Approved by OMB (Office of Management and Budget) 3060-1178

Federal Communications Commission

(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility ID: **9754** | Service: **DTV** | Call Sign: **KNCT** | Channel: **17 (UHF)**

File Number: **0000028595**

FRN: **0018223693** | Date Submitted: **11/15/2018**

## Applicant Information

### Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|---|---|---|---|---|
| **CENTRAL TEXAS COLLEGE**<br>Doing Business As: CENTRAL TEXAS COLLEGE | Ted Gonzalez<br>P.O. BOX 1800<br>KILLEEN, TX 76540<br>United States | +1 (254) 526-1668 | ted.gonzalez@ctcd.edu | Government Entity |

## 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 | Structural failed on existing tower. Build equivalent new tower, new Ch 17 top mount antenna, with new transmission line in new tower. Use existing antenna, line and IOT transmitter to operate until channel |

## 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 | Visionary DT |
| | Year | 2003 |
| | Type | Inductive Output Tube |
| | IOT Power Type | Single |
| | Power Capacity | 30 kW |

## Primary Transmitter

### New Transmitter Costs

| Section | Question | Response |
|---|---|---|
| **New Transmitter** | Use | Primary (Main) |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | Yes |
| | Manufacturer | |
| | Model | THU9-16evo |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 25.5 kW |
| | Justification for New Transmitter | IOT transmitter will continue broadcasting on current channel into interim antenna. It cannot be retuned for new channel. SS transmitter to be used for post-repack channel. See narrative. |

## Primary Transmitter

### Other Transmitter Costs

| Section | Question | Response |
|---|---|---|
| **Electrical Service** | Service Entrance (3 phases 800A 208V) | No |
| | | |

| | | |
|---|---|---|
| | Switchgear (industrial 800 amp) | Yes |
| | Transformer (480V) | No |
| | Power | N/A |
| | Rigid Conduit and Wiring | Yes |
| | Size | 3 inches |
| | Length | 40.0 feet |
| | Other Electrical Service | No |
| | Description | N/A |
| **HVAC Service** | Does the replacement transmitter require HVAC Service? | No |
| | Type | N/A |
| | Size | N/A |
| | Other Size | N/A |
| **Transmitter Building Addition/Modification or Leasehold Improvement** | Does the Transmitter Building require an addition, modification, other leashold improvement? | No |
| | Size | N/A |
| **Channel 14 Costs** | Is an RF Consulting Engineer needed? | N/A |
| | Is a channel 14 Mask Filer needed? | N/A |
| | Is additional field engineering time needed? | N/A |
| | Number of Days | N/A |

## Primary Transmitter

### Other Transmitter Cost Not Listed

Information not provided.

## Antennas

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

## Primary Antenna

### Existing Antenna Information

| Section | Question | Response |
|---|---|---|
| **Existing Antenna Description** | Type of change | Purchase New |
| | Antenna Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is the existing antenna shared with another station or stations? | No |
| | Is the existing antenna directional? | No |
| | Is antenna in operating condition? | Yes |
| | Is antenna located on or in close proximity to an antenna farm? | Yes |
| **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) | 500.0 kW |
| | | |

| | |
|---|---|
| Manufacturer | |
| Model | ATL20H3-HSO-38 |
| Year | 2003 |

## 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? | No |
| | Will antenna be located on or in close proximity to an antenna farm? | Yes |
| **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) | 272.0 kW |
| | Manufacturer | |

| | | |
|---|---|---|
| | Model | TFU-20GTH-RO4 |
| | Year | 2020 |
| | Justification for New Antenna | Existing antenna is single channel 46, not tunable to Ch 17. See narrative. |

**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? | Yes |
| **New Antenna Manufacturer and Type** | Class | Full Power |
| | Mounting | Side Mount |
| | Antenna position in stack | Bottom |
| | Polarization | Horizontal |
| | Type | Broadband Slot |
| | Number of Stations Supported | 2 |
| | Number of Panels/Bays | 16 |
| | Lower Limit | 470.00 MHz |
| | Upper Limit | 698.00 MHz |
| | Design power capacity in use | 30.0 % |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 270.0 kW |
| | Manufacturer | |
| | Model | TFU-16WB-1-R C160 |
| | Year | 2019 |

| | | |
|---|---|---|
| | Justification for New Antenna | Broadband interim antenna. See narrative. |

