



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **12896** | Service: **DTV** | Call **KITU-TV** | Channel: **29 (UHF)** |
ID: | Sign:
File **0000028181**
Number:
FRN: **0005077441** | Date **01/22**
Submitted: **/2019**

Applicant Information

Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|---|--|-----------------------------|-----------------------------|--------------------|
| COMMUNITY EDUCATIONAL TELEVISION, INC. | PO BOX 721800 HOUSTON, TX 77272 United States | +1 (202) 544- 5171 | cmmay@maylawoffices. com | Not-for- Profit |

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 |
|----------|----------|
|----------|----------|

| | |
|--|--|
| Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information. | No |
| Briefly describe transition plan | Reduce TPO to 50% and remove 1/2 of the xmitter system. Install new SS xmitter system. Add AUX antenna & line to the tower & feed it with a reduced signal from the current xmitter. Remove & replace antenna. Test. |

Transmitters

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

**Primary
Transmitter**

Existing Transmitter Information

| Section | Question | Response |
|---|--|--------------------------|
| Existing Transmitter Description | Type of change | Purchase New |
| | Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is this transmitter currently shared with another station? | No |
| | Is this transmitter currently in operating condition? | Yes |
| Existing Transmitter Manufacturer and Type | Manufacturer | |
| | Model | DCX 2 |
| | Year | 2005 |
| | Type | Inductive Output Tube |
| | IOT Power Type | Two |
| | Power Capacity | 50 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 | HPTV- PRLX-U30 |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 50 kW |
| | Justification for New Transmitter | see attachment |

**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 | No |
| | Size | N/A |
| | Length | N/A |
| | Other Electrical Service | Yes |
| | Description | disconnects, labor other equipment |

| | | |
|--|---|-----|
| 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 |
|---------|-----------------|
| install | xmitter install |

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 | Not in Stack |
| | 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) | 1000.0 kW |
| | | |

| | |
|--------------|-----------------------|
| Manufacturer | |
| Model | ATW25H3- HTC1U-34H |
| Year | 2005 |

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 | Full Power |
| | Mounting | Top 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) | 920.0 kW |
| | Manufacturer | |
| | | |

| | |
|-------------------------------|--|
| Model | ATW22H3- HTC1-29H |
| Year | 2017 |
| Justification for New Antenna | The old antenna is too far off in frequency to be retuned. |

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 | 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? | No |
| Sweep Test | Do you require the sweep testing of transmission line and antenna? | Yes |

**Primary
Antenna**

Other Antenna Cost Not Listed

Information not provided.

**Interim
Antenna**

New Antenna Costs

| Section | Question | Response |
|--|--|-----------------|
| New Antenna Description | Use | Interim |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Ownership | Owned |
| | Owner | N/A |
| | Is antenna shared? | No |
| | Is antenna directional? | Yes |
| | Will antenna be located on or in close proximity to an antenna farm? | No |
| New Antenna Manufacturer and Type | Class | Full Power |
| | Mounting | Side Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Horizontal |
| | Type | 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) | 240.0 kW |
| | Manufacturer | |
| | Model | RD12A1424M3SX |
| | Year | 2017 |
| | | |

| | | |
|--|-------------------------------|---|
| | Justification for New Antenna | MAINTAIN A SIGNAL WHILE ANTENNA & LINE ARE CHANGED. |
|--|-------------------------------|---|

**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? | Yes |
| 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? | No |

**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 | 6 1/8 inches |
| | Other Diameter | N/A |
| | Segment Length | Other |
| | Other Segment Length | 19.547 feet |
| | Number of parallel runs | 1 |
| | Length | 1300 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 | 6 1/8 inches |
| | Other Diameter | N/A |
| | Segment Length | 19 1/2 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 1300 feet per run |
| | Justification for New Transmission Line | flange reflection in old line. |

Primary
Transmission Line

Other Transmission Line Expenses Not Listed

| Name | Description |
|-----------|-----------------|
| sweep new | Sweep new line. |

**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 | 500 feet per run |
| | Justification for New Transmission Line | Remain on the air while antenna and line are replaced. |

**Interim
Transmission Line**

Other Transmission Line Expenses Not Listed

| Name | Description |
|-------------|-------------------------------------|
| system test | Sweep of new interim line / antenna |

