other Size | N/A |
| Transmitter Building 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 |
| Inside RF System | Is an additional interior RF system required to support this interim transmitter? | Yes |

Other Transmitter Cost Not Listed

Transmitter Information not provided.

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

| Primary Antenna | Existing Antenna Information | | | |
|--------------------|---|--|--------------------|--|
| | Section | Question | Response | |
| | Existing Antenna Description | Type of change | Purchase New | |
| | | Antenna Use | Primary (Main) | |
| | | Description of Use | N/A | |
| | | Ownership | Owned | |
| | | Owner | N/A | |
| | | Site | N/A | |
| | | Is the existing antenna shared with another station or stations? | No | |
| | | Is the existing antenna directional? | Yes | |
| | | Is antenna in operating condition? | Yes | |
| | | Is antenna located on or in close proximity to an antenna farm? | No | |
| | Existing Antenna Manufacturer and Type | Class | Full Power | |
| | | Mounting | Top Mount | |
| | | Antenna position in stack | Not in Stack | |
| | | Polarization | Horizontal | |
| | | Туре | Slotted Coaxial | |
| | | Number of Stations Supported | N/A | |
| | | Number of Panels | N/A | |
| | | Design power capacity in use | N/A | |
| | | Lower Limit | N/A | |
| | | Upper Limit | N/A | |
| | | Other Antenna Type | N/A | |
| | | ERP: (Effective Radiated Power) | 311.0 kW | |

| Manufacturer | |
|--------------|---------|
| Model | TWS-30T |
| Year | 2001 |

| Primary | New Antenna Costs | | | |
|---------|---------------------------------------|--|-------------------|--|
| Antenna | Section | Question | Response | |
| | New Antenna Description | Use | Primary (Main) | |
| | | Description of Use | N/A | |
| | | Change Type | Purchase New | |
| | | Is this a request for upgraded equipment? | Yes | |
| | | Ownership | Owned | |
| | | Owner | N/A | |
| | | Is antenna shared? | No | |
| | | Is antenna directional? | Yes | |
| | | Will antenna be located on or in close proximity to an antenna farm? | No | |
| | New Antenna Manufacturer and Types | Class | Full Power | |
| | | Mounting | Top Mount | |
| | | Antenna position in stack | Not in Stack | |
| | | Polarization | Elliptical | |
| | | Туре | Broadband Slot | |
| | | Number of Stations Supported | 1 | |
| | | Number of Panels/Bays | 9 | |
| | | 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) | 324.0 kW | |
| | | Manufacturer | | |
| | | | | |

| Model | TFU-27ET /VP-R 3T170 |
|-------------------------------|--|
| Year | 2017 |
| Justification for New Antenna | Required t facilitate the new channel change. Added VP used horizontal cost as EST. |

Primary Other Antenna Costs

| Antenna | 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 | 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
AntennaOther Antenna Cost Not ListedInformation not provided.

| Interim | New Antenna Costs | | | |
|---------|--------------------------------------|--|----------------------|--|
| Antenna | Section | Question | Response | |
| | New Antenna Description | Use | Interim | |
| | | Description of Use | N/A | |
| | | Change Type | Purchase 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 | |
| | | Туре | Broadband Slot | |
| | | Number of Stations Supported | 1 | |
| | | Number of Panels/Bays | 16 | |
| | | 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) | 160.0 kW | |
| | | Manufacturer | | |
| | | Model | TFU-16WB- R-RC160 | |
| | | Year | 2016 | |
| | | | 2016 | |

| Justification for New Antenna | Required to maintain stations broadcast operations during the channel relocation project. |
|-------------------------------|---|

| 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 | 3 1/8 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 Other Antenna Cost Not Listed