**Interim Antenna**

### Other Antenna Costs

| Section | Question | Response |
|---|---|---|
| **Elbow Complex** | Do you require the separate purchase of the Elbow Complex? | Yes |
| | Broadband or Single Channel? | S |
| | Feed Line Size | 6 1/8 inches |
| **Side Mount Brackets** | Do you require the separate purchase of side mount brackets for an antenna? | Yes |
| **Pattern Scatter Analysis** | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | Yes |
| **Sweep Test** | Do you require the sweep testing of transmission line and antenna? | Yes |

**Interim 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 | 19 3/4 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 1180 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 | 1229 feet per run |
| | Justification for New Transmission Line | Building new tower. Existing transmission line needed to keep station on air while new antenna and line installed in new tower. See narrative. |

## Primary Transmission Line

### Other Transmission Line Expenses Not Listed

Information not provided.

## 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 | 5 inches |
| | Segment Length | N/A |
| | Other Segment Length | |
| | Number of parallel runs | 1 |
| | Length | 1050 feet per run |
| | Justification for New Transmission Line | Line to feed interim antenna. See narrative. |

## 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 | Construct New |
| | Tower Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Is this tower consider Complex? | No |
| | Is this tower currently shared with any other stations? | Yes |
| | One or more FM, AM or TV radio broadcaster(s) | Yes |
| | Others Types of Users | No |
| | 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 | 1058073 |
| **Coordinates (NAD83 ( North American Datum of 1983))** | Latitude (NAD83) | 30° 59' 09.0" N- |
| | Longitude (NAD83) | 097° 37' 52.0" W- |
| | Overall Structure Height | 1140.73 feet |
| | Support Structure Height | 1095.79 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 925.84 feet |

| | |
|---|---|
| Structure Type | TOWER - Free Standing or Guyed Structure |
| Tower Owner | CENTRAL TEXAS COLLEGE |
| Date Constructed | 01/01/1969 |

**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 |
|---|---|---|
| 9977 | KNCT-FM | FM |

**Primary Tower**

### Tower Construction Costs

| Section | Question | Response |
|---|---|---|
| **Construct New Tower** | Use | Primary (Main) |
| | Description of Use | N/A |
| | Is this a request for upgraded equipment? | No |
| | Height | 1095.79 feet |
| | Justification for New Tower | Existing tower failed TIA 222-g standard, repairs too extensive and not feasible as per structural analysis conclusion. See narrative and analysis attachment. This is a direct replacement. |

**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 |
|---|---|

| | |
|---|---|
| **Main antenna install** | Main top antenna and transmission line installation. |
| **Interim antenna install** | Interim side mount antenna and transmission line installation. |
| **Structural Study** | Structural Engineering study (attached) |
| **New Tower** | New 1095 ft. tower required to replace structural failure of existing tower. |
| **Removal of Tower** | Remove existing tower and equipment upon completion of new tower. |

## Outside Professional Services Costs

| Section | Question | Response |
|---|---|---|
| **Outside Project Management Services** | Do you require outside project management services? | Yes |
| | Number of Hours | 300 |
| | Explanation | Extensive coordination over extended time period due to major construction of new tower and coordination with tenants on existing tower and moving to new tower negotiations. See narrative and quote1765. |
| **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 | 1 |
| | | |

| | | |
|---|---|---|
| | 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 | 1 |
| | 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 | No |
| | Prepare or Review FCC Form 399 for Reimbursement | Yes |
| | Address transition timing and coordination issues w/ other stations and wireless providers | Yes |
| **RF Field Engineering Services** | Comprehensive coverage verification via field study | No |
| | RF exposure measurements | Yes |
| | Additional Field Engineering Service | No |
| | Number of Days | N/A |

| | | |
|---|---|---|
| | Justification | N/A |

## Outside Professional Services Costs

### Other Professional Services Expenses Not Listed

Information not provided.