Tower Equipment And Rigging Costs

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

Primary Tower

Existing Tower

| Section | Question | Response |
|--|---|-------------------|
| Existing Tower Description | Type of change | Modify Existing |
| | Tower Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Is this tower consider Complex? | |
| | 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? | No |
| Existing Tower Structure Registration | Do you have a tower registration number? | Yes |
| | ASR Number | 1047397 |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 30° 10' 42.0" N- |
| | Longitude (NAD83) | 093° 54' 27.0" W- |
| | Overall Structure Height | 1056.42 feet |
| | Support Structure Height | 1000.64 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 22.97 feet |

| | |
|------------------|--|
| Structure Type | TOWER - Free Standing or Guyed Structure |
| Tower Owner | COMMUNITY EDUCATION TV |
| Date Constructed | 05/21/1986 |

Primary Tower

Tower Modification Costs

| Section | Question | Response |
|----------------------|--|-----------------------------------|
| Engineering Study | Please what type of engineering study is required, if any: | Study needed for documented tower |
| Tower Reinforcements | Please select whether tower reinforcements are needed: | Major Reinforcements needed |

Primary Tower

Tower Rigging Costs

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

Primary Tower

Other Tower Expenses Not Listed

Information not provided.

**Outside
Professional Services Costs**

| Section | Question | Response |
|---|--|----------|
| Outside Project Management Services | Do you require outside project management services? | No |
| | Number of Hours | N/A |
| | Explanation | N/A |
| 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 | Yes |
| | For Main Facility | Yes |
| | Prepare engineering section of Form FCC License to Cover Application | Yes |
| | For Auxiliary Facility | Yes |
| | 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 | Yes |
| | For Main Facility | Yes |
| | Prepare and file Form FCC License to Cover Application | Yes |
| | For Auxiliary Facility | Yes |
| | 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 | No |
| | Prepare or Review FCC Form 399 for Reimbursement | Yes |
| | Address transition timing and coordination issues w/ other stations and wireless providers | No |
| RF Field Engineering Services | Comprehensive coverage verification via field study | No |
| | RF exposure measurements | No |
| | Additional Field Engineering Service | No |
| | Number of Days | N/A |
| | Justification | N/A |

Outside Professional Services Costs **Other Professional Services Expenses Not Listed**

If wireless is not provided.

Other Expenses

| Section | Question | Response |
|-------------------------------------|--|----------|
| AM Pattern Disturbance | Is an Impact Study needed? | No |
| | Is Remediation needed? | No |
| Facility Expenses | Name | N/A |
| | Other Distributed Transmission System Expenses Not listed | N/A |
| | Name | N/A |
| | Is Notification of a Medical Facility required as a result of DTV broadcasting? | Yes |
| Permit and Filing Costs | Local Zoning | No |
| | Non-zoning permits | No |
| | BLM or NFS Coordination | No |
| | FCC Construction Permit Minor Change | No |
| | FCC License to Cover Application | No |
| | 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)? | No |
| | Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs? | No |
| | Does this relocation require Equipment Storage? | No |
| | Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change? | No |
| | Does this relocation require MVPD Notification of a Channel Change? | No |

| | |
|-----------------------|----------------------------------|
| Other Expenses | Other Expenses Not Listed |
| | Information not provided. |

Cost
Information

Transmitters

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|--------------------------------|-------------------|------------------------------------|----------------|------------------------------|
| Primary Transmitter HPTV-PRLX- U30 | \$1,636,000.00 | \$1,269,667.00 | | \$1,214,667.00 | |
| UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW | \$1,473,000.00 | \$1,106,667.00 | N/A | \$1,106,667.00 | N/A |
| install | <i>\$35,000.00</i> | \$35,000.00 | N/A | \$35,000.00 | N/A |
| Other Electrical Service: disconnects, labor other equipment | <i>\$128,000.00</i> | \$128,000.00 | N/A | \$73,000.00 | N/A |
| Sub-total | \$1,636,000.00 | \$1,269,667.00 | N/A | \$1,214,667.00 | N/A |
| Total for all systems | \$3,327,330.00 | \$2,711,052.00 | N/A | \$2,414,194.53 | N/A |

Components

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

| | |
|--|---|
| UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW | <div> Component Description: 30% due after 60 days </div> <div> Amount: \$332,000.10 </div> |
| | <div> Component Description: final payment for xmitter </div> <div> Amount: \$55,333.35 </div> |
| | <div> Component Description: 35 % deposit on xmitter </div> <div> Amount: \$387,333.45 </div> |
| | <div> Component Description: 30% due prior to shipping </div> <div> Amount: \$332,000.10 </div> |
| | <div> Component Description: 35% deposit for U30 xmitter </div> <div> Amount: \$387,333.45 </div> |
| install | <div> Component Description: xmitter install </div> <div> Amount: \$35,000.00 </div> |
| Other Electrical Service: disconnects, labor other equipment | <div> Component Description: electrical for xmitter. </div> <div> Amount: \$73,000.00 </div> |