Antenna

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

| Primary | Existing Transmission Line | | | |
|-------------|---|--|----------------------|--|
| Transmissio | n 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 | Manufacturer | | |
| | Line Manufacturer and Type | Туре | Rigid | |
| | | Diameter | 6 1/8 inches | |
| | | Other Diameter | N/A | |
| | | Segment Length | 19 3/4 inches | |
| | | Other Segment Length | N/A | |
| | | Number of parallel runs | 1 | |
| | | Length | 1073 feet per run | |

| Primary | New Transmission Line | | | |
|-------------|--------------------------------|---|---|--|
| Transmissio | n Line | 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 | |
| | | Туре | Rigid | |
| | | Diameter | 6 1/8 inches | |
| | | Other Diameter | N/A | |
| | | Segment Length | 19 3/4 inches | |
| | | Other Segment Length | N/A | |
| | | Number of parallel runs | 1 | |
| | | Length | 1073 feet per run | |
| | | Justification for New Transmission Line | Required to operate on the new channel assignment frequencies. Corrected the existing TX Dia to 19 3/4 for CH 28. 19 3 /4 will not work on new CH30. | |

Other Transmission Line Expenses Not Listed Transmission Line 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 | New Transmission Line | | |
|-------------|-----------------------|---|--|
| Transmissio | n Section | Question | Response |
| | New Transmission Line | Use | Interim |
| | Costs | Description of Use | N/A |
| | | Change Type | Purchase New |
| | | Туре | Rigid |
| | | Diameter | 3 1/8 inches |
| | | Segment Length | 19 ¾ ' |
| | | Other Segment Length | |
| | | Number of parallel runs | 1 |
| | | Length | 1075 feet per run |
| | | Justification for New Transmission Line | Required to have continuous operations during the channel reassignment project. |

Other Transmission Line Expenses Not Listed

Transmission net provided.

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

Existing Tower

| Primary | Existing Tower | | | |
|---------|--|---|----------------------|--|
| Tower | Section | Question | Response | |
| | Existing Tower Description | Type of change | Move Equipment | |
| | | Tower Use | Primary (Main) | |
| | | Description of Use | N/A | |
| | | Ownership | Owned | |
| | | 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? | Yes | |
| | | Is tower compliant with Rev G? | Unknown | |
| | Existing Tower | Do you have a tower registration number? | Yes | |
| | Structure Registration | ASR Number | 1011421 | |
| | Coordinates (NAD83 (North American Datum | Latitude (NAD83) | 41° 36' 58.0" N- | |
| | of 1983)) | Longitude (NAD83) | 086° 11' 38.0" W- | |
| | | Overall Structure Height | 1047.89 feet | |
| | | Support Structure Height | 986.21 feet | |
| | | Ground Elevation Above Mean Sea Level (AMSL) | 870.07 feet | |
| | | | 1 | |

| Structure Type | GTOWER - Guyed Structure Used for Communication Purposes |
|------------------|---|
| Tower Owner | WSJV Television, Inc. |
| Date Constructed | 10/01/1988 |

Primary Tower Section

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

Other Tower Expenses Not Listed

PrimaryOther Tower ExpensTowerInformation not provided.

| Outside | Section | Question | Response |
|--------------|--|--|--|
| Professional | Services Costs Outside Project Management Services | Do you require outside project management services? | Yes |
| | | Number of Hours | 934 |
| | | Explanation | Required to assist in the turnkey management of the channel relocation project in order that the existing internal personal can maintain and operate the stations daily operational requirements and plans. |
| | 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 | 2 |
| | | 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 | Yes |
| | Quantity | 2 |
| | 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 Other Professional Services Expenses Not Listed

| Professional | Services Costs | Description |
|--------------|---------------------|--|
| | Quarterly reporting | Preparation and submittal of the FCC required quarterly report 387 by PM and attorney. |

| Other | Section | Question | Response |
|----------|---------------------------------|--|----------|
| Expenses | AM Pattern Disturbance | Is an Impact Study needed? | Yes |
| | | Is Remediation needed? | Yes |
| | 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 Not Listed

Expenses Information not provided.