## Other Expenses

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

## Other Expenses

### Other Expenses Not Listed

Information not provided.

## Cost Information

### Transmitters

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|---|---|---|---|---|
| **Primary Transmitter THU9-16evo** | **$987,280.00** | **$745,499.84** | | **$0.00** | |
| 3" Rigid Conduit and Wiring (Cost per foot) | $2,080.00 | $0.00 | No 3" conduit required for solid state transmitter | N/A | N/A |
| UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW | $947,000.00 | $745,499.84 | Quotes Attached for both IOT and Solid State transmitters | N/A | N/A |
| Switchgear - industrial 800 amp | $38,200.00 | $0.00 | 300 amp service only for the Paragon 1 cabinet installation with additional circuit breaker panel for the Paragon 1 cabinet transmitter baseline. No switchgear required for the solid state transmitter. | N/A | N/A |
| **Sub-total** | $987,280.00 | $745,499.84 | N/A | $0.00 | N/A |

| | | | | | |
|---|---|---|---|---|---|
| **Total for all systems** | $8,044,571.84 | $4,725,244.68 | N/A | $53,152.40 | 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-16WB-1-R C160** | **$177,440.00** | **$175,100.00** | | **$0.00** | |
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | $5,260.00 | $5,000.00 | N/A | N/A | N/A |
| Side mount brackets for high power antennas (if not included in antenna base cost) | $23,150.00 | $22,000.00 | N/A | N/A | N/A |
| Sweep test of existing antenna | $6,730.00 | $6,400.00 | N/A | $0.00 | N/A |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed) | $12,300.00 | $11,700.00 | N/A | N/A | N/A |

| | | | | | |
|---|---|---|---|---|---|
| UHF - High Power, Side Mount, basic slot antenna, 16 bay,, 270 kW input, directional,, horizontally polarized | ***$130,000.00*** | $130,000.00 | see quote1766 attached | N/A | N/A |
| **Primary Antenna TFU-20GTH-R O4** | **$266,030.00** | **$247,160.00** | | **$0.00** | |
| UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized | $247,000.00 | $229,060.00 | see quote1766 attached | N/A | N/A |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed) | $12,300.00 | $11,700.00 | N/A | N/A | N/A |
| Sweep test of existing antenna | $6,730.00 | $6,400.00 | N/A | N/A | N/A |
| **Sub-total** | $443,470.00 | $422,260.00 | N/A | $0.00 | N/A |
| **Total for all systems** | $8,044,571.84 | $4,725,244.68 | N/A | $53,152.40 | N/A |

## Components

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

| | |
|---|---|
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | Information not provided. |
| Side mount brackets for high power antennas (if not included in antenna base cost) | Information not provided. |
| Sweep test of existing antenna | **Component Description:** Field services to perform preliminary antenna and line sweep checkout with network analyzer<br>**Amount:** $2,250.00<br><br>**Component Description:** Field Services to perform preliminary antenna and line sweep checkout with network analyzer<br>**Amount:** $2,250.00 |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed) | Information not provided. |
| UHF - High Power, Side Mount, basic slot antenna, 16 bay,, 270 kW input, directional,, horizontally polarized | Information not provided. |
| UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized | Information not provided. |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed) | Information not provided. |