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 RD12A1424M3SX | \$212,650.00 | \$70,000.00 | | \$57,613.00 | |
| Side mount brackets for high power antennas (if not included in antenna base cost) | \$23,150.00 | \$10,000.00 | N/A | \$0.00 | N/A |
| UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized | \$189,500.00 | \$60,000.00 | ***System Notice: Estimate adjusted and locked because line has been superseded. *** | \$57,613.00 | freight charges were added. |
| Primary Antenna ATW22H3-HTC1-29H | \$266,030.00 | \$234,300.00 | | \$227,310.10 | |
| UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized | \$247,000.00 | \$218,000.00 | N/A | \$217,258.10 | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,300.00 | N/A | \$3,600.00 | N/A |

| | | | | | |
|---|----------------|----------------|-----|----------------|-----|
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed) | \$12,300.00 | \$10,000.00 | N/A | \$6,452.00 | N/A |
| Sub-total | \$478,680.00 | \$304,300.00 | N/A | \$284,923.10 | N/A |
| Total for all systems | \$3,327,330.00 | \$2,711,052.00 | N/A | \$2,414,194.53 | N/A |

Components

| Actual Information | | | | | | | | | | | | | | | | | |
|--|--|-------------------------------|-------------------------------------|----------------|------------|-------------------------------|----------------------|----------------|-------------|-------------------------------|------------------------|----------------|-------------|-------------------------------|----------------------------------|----------------|-------------|
| Description | File Name | | | | | | | | | | | | | | | | |
| Side mount brackets for high power antennas (if not included in antenna base cost) | Information not provided. | | | | | | | | | | | | | | | | |
| UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized | <table> <tr> <td>Component Description:</td><td>Final payment antenna plus freight.</td></tr> <tr> <td>Amount:</td><td>\$6,044.82</td></tr> <tr> <td>Component Description:</td><td>antenna plus freight</td></tr> <tr> <td>Amount:</td><td>\$31,832.50</td></tr> <tr> <td>Component Description:</td><td>45% deposit on antenna</td></tr> <tr> <td>Amount:</td><td>\$12,890.25</td></tr> <tr> <td>Component Description:</td><td>45% payment 8 weeks after order.</td></tr> <tr> <td>Amount:</td><td>\$12,890.25</td></tr> </table> | Component Description: | Final payment antenna plus freight. | Amount: | \$6,044.82 | Component Description: | antenna plus freight | Amount: | \$31,832.50 | Component Description: | 45% deposit on antenna | Amount: | \$12,890.25 | Component Description: | 45% payment 8 weeks after order. | Amount: | \$12,890.25 |
| Component Description: | Final payment antenna plus freight. | | | | | | | | | | | | | | | | |
| Amount: | \$6,044.82 | | | | | | | | | | | | | | | | |
| Component Description: | antenna plus freight | | | | | | | | | | | | | | | | |
| Amount: | \$31,832.50 | | | | | | | | | | | | | | | | |
| Component Description: | 45% deposit on antenna | | | | | | | | | | | | | | | | |
| Amount: | \$12,890.25 | | | | | | | | | | | | | | | | |
| Component Description: | 45% payment 8 weeks after order. | | | | | | | | | | | | | | | | |
| Amount: | \$12,890.25 | | | | | | | | | | | | | | | | |