Transmitters

Cost Information

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|--------------------------------|-------------------|------------------------------------|----------------|------------------------------|
| Interim Transmitter UAXTE-2R | \$322,100.00 | \$306,300.00 | | \$0.00 | |
| 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 | N/A | N/A |
| Switchgear - industrial 800 amp | \$38,200.00 | \$36,300.00 | N/A | N/A | N/A |
| UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW | \$126,000.00 | \$120,000.00 | N/A | N/A | N/A |
| Primary Transmitter ULXTE-24 | \$754,400.00 | \$720,300.00 | | \$0.00 | |
| 25 Ton system | \$91,500.00 | \$87,000.00 | N/A | N/A | N/A |
| Transformer 3 phase/480v - 300 KVA | \$36,800.00 | \$35,000.00 | N/A | N/A | N/A |
| Switchgear - industrial 800 amp | \$38,200.00 | \$36,300.00 | 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 |

| 2" Rigid Conduit and Wiring (Cost per foot) | \$18,200.00 | \$17,500.00 | N/A | 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 |
| Securirty - 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 |
| Transmitter - Training | \$3,300.00 | \$3,300.00 | Transmitter training - offsite - 1 week in duration at mfg site. | N/A | 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. | N/A | N/A |
|---|----------------|----------------|---|--------|-----|
| UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW | \$494,500.00 | \$470,000.00 | N/A | N/A | N/A |
| Sub-total | \$1,076,500.00 | \$1,026,600.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$2,391,058.00 | \$2,290,086.00 | N/A | \$0.00 | N/A |

Components

Antennas

Cost Information

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|--------------------------------|-------------------|------------------------------------|----------------|------------------------------|
| Interim Antenna TFU- 16WB-R- RC160 | \$133,880.00 | \$127,280.00 | | \$0.00 | |
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | \$5,260.00 | \$5,000.00 | N/A | N/A | N/A |
| Side mount brackets for high power antennas (if not included in antenna base cost) | \$23,150.00 | \$22,000.00 | N/A | N/A | N/A |
| Elbow complex, broadband, at antenna input, per 3 1 /8. feedline (if needed) | \$9,340.00 | \$8,880.00 | N/A | N/A | N/A |

| UHF - Lower Power Side Mount, One station antenna - medium power (50- 200 kW), horizontally polarized | \$89,400.00 | \$85,000.00 | N/A | N/A | N/A |
|---|--------------|--------------|--|--------|-----|
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | N/A | N/A |
| Primary Antenna TFU- 27ETT/VP-R 3T170 | \$260,690.00 | \$259,400.00 | | \$0.00 | |
| Elbow complex, broadband, at antenna input, per 6 1 /8. feedline (if needed) | \$13,700.00 | \$13,000.00 | N/A | N/A | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | N/A | N/A |
| UHF - High Power Top Mount One Station antenna elliptically or circularly polarized | \$235,000.00 | \$235,000.00 | tool did not populate the predetermined est catalog price for an equivalent horizontally antenna. | N/A | 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 |

| Sub-total | \$394,570.00 | \$386,680.00 | N/A | \$0.00 | N/A |
|-----------------------|----------------|----------------|-----|--------|-----|
| Total for all systems | \$2,391,058.00 | \$2,290,086.00 | N/A | \$0.00 | N/A |

Components

Transmission Line

Cost Information

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

| Description Interim Transmission Line | Predetermined Cost Estimate \$111,800.00 | Estimated Cost \$106,425.00 | Estimated Cost Justification | Actual Cost \$0.00 | Actual Cost Justification |
|---|--|-----------------------------------|---|--------------------------|------------------------------|
| Rigid Transmission Line - copper, 3 1/8" | \$111,800.00 | \$106,425.00 | N/A | N/A | N/A |
| Primary Transmission Line | \$229,246.00 | \$218,516.00 | | \$0.00 | |
| 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" | \$216,746.00 | \$206,016.00 | N/A | N/A | N/A |
| Sub-total | \$341,046.00 | \$324,941.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$2,391,058.00 | \$2,290,086.00 | N/A | \$0.00 | N/A |

