



(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 **10/22**
 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> |

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

**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 | | \$0.00 | |
| Mask Filter | <i>\$15,000.00</i> | \$15,000.00 | N/A | N/A | N/A |
| 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. | \$0.00 | 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 | \$0.00 | N/A |
| Total for all systems | \$1,362,953.19 | \$1,204,729.19 | N/A | \$5,932.50 | N/A |

Components

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 | |
| 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-15JTH-R P230 | \$283,738.19 | \$194,423.19 | | \$0.00 | |
| Rubbing Shoe | <i>\$288.75</i> | \$288.75 | N/A | N/A | N/A |
| Project Expenses | <i>\$17,134.44</i> | \$17,134.44 | 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 |

| | | | | | |
|---|-------------------|----------------|---|------------|-----|
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | 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 |
| Screw Shoulder | <i>\$78.75</i> | \$78.75 | 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 |
| Sub-total | \$379,868.19 | \$285,823.19 | N/A | \$0.00 | N/A |
| Total for all systems | \$1,362,953.19 | \$1,204,729.19 | N/A | \$5,932.50 | N/A |

Components

Information not provided.

Cost Information

Transmission Line

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|-----------------------------|-----------------------|---|-------------------|---------------------------|
| Interim Transmission Line | \$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 | \$1,204,729.19 | N/A | \$5,932.50 | 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 | \$1,204,729.19 | N/A | \$5,932.50 | 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 | \$177,730.00 | | \$5,932.50 | |
| Prepare and or review reimbursement form | \$2,630.00 | \$2,500.00 | N/A | \$1,557.00 | 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 |
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$7,000.00 | N/A | \$2,125.00 | N/A |
| 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 - 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. | \$0.00 | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application | \$2,365.00 | \$2,250.00 | N/A | N/A | N/A |

| | | | | | |
|--|----------------|----------------|-----|------------|-----|
| Attorney Fees - 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 |
| Address transition timing and coordination issues w/ other stations and wireless | \$2,630.00 | \$2,500.00 | N/A | \$250.50 | N/A |
| Project management of the transition | \$15,800.00 | \$15,000.00 | N/A | N/A | N/A |
| Sub-total | \$180,890.00 | \$177,730.00 | N/A | \$5,932.50 | N/A |
| Total for all systems | \$1,362,953.19 | \$1,204,729.19 | N/A | \$5,932.50 | N/A |

Components

| Actual Information | |
|---|---|
| Description | File Name |
| Prepare and or review reimbursement form | <p>Component Description: Reversal of initial cost component submitted.</p> <p>Amount: (\$900.00)</p> |

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

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

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

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

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

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

| | |
|---|--|
| | <p>Component Description: Reversal of initial cost component submitted</p> <p>Amount: (\$657.00)</p> <p>Component Description: Legal services for preparing, reviewing, and submitting FCC Reimbursement Form 399.</p> <p>Amount: \$618.00</p> |
| <p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p> | <p>Component Description: Engineering study Construction Permit Application (Main)</p> <p>Amount: \$2,000.00</p> |
| <p>Perform engineering study for new channel assignment and antenna development</p> | <p>Component Description: Engineering study work for new channel assignment and antenna development.</p> <p>Amount: \$875.00</p> <p>Component Description: Reversal of initial cost component submitted</p> <p>Amount: (\$2,500.00)</p> <p>Component Description: Engineering study work for new channel assignment and antenna development.</p> <p>Amount: \$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: Reversal of initial cost component submitted
Amount: (\$875.00)

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

Component Description: Reversal of initial cost component submitted
Amount: (\$1,250.00)

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

| | |
|--|---------------------------|
| 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. |

| | |
|---|---|
| <p>Attorney Fees - Negotiation of lease and other matters for shared locations</p> | <p>Component Description: Legal services negotiating lease with Crown Castle for shared location.</p> <p>Amount: \$4,800.00</p> |
| <p>Attorney Fees - Negotiation of lease and other matters for shared locations</p> | <p>Component Description: Legal services negotiating lease with Crown Castle for shared location.</p> <p>Amount: \$2,400.00</p> |
| <p>Attorney Fees - Negotiation of lease and other matters for shared locations</p> | <p>Component Description: Legal services negotiating lease with Crown Castle for shared location.</p> <p>Amount: \$1,800.00</p> |
| <p>Attorney Fees - Negotiation of lease and other matters for shared locations</p> | <p>Component Description: Reversal of initial cost component submitted in error</p> <p>Amount: (\$4,800.00)</p> |
| <p>Attorney Fees - Negotiation of lease and other matters for shared locations</p> | <p>Component Description: Reversal of initial cost component submitted in error</p> <p>Amount: (\$2,400.00)</p> |
| <p>Attorney Fees - Negotiation of lease and other matters for shared locations</p> | <p>Component Description: Reversal of initial cost component submitted in error</p> <p>Amount: (\$1,800.00)</p> |
| <p>Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application</p> | <p>Information not provided.</p> |