| | |
|---|---|
| Sweep test of existing antenna | 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** | **$110,250.00** | **$105,000.00** | | **$0.00** | |
| Flexible Air Transmission Line - dielectric, 5" | $110,250.00 | $105,000.00 | See quote1766 attached. | N/A | N/A |
| **Primary Transmission Line** | **$248,258.00** | **$255,721.00** | | **$0.00** | |
| Rigid Transmission Line - copper, 6 1/8" | $248,258.00 | $255,721.00 | 6-1/8" transmission line with mounting hardware and additional elbows required to route into building with a dehydrator. See quote1766 attached. | N/A | N/A |
| **Sub-total** | $358,508.00 | $360,721.00 | N/A | $0.00 | N/A |
| **Total for all systems** | $8,044,571.84 | $4,725,244.68 | N/A | $53,152.40 | 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** | **$0.00** | **$0.00** | | **$0.00** | |
| **Primary Tower** | **$6,045,659.84** | **$2,952,679.84** | | **$40,502.40** | |
| Tall Tower (greater than 500') | $210,500.00 | $0.00 | N/A | N/A | N/A |
| New tower between 1000' and 1500' without elevator, presumptive soil conditions | $2,882,480.00 | $0.00 | N/A | N/A | N/A |
| Structural Study | ***$12,000.00*** | $12,000.00 | N/A | $8,000.00 | N/A |
| Main antenna install | ***$153,742.40*** | $153,742.40 | Quote attached | $32,502.40 | N/A |
| Interim antenna install | ***$109,816.00*** | $109,816.00 | Quote Attached | N/A | N/A |
| New Tower | ***$2,049,590.39*** | $2,049,590.39 | Quote Attached. | N/A | N/A |
| Removal of Tower | ***$627,531.05*** | $627,531.05 | Quote Attached | N/A | N/A |
| **Sub-total** | $6,045,659.84 | $2,952,679.84 | N/A | $40,502.40 | N/A |
| **Total for all systems** | $8,044,571.84 | $4,725,244.68 | N/A | $53,152.40 | N/A |

## Components

| Actual Information Description | File Name |
|---|---|
| Tall Tower (greater than 500') | Information not provided. |
| New tower between 1000' and 1500' without elevator, presumptive soil conditions | Information not provided. |
| Structural Study | **Component Description:** Structural Analysis for KNCT Tower<br>**Amount:** $8,000.00 |
| Main antenna install | **Component Description:** Tower erection site prep<br>**Amount:** $32,502.40 |
| Interim antenna install | Information not provided. |
| New Tower | Information not provided. |
| Removal of Tower | 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** | **$103,370.00** | **$159,400.00** | | **$12,650.00** | |
| Perform engineering study for new channel assignment and antenna development | $7,360.00 | $7,000.00 | N/A | $1,125.00 | N/A |
| RF Exposure Measurements | $21,050.00 | $20,000.00 | 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 | $0.00 | N/A |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | $3,680.00 | $3,500.00 | N/A | N/A | N/A |

| | | | | | |
|---|---|---|---|---|---|
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application | $2,365.00 | $2,250.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | $5,260.00 | $5,000.00 | N/A | N/A | N/A |
| Prepare request for Special Temporary Authorization | $2,050.00 | $1,500.00 | N/A | $0.00 | 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 |
| Address transition timing and coordination issues w/ other stations and wireless | $2,630.00 | $2,500.00 | N/A | N/A | N/A |

| | | | | | |
|---|---|---|---|---|---|
| Project management of the transition | $47,400.00 | $106,650.00 | Project management will be extensive due to complexity of new tower project, tenants and coordinating with nearby tower tenants and longevity due to Phase 8 time frame. See Quote 1765 Attached. | $10,275.00 | N/A |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | $1,580.00 | $1,500.00 | N/A | $0.00 | N/A |
| Prepare and or review reimbursement form | $2,630.00 | $2,500.00 | N/A | $1,250.00 | N/A |
| **Sub-total** | $103,370.00 | $159,400.00 | N/A | $12,650.00 | N/A |
| **Total for all systems** | $8,044,571.84 | $4,725,244.68 | N/A | $53,152.40 | N/A |