Components

Tower Equipment and Rigging Costs

Cost Information

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--------------------------------------|--------------------------------|-------------------|------------------------------------|----------------|------------------------------|
| Primary Tower GTOWER | \$210,500.00 | \$200,000.00 | | \$0.00 | |
| Tall Tower (greater than 500') | \$210,500.00 | \$200,000.00 | N/A | N/A | N/A |
| Sub-total | \$210,500.00 | \$200,000.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$2,391,058.00 | \$2,290,086.00 | N/A | \$0.00 | N/A |

Components

Outside Professional Services

Cost Information

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|--------------------------------|-------------------|------------------------------------|----------------|------------------------------|
| Outside Professional Services | \$279,422.00 | \$264,850.00 | | \$0.00 | |
| Comprehensive coverage verification via field study, if needed | \$84,200.00 | \$80,000.00 | N/A | N/A | N/A |
| Attorney Fees - Negotiation of lease and other matters for shared locations | \$4,210.00 | \$4,000.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application | \$2,365.00 | \$2,250.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00 | \$5,000.00 | N/A | N/A | N/A |
| Prepare request for Special Temporary Authorization | \$4,100.00 | \$3,000.00 | N/A | N/A | N/A |

| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00 | \$3,000.00 | N/A | N/A | N/A |
|---|--------------|--------------|--|-----|-----|
| Attorney Fees - Prepare and File request for Special Temporary Authorization | \$7,360.00 | \$7,000.00 | N/A | N/A | N/A |
| Quarterly reporting | \$7,000.00 | \$7,000.00 | Preparation and submittal of the FCC required quarterly report 387 by PM and attorney. | N/A | N/A |
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$7,000.00 | N/A | N/A | N/A |
| Address transition timing and coordination issues w/ other stations and wireless | \$2,630.00 | \$2,500.00 | N/A | N/A | N/A |
| Prepare and or review reimbursement form | \$2,630.00 | \$2,500.00 | N/A | N/A | N/A |
| Project management of the transition | \$147,572.00 | \$140,100.00 | 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 |
|---|----------------|----------------|-----|--------|-----|
| Sub-total | \$279,422.00 | \$264,850.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$2,391,058.00 | \$2,290,086.00 | N/A | \$0.00 | N/A |

Components

Other Expenses

Cost Information

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|--------------------------------|-------------------|---|----------------|------------------------------|
| Other Expenses | \$89,020.00 | \$87,015.00 | | \$0.00 | |
| Develop and air announcement of upcoming channel change | \$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 |
| Equipment Storage | \$10,000.00 | \$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 |

| 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 |
|---|-------------|-------------|--|-----|-----|
| DTV Medical Facility Notification | \$11,550.00 | \$11,000.00 | N/A | N/A | N/A |
| AM Pattern Disturbance Impact study | \$7,890.00 | \$7,500.00 | N/A | N/A | N/A |
| Equipment Delivery and Handling Charges | \$8,000.00 | \$8,000.00 | Transport, forklift rental and handling fees from staging area to transmitter site. | N/A | N/A |
| AM Pattern Disturbance Remedy | \$21,050.00 | \$20,000.00 | N/A | N/A | N/A |
| MVPD Notification of Channel Change | \$5,000.00 | \$5,000.00 | Required FCC notification. | N/A | N/A |
| 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 |
| | | | | | |

| Total for all | \$2,391,058.00 | \$2,290,086.00 | N/A | \$0.00 | N/A |
|---------------|----------------|----------------|-----|--------|-----|
| systems | | | | | |

Components

| Cost | Grand Total | | | | |
|-------------|-----------------------|--------------------------------|----------------|-------------|--|
| Information | | Predetermined Cost Estimate | Estimated Cost | Actual Cost | |
| | Total for all systems | \$2,391,058.00 | \$2,290,086.00 | \$0.00 | |

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

| Certification | Section | Question | Response |
|---------------|--|---|----------|
| | Submission of Estimated Expenses Statements | WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT. | |
| | | 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. 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).
- 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 08/25/2017 |

Attachments