



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **13594** | Service: **DTV** | Call **WEDW** | Channel: **21 (UHF)**
 ID: | Sign:
 File **0000027937**
 Number:
 FRN: **0003574662** | Date **12/20**
 Submitted: **/2018**

Applicant Information

Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|---|--|-------------------|------------------------|----------------|
| CONNECTICUT PUBLIC BROADCASTING, INC. | Meg Sakellarides | +1 (860) 278-5310 | msakellarides@cptv.org | Not-for-Profit |
| Doing Business As: CONNECTICUT PUBLIC TELEVISION | 1049 ASYLUM AVENUE HARTFORD, CT 06105 United States | | | |

Reimbursement Contact Information

Reimbursement Contact Name and Information

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

Preparer Contact Information

Preparer Contact Name and Information

| Applicant | Address | Phone | Email |
|--|---------|-------|-------|
| The Preparer is same as the reimbursement contact. | | | |

Broadcaster Information and Transition Plan

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

| | |
|---|--|
| <p>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.</p> | <p>No</p> |
| <p>Briefly describe transition plan</p> | <p>Purchase of a new transmitter, new transmission line, and new antenna. Current transmitter cannot be retuned to the new channel. Interim antenna and interim transmission line are planned during transition to main antenna.</p> |

Transmitters

| Section | Question | Response |
|--|--|------------|
| <p>Transmitter Related Expenses</p> | <p>Do you have transmitter related expenses?</p> | <p>Yes</p> |

**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 | Ultimate TDU2 5K00LV |
| | Year | 2002 |
| | Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power Capacity | 5 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 | Parallax 6.5 kW UHF Cooled |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 6.5 kW |
| | Justification for New Transmitter | Comark, the manufacturer, has indicated that the existing transmitter cannot be retuned to meet the new channel requirement. The existing transmitter is channel-specific. |

Primary Transmitter

Other Transmitter Costs

| Section | Question | Response |
|---------------------------|---------------------------------------|----------|
| Electrical Service | Service Entrance (3 phases 800A 208V) | No |
| | Switchgear (industrial 800 amp) | No |
| | Transformer (480V) | No |

| | | |
|--|---|--|
| | Power | N/A |
| | Rigid Conduit and Wiring | Yes |
| | Size | 4 inches |
| | Length | 100.0 feet |
| | Other Electrical Service | Yes |
| | Description | Labor and materials to accomplish either modification of existing electrical service or new electrical service and new wiring for new transmitter and 3-phase 208V and wiring for 480 3-phase. |
| 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 |
|-----|

**Primary
Transmitter**

Other Transmitter Cost Not Listed

| Name | Description |
|-------------|--------------------|
| Mask Filter | 8-Pole Mask Filter |

Antennas

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

**Primary
Antenna**

Existing Antenna Information

| Section | Question | Response |
|---|--|--------------------|
| Existing Antenna Description | Type of change | Purchase New |
| | Antenna Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is the existing antenna shared with another station or stations? | No |
| | Is the existing antenna directional? | Yes |
| | Is antenna in operating condition? | Yes |
| | Is antenna located on or in close proximity to an antenna farm? | No |
| Existing Antenna Manufacturer and Type | Class | Full Power |
| | Mounting | Top Mount |
| | Antenna position in stack | Top |
| | Polarization | Horizontal |
| | Type | Slotted Coaxial |
| | Number of Stations Supported | N/A |
| | Number of Panels | N/A |
| | Design power capacity in use | N/A |
| | Lower Limit | N/A |
| | Upper Limit | N/A |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 170.0 kW |

| | |
|--------------|--------------|
| Manufacturer | |
| Model | TFU-20JDAS/P |
| Year | 1980 |