| | | | | | |
|---|---|---|--|---|--|
| UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized | <table> <tr> <td data-bbox="721 174 1029 248">Component Description: Amount:</td><td data-bbox="1161 174 1385 248">50% main antenna \$106,935.52</td></tr> <tr> <td data-bbox="721 353 1029 472">Component Description: Amount:</td><td data-bbox="1161 353 1347 472">Balance due on antenna \$110,322.58</td></tr> </table> | Component Description: Amount: | 50% main antenna \$106,935.52 | Component Description: Amount: | Balance due on antenna \$110,322.58 |
| Component Description: Amount: | 50% main antenna \$106,935.52 | | | | |
| Component Description: Amount: | Balance due on antenna \$110,322.58 | | | | |
| Sweep test of existing antenna | <table> <tr> <td data-bbox="721 607 1029 725">Component Description: Amount:</td><td data-bbox="1161 607 1326 725">Sweep test of existing line \$3,600.00</td></tr> </table> | Component Description: Amount: | Sweep test of existing line \$3,600.00 | | |
| Component Description: Amount: | Sweep test of existing line \$3,600.00 | | | | |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed) | <table> <tr> <td data-bbox="721 860 1029 978">Component Description: Amount:</td><td data-bbox="1161 860 1347 978">final balance on elbow complex \$3,226.00</td></tr> <tr> <td data-bbox="721 1084 1029 1202">Component Description: Amount:</td><td data-bbox="1161 1084 1294 1202">50% elbow complex \$3,226.00</td></tr> </table> | Component Description: Amount: | final balance on elbow complex \$3,226.00 | Component Description: Amount: | 50% elbow complex \$3,226.00 |
| Component Description: Amount: | final balance on elbow complex \$3,226.00 | | | | |
| Component Description: Amount: | 50% elbow complex \$3,226.00 | | | | |

Cost
Information

Transmission Line

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|-----------------------------|----------------|------------------------------------|----------------|---|
| Interim Transmission Line | \$35,500.00 | \$33,000.00 | | \$36,591.84 | |
| system test | \$6,000.00 | \$6,000.00 | Sweep new interim antenna and line | \$12,000.00 | please reject the previous 3 invoices. |
| Flexible Air Transmission Line - dielectric, 3" | \$29,500.00 | \$27,000.00 | N/A | \$24,591.84 | please reject the previous 3 components \$5502.84, \$5567.44, \$1229.23 |
| Primary Transmission Line | \$269,100.00 | \$255,500.00 | | \$145,736.42 | |
| Rigid Transmission Line - copper, 6 1/8" | \$262,600.00 | \$249,000.00 | N/A | \$139,486.42 | N/A |
| sweep new | \$6,500.00 | \$6,500.00 | Sweep new main coax. | \$6,250.00 | N/A |
| Sub-total | \$304,600.00 | \$288,500.00 | N/A | \$182,328.26 | N/A |
| Total for all systems | \$3,327,330.00 | \$2,711,052.00 | N/A | \$2,414,194.53 | N/A |

Components

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

| | | |
|--|-------------------------------|-------------------------------------|
| system test | Component Description: | 45% deposit, system test |
| | Amount: | \$2,700.00 |
| | Component Description: | Final payment on system sweep |
| | Amount: | \$600.00 |
| | Component Description: | System sweep |
| | Amount: | \$6,000.00 |
| | Component Description: | payment, system test |
| | Amount: | \$2,700.00 |
| Flexible Air Transmission Line - dielectric, 3" | Component Description: | line, hangers and misc |
| | Amount: | \$12,292.33 |
| | Component Description: | final payment for line and misc. |
| | Amount: | \$1,229.23 |
| | Component Description: | 45% deposit line and hangers |
| | Amount: | \$5,502.84 |
| | Component Description: | 45% payment on line and hangers |
| | Amount: | \$5,567.44 |

| | |
|---|---|
| Rigid Transmission Line - copper, 6 1/8" | <div> <div> Component Description: Amount: </div> <div> 50% deposit for coax \$67,793.25 </div> </div> <div> <div> Component Description: Amount: </div> <div> Balance due on main coax plus freight. \$71,693.17 </div> </div> |
| sweep new | <div> <div> Component Description: Amount: </div> <div> balance on new coax system sweep. \$3,125.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> 50% deposit system sweep new coax \$3,125.00 </div> </div> |

Cost
Information

Tower Equipment and Rigging Costs

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|--------------------------------|-------------------|------------------------------------|----------------|------------------------------|
| Primary Tower TOWER | \$854,600.00 | \$808,000.00 | | \$730,976.17 | |
| Major tower reinforcement /modifications | \$421,000.00 | \$400,000.00 | N/A | \$389,603.17 | N/A |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | \$421,000.00 | \$400,000.00 | N/A | \$333,923.00 | N/A |
| Structural engineering tower load study for well documented tower | \$12,600.00 | \$8,000.00 | N/A | \$7,450.00 | N/A |
| Sub-total | \$854,600.00 | \$808,000.00 | N/A | \$730,976.17 | N/A |
| Total for all systems | \$3,327,330.00 | \$2,711,052.00 | N/A | \$2,414,194.53 | N/A |

Components

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

Major tower reinforcement
/modifications

Component Description: Tower
modifications, #
8021701T
Amount: \$44,215.00

Component Description: site work & gravel
for antenna
replacement.
Amount: \$3,249.24