## Components

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

| | | |
|---|---|---|
| Perform engineering study for new channel assignment and antenna development | **Component Description:**<br><br><br><br><br><br>**Amount:** | Preform Engineering study for new channel and antenna development from Ch46 to Ch 17<br>$2,250.00 |
| | **Component Description:**<br><br><br><br><br><br>**Amount:** | Perform engineering study for new channel assignment and antenna development from Ch 46 to Ch17<br>$2,250.00 |
| | **Component Description:**<br><br><br><br><br><br>**Amount:** | Prepare engineer section of FCC Form 2100 License to cover application.<br>$1,125.00 |
| RF Exposure Measurements | 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) | **Component Description:**<br><br><br><br><br><br>**Amount:** | FCC Antenna Structure Registration modification Prepare FCC Form 854<br>$1,200.00 |

| | | |
|---|---|---|
| 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 | **Component Description:**<br><br><br><br><br><br><br>**Amount:** | Prepare Request for Special Temporary Authorization Prepare Engineering Statement to support interim facilities<br><br>$600.00 |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | **Component Description:**<br><br><br><br><br>**Amount:** | Prepare engineering section of FCC For,m 2100 License to Cover Application<br><br>$1,200.00 |
| Address transition timing and coordination issues w/ other stations and wireless | Information not provided. | |
| Project management of the transition | | |

| | |
|---|---|
| **Component Description:** | Site survey document existing layout identify needs for changes in HVAC,electrical and building modifications in preparation for repack transmitter |
| **Amount:** | $3,250.00 |
| **Component Description:** | Perform engineering study for new channel assignment and antenna development from Ch 46 to Ch 17 |
| **Amount:** | $2,250.00 |
| **Component Description:** | Project Management provide coordination plan address transition timing and coordination issues with other stations and wireless |
| **Amount:** | $1,250.00 |
| **Component Description:** | Site survey document existing layout identify needs for changes in hvac electrical and building modifications in preparation for rep |
| **Amount:** | $3,250.00 |

| | | |
|---|---|---|
| | **Component Description:** | Project Management Per Invoice |
| | **Amount:** | $10,275.00 |
| | **Component Description:** | fPrepare engineering section of FCC Form 2100 Construction Permit Application |
| | **Amount:** | $1,125.00 |
| | **Component Description:** | Pedrform engineer study for new channel assignment and antenna development from Ch 46 to Ch 17 |
| | **Amount:** | $2,250.00 |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | **Component Description:** | Prepare engineer section of FCC form 2100 |
| | **Amount:** | $1,200.00 |

| | | |
|---|---|---|
| Prepare and or review reimbursement form | **Component Description:** | Prepare and review reimbursement for Schedule 399. Generate scope of work needed to result in approved plans |
| | **Amount:** | $1,250.00 |
| | **Component Description:** | Prepare and/or review reimbursement for Schedule 399. Generate scope of work needed to result in approved plans. |
| | **Amount:** | $1,250.00 |

## 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** | **$106,284.00** | **$84,684.00** | | **$0.00** | |
| Equipment Delivery and Handling Charges | ***$38,684.00*** | $38,684.00 | See attached Quote 1767 | N/A | N/A |
| Develop and air announcement of upcoming channel change | ***$5,000.00*** | $5,000.00 | N/A | N/A | N/A |
| AM Pattern Disturbance -- Remedy | $21,050.00 | $0.00 | N/A | N/A | N/A |
| DTV Medical Facility Notification | $11,550.00 | $11,000.00 | N/A | N/A | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | ***$25,000.00*** | $25,000.00 | Disposal of pre-auction transmitter equipment | N/A | N/A |
| MVPD Notification of Channel Change | ***$5,000.00*** | $5,000.00 | N/A | N/A | N/A |
| **Sub-total** | $106,284.00 | $84,684.00 | N/A | $0.00 | N/A |
| **Total for all systems** | $8,044,571.84 | $4,725,244.68 | N/A | $53,152.40 | N/A |

### Components

Information not provided.

## Cost Information

### Grand Total

| | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
|---|---|---|---|
| **Total for all systems** | $8,044,571.84 | $4,725,244.68 | $53,152.40 |

## 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** | 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. | |
| | 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.<br>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.<br>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. | **Ted Gonzalez**<br>*Director of Business Services*<br><br>11/15/2018 |

## Certification

| Section | Question | Response |
| --- | --- | --- |
| **Submission of Actual Cost Documentation Statements** | WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISIONMENT (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). | |
| | 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.<br>2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.<br>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.<br>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. | **Ted Gonzales**<br>*Director of Business Services*<br><br>11/15/2018 |

## Attachments