**Primary
Antenna**

New Antenna Costs

| Section | Question | Response |
|--|--|-----------------|
| New Antenna Description | Use | Primary (Main) |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Ownership | Owned |
| | Owner | N/A |
| | Is antenna shared? | No |
| | Is antenna directional? | Yes |
| | Will antenna be located on or in close proximity to an antenna farm? | No |
| | New Antenna Manufacturer and Types | Class |
| Mounting | | Top Mount |
| Antenna position in stack | | Top |
| Polarization | | Horizontal |
| Type | | Slotted Coaxial |
| Number of Stations Supported | | N/A |
| Number of Panels/Bays | | N/A |
| Lower Limit | | N/A |
| Upper Limit | | N/A |
| Design power capacity in use | | N/A |
| Other Antenna Type | | N/A |
| ERP: (Effective Radiated Power) | | 96.6 kW |
| Manufacturer | | |

| | |
|-------------------------------|--|
| Model | TFU-15JTH-R P230 |
| Year | 2019 |
| Justification for New Antenna | Existing antenna is single channel and is channel-specific. Per Dielectric, the quoted antenna (see quote) is a high-power top-mount antenna and Dielectric does not make an antenna lower than 200kw that is top mounted. This is a like for like exchange. |

Primary Antenna

Other Antenna Costs

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

| | | |
|---------------------------------|---|----------------------|
| | Do you need a combiner output splitter /switcher for dual feed lines? | N/A |
| Elbow Complex | Do you require the separate purchase of the Elbow Complex? | Yes |
| | Broadband or Single Channel? | Single Channel |
| | Feed Line Size | 4 1/16 inches inches |
| Side Mount Brackets | Do you require the separate purchase of side mount brackets for a high power antenna? | No |
| Pattern Scatter Analysis | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | No |
| Sweep Test | Do you require the sweep testing of transmission line and antenna? | Yes |

Primary Antenna

Other Antenna Cost Not Listed

| Name | Description |
|-------------------------------|--|
| Project Expenses | Other services |
| Reducer | Reducer 4-50 EIA X 3-50 STD QS |
| Spring Assy Watch Band | Spring Assy Watch Band Assy 1.38 ID QS |
| Rubbing Shoe | 4-50/6 CONN QS |
| Screw Shoulder | 1/4-20 5/16 DIA |

**Interim
Antenna**

New Antenna Costs

| Section | Question | Response |
|--|--|--------------------|
| New Antenna Description | Use | Interim |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Ownership | Owned |
| | Owner | N/A |
| | Is antenna shared? | No |
| | Is antenna directional? | No |
| | Will antenna be located on or in close proximity to an antenna farm? | No |
| New Antenna Manufacturer and Type | Class | Full Power |
| | Mounting | Side Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Horizontal |
| | Type | Slotted Coaxial |
| | Number of Stations Supported | N/A |
| | Number of Panels/Bays | N/A |
| | Lower Limit | N/A |
| | Upper Limit | N/A |
| | Design power capacity in use | N/A |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 170.0 kW |
| | Manufacturer | |
| | Model | TFU-8WB |
| | Year | 2019 |

| | |
|-------------------------------|---|
| Justification for New Antenna | In order to complete the project, an interim antenna is necessary while the main antenna is being replaced. |
|-------------------------------|---|

Interim Antenna

Other Antenna Costs

| Section | Question | Response |
|---------------------------------|---|----------|
| Elbow Complex | Do you require the separate purchase of the Elbow Complex? | No |
| | Broadband or Single Channel? | N/A |
| | Feed Line Size | N/A |
| Side Mount Brackets | Do you require the separate purchase of side mount brackets for an antenna? | No |
| Pattern Scatter Analysis | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | No |
| Sweep Test | Do you require the sweep testing of transmission line and antenna? | Yes |

Interim Antenna

Other Antenna Cost Not Listed

Information not provided.

**Transmission
Line**

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

**Primary
Transmission
Line**

Existing Transmission Line

| Section | Question | Response |
|---|--|---------------------|
| Existing Transmission Line Description | Type of change | 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 | 4 1/16 inches |
| | Other Diameter | N/A |
| | Segment Length | 19 3/4 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 600 feet per run |

**Primary
Transmission
Line**

New Transmission Line

| Section | Question | Response |
|------------------------------------|---|------------------|
| New Transmission Line Costs | Use | Primary (Main) |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Type | Rigid |
| | Diameter | 4 1/16 inches |
| | Other Diameter | N/A |
| | Segment Length | 19 1/2 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 600 feet per run |

Justification for New Transmission Line

Dielectric has indicated that the existing WR1500 motorized four-port switch and the existing WR1500 waveguides and adapters used both inside and outside to the horizontal run to the tower base will not work on channel 21.