| | | | | | | | | | | | | | | | | | | | | | |
|---|--|-------------------------------|--|----------------|---------|-------------------------------|--|----------------|----------|-------------------------------|---|----------------|---------|-------------------------------|--|----------------|-----------|-------------------------------|--|----------------|---------|
| <p>Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application</p> | <p>Information not provided.</p> | | | | | | | | | | | | | | | | | | | | |
| <p>Prepare request for Special Temporary Authorization</p> | <p>Information not provided.</p> | | | | | | | | | | | | | | | | | | | | |
| <p>Prepare engineering section of FCC Form 2100 (main), License to Cover Application</p> | <p>Information not provided.</p> | | | | | | | | | | | | | | | | | | | | |
| <p>Address transition timing and coordination issues w/ other stations and wireless</p> | <table border="0"> <tr> <td data-bbox="694 712 1013 750">Component Description:</td> <td data-bbox="1145 712 1364 824">Attorney Fees to Address Transition Timing</td> </tr> <tr> <td data-bbox="694 835 813 869">Amount:</td> <td data-bbox="1145 835 1228 869">\$39.00</td> </tr> <tr> <td data-bbox="694 974 1013 1012">Component Description:</td> <td data-bbox="1145 974 1364 1086">Attorney Fees to Address Transition Timing</td> </tr> <tr> <td data-bbox="694 1093 813 1126">Amount:</td> <td data-bbox="1145 1093 1241 1126">\$172.50</td> </tr> <tr> <td data-bbox="694 1232 1013 1270">Component Description:</td> <td data-bbox="1145 1232 1356 1344">Address transition timing and coordination.</td> </tr> <tr> <td data-bbox="694 1350 813 1384">Amount:</td> <td data-bbox="1145 1350 1228 1384">\$39.00</td> </tr> <tr> <td data-bbox="694 1489 1013 1527">Component Description:</td> <td data-bbox="1145 1489 1348 1601">Reversal of initial cost component submitted</td> </tr> <tr> <td data-bbox="694 1608 813 1641">Amount:</td> <td data-bbox="1145 1608 1244 1641">(\$39.00)</td> </tr> <tr> <td data-bbox="694 1747 1013 1785">Component Description:</td> <td data-bbox="1145 1747 1348 1859">Reversal of initial cost component submitted</td> </tr> <tr> <td data-bbox="694 1865 813 1899">Amount:</td> <td data-bbox="1145 1865 1228 1899">\$39.00</td> </tr> </table> | Component Description: | Attorney Fees to Address Transition Timing | Amount: | \$39.00 | Component Description: | Attorney Fees to Address Transition Timing | Amount: | \$172.50 | Component Description: | Address transition timing and coordination. | Amount: | \$39.00 | Component Description: | Reversal of initial cost component submitted | Amount: | (\$39.00) | Component Description: | Reversal of initial cost component submitted | Amount: | \$39.00 |
| Component Description: | Attorney Fees to Address Transition Timing | | | | | | | | | | | | | | | | | | | | |
| Amount: | \$39.00 | | | | | | | | | | | | | | | | | | | | |
| Component Description: | Attorney Fees to Address Transition Timing | | | | | | | | | | | | | | | | | | | | |
| Amount: | \$172.50 | | | | | | | | | | | | | | | | | | | | |
| Component Description: | Address transition timing and coordination. | | | | | | | | | | | | | | | | | | | | |
| Amount: | \$39.00 | | | | | | | | | | | | | | | | | | | | |
| Component Description: | Reversal of initial cost component submitted | | | | | | | | | | | | | | | | | | | | |
| Amount: | (\$39.00) | | | | | | | | | | | | | | | | | | | | |
| Component Description: | Reversal of initial cost component submitted | | | | | | | | | | | | | | | | | | | | |
| Amount: | \$39.00 | | | | | | | | | | | | | | | | | | | | |

| | |
|--------------------------------------|---|
| | <p>Component Description: Address transition timing and coordination.</p> <p>Amount: \$39.00</p> <p>Component Description: Reversal of initial cost component submitted</p> <p>Amount: (\$172.50)</p> <p>Component Description: Address transition timing and coordination.</p> <p>Amount: \$172.50</p> <p>Component Description: Attorney Fees to Address Transition Timing</p> <p>Amount: \$39.00</p> |
| Project management of the transition | 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 | \$206,550.00 | \$206,000.00 | | \$0.00 | |
| 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 |
| DTV Medical Facility Notification | \$11,550.00 | \$11,000.00 | N/A | N/A | N/A |
| Local Zoning | <i>\$10,000.00</i> | \$10,000.00 | N/A | N/A | N/A |
| Non-zoning permits | <i>\$10,000.00</i> | \$10,000.00 | N/A | N/A | N/A |
| Equipment Delivery and Handling Charges | <i>\$25,000.00</i> | \$25,000.00 | N/A | N/A | N/A |
| Equipment Storage | <i>\$10,000.00</i> | \$10,000.00 | 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 |
| MVPD Notification of Channel Change | <i>\$11,000.00</i> | \$11,000.00 | N/A | N/A | N/A |
| Engineering and Administrative | <i>\$20,000.00</i> | \$20,000.00 | 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 | \$1,204,729.19 | N/A | \$5,932.50 | 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 | \$1,204,729.19 | \$5,932.50 |

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*

10/22/2018

| Certification | Section | Question | Response |
|---------------|---|--|----------|
| | Submission of Actual Cost Documentation Statements | <p>WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).</p> | |
| | | <ol style="list-style-type: none"> 1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. 3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. | |

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

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

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

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

Meg Sakellarides
*Chief
Financial
Officer*

10/22/2018

Attachments