Component Description: 50% deposit
Amount: \$110,442.50

Component Description: Deposit
Amount: \$50,731.00

Component Description: final balance on
tower
modifications.
Amount: \$119,035.28

Component Description: Tower
modifications
Amount: \$61,930.15

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)

Component Description: Progress payment,
antenna #
8021701 &
8021702T
Amount: \$50,000.00

Component Description: antenna
replacement
Amount: \$15,000.00

Component Description: progress payment,
antenna #
8021701T
Amount: \$56,488.00

Component Description: void
Amount: N/A

Component Description: Deposit
Amount: \$60,800.00

Component Description: Progress Billing
antenna per
#8021701T
Amount: \$25,000.00

Component Description: transmission line
install
Amount: \$76,635.00

Component Description: payment antenna
and line install
Amount: \$50,000.00

| | | |
|---|-------------------------------|---|
| Structural engineering tower load study for well documented tower | | |
| | Component Description: | structural analysis |
| | Amount: | \$3,950.00 |
| | | |
| | Component Description: | structural reinforcement analysis |
| | Amount: | \$3,500.00 |

Cost Information

Outside Professional Services

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|-----------------------------|--------------------|------------------------------|-------------------|---------------------------|
| Outside Professional Services | \$41,705.00 | \$38,250.00 | | \$1,300.00 | |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | \$7,360.00 | \$7,000.00 | N/A | N/A | N/A |
| Prepare and or review reimbursement form | \$2,630.00 | \$2,000.00 | N/A | N/A | N/A |
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$7,000.00 | N/A | \$1,300.00 | N/A |
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application | \$2,105.00 | \$2,000.00 | 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 | \$0.00 | N/A |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | \$1,580.00 | \$1,500.00 | N/A | N/A | N/A |
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application | \$1,580.00 | \$1,500.00 | N/A | N/A | N/A |
| Prepare request for Special Temporary Authorization | \$4,100.00 | \$3,000.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00 | \$5,000.00 | N/A | N/A | N/A |

| | | | | | |
|--|----------------|----------------|-----|----------------|-----|
| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application | \$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 |
| Sub-total | \$41,705.00 | \$38,250.00 | N/A | \$1,300.00 | N/A |
| Total for all systems | \$3,327,330.00 | \$2,711,052.00 | N/A | \$2,414,194.53 | N/A |

Components

| Actual Information | |
|--|---|
| Description | File Name |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | Information not provided. |
| Prepare and or review reimbursement form | Information not provided. |
| Perform engineering study for new channel assignment and antenna development | <div> Component Description: interference study for CP Amount: \$650.00 </div> <div> Component Description: further interference study for CP Amount: \$650.00 </div> |

| | |
|---|---|
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application | Information not provided. |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | Component Description: engineering for 2100 portion of CP Amount: \$1,750.00 |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | Information not provided. |
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application | Information not provided. |
| Prepare request for Special Temporary Authorization | Information not provided. |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | Information not provided. |
| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application | Information not provided. |
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application | 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 | \$11,745.00 | \$2,335.00 | | \$0.00 | |
| DTV Medical Facility Notification | \$11,550.00 | \$2,145.00 | N/A | N/A | N/A |
| FCC Filing Fees - Special Temporary Authorization request | \$195.00 | \$190.00 | N/A | N/A | N/A |
| Sub-total | \$11,745.00 | \$2,335.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$3,327,330.00 | \$2,711,052.00 | N/A | \$2,414,194.53 | N/A |

Components

Information not provided.

| | | | |
|-------------------------|------------------------------|------------------------------------|-----------------------|
| Cost Information | Grand Total | | |
| | | Predetermined Cost Estimate | Estimated Cost |
| | | | Actual Cost |
| | Total for all systems | \$3,327,330.00 | \$2,711,052.00 |
| | | | \$2,414,194.53 |

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

| Certification | Section | Question | Response |
|---------------|---|---|----------|
| | Submission of Estimated Expenses Statements | <p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p> | |
| | | <ol style="list-style-type: none"> 1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount. | |

4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

| | |
|---|--|
| <p>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.</p> | |
| <p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p> | <p>Steve Hastings <i>Network RF Manager</i></p> <p>01/22/2019</p> |

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

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

| | |
|--|---|
| <p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.</p> | |
| <p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p> | <p>Steve Hastings <i>Network RF Manager</i></p> <p>01/22/2019</p> |

Attachments