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

| Name | Description |
|------------------|----------------|
| Project Expenses | Other services |

**Interim
Transmission
Line**

New Transmission Line

| Section | Question | Response |
|------------------------------------|---|---|
| New Transmission Line Costs | Use | Interim |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Type | Flexible Air |
| | Diameter | 3 inches |
| | Segment Length | N/A |
| | Other Segment Length | |
| | Number of parallel runs | 1 |
| | Length | 600 feet per run |
| | Justification for New Transmission Line | In order to complete the project, an interim transmission line is necessary while the main antenna is being replaced. |

**Interim
Transmission
Line**

Other Transmission Line Expenses Not Listed

Information not provided.

Tower Equipment And Rigging Costs

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

Primary Tower

Existing Tower

| Section | Question | Response |
|--|---|-------------------|
| Existing Tower Description | Type of change | 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? | Yes |
| | One or more FM, AM or TV radio broadcaster(s) | Yes |
| | Others Types of Users | Yes |
| | Is tower documented for structural analysis? | Unknown |
| | Is tower compliant with Rev G? | Unknown |
| Existing Tower Structure Registration | Do you have a tower registration number? | Yes |
| | ASR Number | 1205267 |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 41° 16' 44.3" N- |
| | Longitude (NAD83) | 073° 11' 06.4" W- |
| | Overall Structure Height | 491.14 feet |
| | Support Structure Height | 459.97 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 520.01 feet |

| | |
|------------------|--|
| Structure Type | TOWER - Free Standing or Guyed Structure |
| Tower Owner | Pinnacle Towers LLC |
| Date Constructed | 06/01/1953 |

FM, AM or TV radio broadcasters. Facility ID's, Call Signs and Services of other broadcast stations with whom the tower is shared

| Facility ID | Call Sign | Service |
|-------------|-----------|---------|
| 48721 | WEZN-FM | FM |
| 58515 | WSHU-FM | FM |

Other Types of Users

| Users |
|----------------|
| Cell Providers |

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 |
|-------------|--|
| Tower Lease | Additional tower rent expense for interim antenna and transmission line necessary during transition. |

Outside Professional Services Costs

| Section | Question | Response |
|---|--|---|
| Outside Project Management Services | Do you require outside project management services? | Yes |
| | Number of Hours | 100 |
| | Explanation | The transmitter manufacturer will project manage the project. |
| 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 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 | 2 |
| | NEPA Section 106 environmental review | No |
| | Environmental Assessment | No |
| | ASR Modification | Yes |
| | FAA Consultation (including preparation of FAA Form 7460) | Yes |
| | Negotiation of Lease and other Matter for Shared Locations | Yes |
| | Prepare or Review FCC Form 399 for Reimbursement | Yes |
| | Address transition timing and coordination issues w/ other stations and wireless providers | Yes |
| RF Field Engineering Services | Comprehensive coverage verification via field study | Yes |
| | RF exposure measurements | Yes |
| | Additional Field Engineering Service | No |
| | Number of Days | N/A |
| | Justification | N/A |

Other Professional Services Expenses Not Listed

Outside Professional Services Costs

| Name | Description |
|------------------|--------------------------------|
| Project Expenses | See attached detailed estimate |

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 | Yes |
| | Non-zoning permits | Yes |
| | BLM or NFS Coordination | No |
| | FCC Construction Permit Minor Change | No |
| | FCC License to Cover Application | No |
| | 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**

Other Expenses Not Listed

| Name | Description |
|---------------------------------------|-----------------------------|
| Engineering and Administrative | Internal Project management |

Cost Information

Transmitters

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|-----------------------------|---------------------|--|-------------------|---------------------------|
| Primary Transmitter Parallax 6.5 kW UHF Cooled | \$313,600.00 | \$299,600.00 | | \$5,150.00 | |
| Other Electrical Service: Labor and materials to accomplish either modification of existing electrical service or new electrical service and new wiring for new transmitter and 3-phase 208V and wiring for 480 3-phase. | <i>\$15,000.00</i> | \$15,000.00 | See attached quote for electrical service. | \$5,150.00 | N/A |
| Mask Filter | <i>\$15,000.00</i> | \$15,000.00 | N/A | N/A | N/A |
| 4" Rigid Conduit and Wiring (Cost per foot) | \$10,100.00 | \$9,600.00 | N/A | N/A | N/A |

| | | | | | |
|---|----------------|----------------|-----|-------------|-----|
| UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW | \$273,500.00 | \$260,000.00 | N/A | N/A | N/A |
| Sub-total | \$313,600.00 | \$299,600.00 | N/A | \$5,150.00 | N/A |
| Total for all systems | \$1,362,953.19 | \$1,205,380.69 | N/A | \$22,466.05 | N/A |

Components

| Actual Information | |
|---|--|
| Description | File Name |
| Other Electrical Service: Labor and materials to accomplish either modification of existing electrical service or new electrical service and new wiring for new transmitter and 3-phase 208V and wiring for 480 3-phase. | <p>Component Description: Work done at the Trumbull location</p> <p>Amount: \$5,150.00</p> |
| Mask Filter | Information not provided. |
| 4" Rigid Conduit and Wiring (Cost per foot) | Information not provided. |
| UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW | 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 | \$96,130.00 | \$91,400.00 | | \$0.00 | |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | 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 |
| Primary Antenna TFU-15JTH-R P230 | \$283,738.19 | \$194,423.19 | | \$0.00 | |
| Screw Shoulder | <i>\$78.75</i> | \$78.75 | N/A | N/A | N/A |
| Rubbing Shoe | <i>\$288.75</i> | \$288.75 | N/A | N/A | N/A |
| Spring Assy Watch Band | <i>\$1,076.25</i> | \$1,076.25 | N/A | N/A | N/A |
| Reducer | <i>\$1,860.00</i> | \$1,860.00 | N/A | N/A | N/A |

| | | | | | |
|---|--------------------|----------------|---|-------------|-----|
| UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized | \$247,000.00 | \$161,000.00 | See Attached quote from Dielectric, the antenna manufacturer. | N/A | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | N/A | N/A |
| Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed) | \$9,570.00 | \$6,585.00 | N/A | N/A | N/A |
| Project Expenses | \$17,134.44 | \$17,134.44 | N/A | N/A | N/A |
| Sub-total | \$379,868.19 | \$285,823.19 | N/A | \$0.00 | N/A |
| Total for all systems | \$1,362,953.19 | \$1,205,380.69 | N/A | \$22,466.05 | N/A |

Components

| Actual Information | |
|--------------------------------|---|
| Description | File Name |
| Sweep test of existing antenna | <p>Component Description: Sweep & Pulse and undetermined length of flexible Transmission Line located at the WEDW-DT Transmitter site</p> <p>Amount: \$2,460.00</p> |

| | |
|--|---------------------------|
| UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized | Information not provided. |
| Screw Shoulder | Information not provided. |
| Rubbing Shoe | Information not provided. |
| Spring Assy Watch Band | Information not provided. |
| Reducer | Information not provided. |
| UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized | Information not provided. |
| Sweep test of existing antenna | Information not provided. |
| Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed) | Information not provided. |
| Project Expenses | 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 | \$35,400.00 | \$33,600.00 | | \$0.00 | |
| Flexible Air Transmission Line - dielectric, 3" | \$35,400.00 | \$33,600.00 | N/A | N/A | N/A |
| Primary Transmission Line | \$90,930.00 | \$50,461.00 | | \$0.00 | |
| Project Expenses | <i>\$5,730.00</i> | \$5,730.00 | N/A | N/A | N/A |
| Rigid Transmission Line - copper, 4 1/16" | \$85,200.00 | \$44,731.00 | See attached quote for transmission line. | N/A | N/A |
| Sub-total | \$126,330.00 | \$84,061.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$1,362,953.19 | \$1,205,380.69 | N/A | \$22,466.05 | 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 | \$155,715.00 | \$151,515.00 | | \$0.00 | |
| Tower Lease | <i>\$71,515.00</i> | \$71,515.00 | N/A | N/A | N/A |
| Short Tower (less than 500') | \$84,200.00 | \$80,000.00 | N/A | N/A | N/A |
| Sub-total | \$155,715.00 | \$151,515.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$1,362,953.19 | \$1,205,380.69 | N/A | \$22,466.05 | N/A |

Components

Information not provided.

Cost Information

Outside Professional Services

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|-----------------------------|---------------------|--------------------------------|--------------------|---------------------------|
| Outside Professional Services | \$180,890.00 | \$178,381.50 | | \$14,856.05 | |
| Project Expenses | <i>\$14,980.00</i> | \$14,980.00 | See attached detailed estimate | N/A | N/A |
| RF Exposure Measurements | \$21,050.00 | \$20,000.00 | N/A | N/A | N/A |
| Comprehensive coverage verification via field study, if needed | \$84,200.00 | \$80,000.00 | N/A | N/A | N/A |
| FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase | \$2,105.00 | \$2,000.00 | N/A | N/A | N/A |
| ASR modification (prepare FCC Form 854) | \$2,105.00 | \$2,000.00 | 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 |

| | | | | | |
|---|------------|------------|-----|------------|-----|
| 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 | \$0.00 | 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), 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 | \$2,000.00 | N/A |
| Address transition timing and coordination issues w/ other stations and wireless | \$2,630.00 | \$2,500.00 | N/A | \$250.50 | N/A |

| | | | | | |
|--|----------------|----------------|---|-------------|-----|
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$7,000.00 | N/A | \$2,125.00 | N/A |
| Attorney Fees - Negotiation of lease and other matters for shared locations | \$4,210.00 | \$10,000.00 | Lease negotiations with Crown castle protracted and complicated given shared operation under Channel Share Agreement. | \$546.50 | N/A |
| Prepare and or review reimbursement form | \$2,630.00 | \$3,151.50 | Professional Services Invoices | \$2,251.50 | N/A |
| Project management of the transition | \$15,800.00 | \$15,000.00 | N/A | \$7,682.55 | N/A |
| Sub-total | \$180,890.00 | \$178,381.50 | N/A | \$14,856.05 | N/A |
| Total for all systems | \$1,362,953.19 | \$1,205,380.69 | N/A | \$22,466.05 | N/A |

Components

| Actual Information | |
|--|---------------------------|
| Description | File Name |
| Project Expenses | Information not provided. |
| RF Exposure Measurements | Information not provided. |
| Comprehensive coverage verification via field study, if needed | Information not provided. |

| | |
|--|--|
| FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase | Information not provided. |
| ASR modification (prepare FCC Form 854) | 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 | Information not provided. |
| 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 | <p>Component Description: Engineering study Construction Permit Application (Main)</p> <p>Amount: \$2,000.00</p> |
| Address transition timing and coordination issues w/ other stations and wireless | <p>Component Description: Address transition timing and coordination.</p> <p>Amount: \$39.00</p> |

Component Description: Attorney Fees to
Address Transition
Timing
Amount: \$39.00

Component Description: Reversal of initial
cost component
submitted
Amount: (\$39.00)

Component Description: Address transition
timing and
coordination.
Amount: \$39.00

Component Description: Attorney Fees to
Address Transition
Timing
Amount: \$172.50

Component Description: Address transition
timing and
coordination.
Amount: \$172.50

Component Description: Reversal of initial
cost component
submitted
Amount: (\$172.50)

Component Description: Attorney Fees to
Address Transition
Timing
Amount: \$39.00

| | | |
|---|--------------------------------------|---|
| | <p>Component Description:</p> | <p>Reversal of initial cost component submitted</p> |
| | <p>Amount:</p> | <p>\$39.00</p> |
| <p>Perform engineering study for new channel assignment and antenna development</p> | <p>Component Description:</p> | <p>Reversal of initial cost component submitted</p> |
| | <p>Amount:</p> | <p>(\$1,250.00)</p> |
| | <p>Component Description:</p> | <p>Reversal of initial cost component submitted</p> |
| | <p>Amount:</p> | <p>(\$875.00)</p> |
| | <p>Component Description:</p> | <p>Engineering study work for new channel assignment and antenna development.</p> |
| | <p>Amount:</p> | <p>\$875.00</p> |
| | <p>Component Description:</p> | <p>Engineering study work for new channel assignment and antenna development.</p> |
| | <p>Amount:</p> | <p>\$2,500.00</p> |
| | <p>Component Description:</p> | <p>Reversal of initial cost component submitted</p> |
| | <p>Amount:</p> | <p>(\$2,500.00)</p> |

Component Description: Engineering study work for new channel assignment and antenna development.
Amount: \$1,250.00

Component Description: Engineering study work for new channel assignment and antenna development.
Amount: \$1,250.00

Component Description: Engineering study work for new channel assignment and antenna development.
Amount: \$2,500.00

Component Description: Engineering study work for new channel assignment and antenna development.
Amount: \$875.00

Attorney Fees -
Negotiation of lease and
other matters for shared
locations

Component Description: Television Repacking Services - WEDW
Amount: \$325.50

Component Description: Attorney -
Negotiate Lease
and Other Matters
Amount: \$221.00

Component Description: Legal services
negotiating lease
with Crown Castle
for shared location.
Amount: \$2,400.00

Component Description: Legal services
negotiating lease
with Crown Castle
for shared location.
Amount: \$4,800.00

Component Description: Legal services
negotiating lease
with Crown Castle
for shared location.
Amount: \$1,800.00

Component Description: Reversal of initial
cost component
submitted in error
Amount: (\$1,800.00)

Component Description: Reversal of initial
cost component
submitted in error
Amount: (\$2,400.00)

Component Description: Reversal of initial
cost component
submitted in error
Amount: (\$4,800.00)

Component Description: Television
Repacking
Services - WEDW
Amount: \$711.00

Component Description: Legal services for
preparing,
reviewing, and
submitting FCC
Reimbursement
Form 399.
Amount: \$618.00

Component Description: Legal services for
preparing,
reviewing, and
submitting FCC
Reimbursement
Form 399.
Amount: \$900.00

Component Description: Legal Services
Amount: \$232.50

Component Description: Legal services for
preparing,
reviewing, and
submitting FCC
Reimbursement
Form 399.
Amount: \$657.00

Component Description: Reversal of initial
cost component
submitted
Amount: (\$618.00)

Component Description: Attorney Fees to prepare and review resubmitted Reimbursement Form 399
Amount: N/A

Component Description: Legal Services
Amount: \$651.00

Component Description: Reversal of initial cost component submitted.
Amount: (\$900.00)

Component Description: Reversal of initial cost component submitted
Amount: (\$657.00)

Component Description: Legal services preparing, reviewing, and submitting FCC Reimbursement Form 399
Amount: \$900.00

Component Description: Attorney Fees to prepare and review Reimbursement Form 399
Amount: \$657.00

Project management of the transition

Component Description: Project Management
Amount: \$2,472.15

Component Description: Project Management
Amount: \$2,472.15

Component Description: Project Management
Amount: \$2,287.95

Component Description: Project Management
Amount: \$1,344.95

Component Description: Project Management
Amount: \$1,577.50

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 | \$206,550.00 | \$206,000.00 | | \$0.00 | |
| Engineering and Administrative | <i>\$20,000.00</i> | \$20,000.00 | N/A | N/A | N/A |
| MVPD Notification of Channel Change | <i>\$11,000.00</i> | \$11,000.00 | N/A | N/A | N/A |
| Develop and air announcement of upcoming channel change | <i>\$69,000.00</i> | \$69,000.00 | See attachment for detailed justification. | N/A | N/A |
| Equipment Storage | <i>\$10,000.00</i> | \$10,000.00 | N/A | N/A | N/A |
| Equipment Delivery and Handling Charges | <i>\$25,000.00</i> | \$25,000.00 | N/A | N/A | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <i>\$40,000.00</i> | \$40,000.00 | N/A | N/A | N/A |
| Non-zoning permits | <i>\$10,000.00</i> | \$10,000.00 | N/A | N/A | N/A |
| Local Zoning | <i>\$10,000.00</i> | \$10,000.00 | N/A | N/A | N/A |
| DTV Medical Facility Notification | \$11,550.00 | \$11,000.00 | N/A | N/A | N/A |

| | | | | | |
|------------------------------|----------------|----------------|-----|-------------|-----|
| Sub-total | \$206,550.00 | \$206,000.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$1,362,953.19 | \$1,205,380.69 | N/A | \$22,466.05 | N/A |

Components

Information not provided.

Cost Information **Grand Total**

| | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
|------------------------------|------------------------------------|-----------------------|--------------------|
| Total for all systems | \$1,362,953.19 | \$1,205,380.69 | \$22,466.05 |

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"> <li data-bbox="750 772 1037 1176">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. <li data-bbox="750 1198 1021 1444">2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. <li data-bbox="750 1467 1029 1747">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.

Meg Sakellarides
*Chief
Financial
Officer*

12/20/2018

Attachments