

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

| Facility ID: File | 34205 | Service: DTV | Call Sign: | wкон | Channel: 17 (UHF) |
|-------------------------|----------|--------------------|----------------|------|--------------------------|
| Number: | | 20333 | | | |
| FRN: 00 | 01790583 | Date Submitted: | 02/08 /2019 | | |

Applicant Name, Type, and Contact Information

Information

| Applicant | Address | Phone | Email | Applicant Type |
|--|---|-----------------------------|----------------------|----------------------|
| KENTUCKY AUTHORITY FOR EDUCATIONAL TV Doing Business As: KENTUCKY AUTHORITY FOR EDUCATIONAL TV | Shae Hopkins 600 COOPER DR LEXINGTON, KY 40502 United States | +1 (859) 258- 7000 | SHOPKINS@KET. ORG | Government Entity |

Reimbursement Contact Name and Information Reimbursement Contact Information

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

| Preparer Contact Information | Preparer Contact Name and Information | | | | | |
|------------------------------------|---|---|-----------------------|------------------------------|--|--|
| | Applicant | Address | Phone | Email | | |
| | Greg Best Greg Best Consulting, Inc. | Greg Best 16100 Outlook Avenue Stilwell, KS 66085 United States | +1 (816) 792- 2913 | gbconsulting54@gmail. com | | |

| Broadcaster | Question | Response |
|--|--|--|
| Information and Transition Plan | 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 | Please see attached repack plan exhibit. |

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

| Primary | Existing Transmitter Information | | | | | |
|-------------|-------------------------------------|--|-------------------|--|--|--|
| Transmitter | Section | Question | Response | | | |
| | Existing Transmitter Description | Type of change | Purchase New | | | |
| | | Use | Primary (Main) | | | |
| | | Description of Use | N/A | | | |
| | | Ownership | Owned | | | |
| | | Owner | N/A | | | |
| | | Site | N/A | | | |
| | | Is this transmitter currently shared with another station? | No | | | |
| | | Is this transmitter currently in operating condition? | Yes | | | |
| | Existing Transmitter | Manufacturer | | | | |
| | Manufacturer and Type | Model | DHD20P1 | | | |
| | | Year | 2001 | | | |
| | | Туре | Solid State | | | |
| | | Solid State Cooling | Air Cooled | | | |
| | | Solid State Power Capacity | 5 kW | | | |

Existing Transmitter Information

| Primary | New Transmitter Costs | | | | | |
|-------------|-----------------------|---|---|--|--|--|
| Transmitter | Section | Question | Response | | | |
| | New Transmitter | Use | Primary (Main) | | | |
| | | Change Type | Purchase New | | | |
| | | Is this a request for upgraded equipment? | No | | | |
| | | Manufacturer | | | | |
| | | Model | Maxiva UAXTE-8 | | | |
| | | Transmitter Type | Solid State | | | |
| | | Solid State Cooling | Air Cooled | | | |
| | | Solid State Power capacity | 5 kW | | | |
| | | Justification for New Transmitter | Pre-auction transmitter no longer supported by supplier; not re- tunable. | | | |

| Primary | Other Transmitter Costs | | | | | |
|-------------|-------------------------|---------------------------------------|-----------|--|--|--|
| Transmitter | Section | Question | Response | | | |
| | Electrical Service | Service Entrance (3 phases 800A 208V) | Yes | | | |
| | | Switchgear (industrial 800 amp) | Yes | | | |
| | | Transformer (480V) | No | | | |
| | | Power | N/A | | | |
| | | Rigid Conduit and Wiring | Yes | | | |
| | | Size | 3 inches | | | |
| | | Length | 50.0 feet | | | |
| | | Other Electrical Service | No | | | |
| | | | | | | |

| | Description | N/A |
|---|--|-----|
| HVAC Service | Does the replacement transmitter require HVAC Service? | No |
| | Туре | N/A |
| | Size | N/A |
| | Other Size | N/A |
| Transmitter Building Addition/Modification or Leasehold Improvement | Does the Transmitter Building require an addition, modification, other leashold improvement? | No |
| | Size | N/A |
| Channel 14 Costs | Is an RF Consulting Engineer needed? | N/A |
| | Is a channel 14 Mask Filer needed? | N/A |
| | Is additional field engineering time needed? | N/A |
| | Number of Days | N/A |

Other Transmitter Cost Not Listed

Primary Other Transmitter Co Transmitter Information not provided.

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

| Primary | Existing Antenna Information | | | | | |
|---------|---------------------------------|--|--------------------|--|--|--|
| Antenna | 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 | Class | Full Power | | | |
| | Manufacturer and Type | Mounting | Side Mount | | | |
| | | Antenna position in stack | Not in Stack | | | |
| | | Polarization | Horizontal | | | |
| | | Туре | Slotted Coaxial | | | |
| | | Number of Stations Supported | N/A | | | |
| | | Number of Panels | N/A | | | |
| | | Design power capacity in use | N/A | | | |
| | | Lower Limit | N/A | | | |
| | | Upper Limit | N/A | | | |
| | | Other Antenna Type | N/A | | | |
| | | ERP: (Effective Radiated Power) | 63.3 kW | | | |

| Manufacturer | |
|--------------|-----------------|
| Model | TLP-16B (30) |
| Year | 2001 |

| 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? | Yes | |
| | | 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 | Class | Full Power | |
| | Manufacturer and Types | Mounting | Top Mount | |
| | | Antenna position in stack | Not in Stack | |
| | | Polarization | Elliptical | |
| | | Туре | 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) | 37.3 kW | |
| | | Manufacturer | | |
| | | | 1 | |

| Model | ATW16H3- ETO-17H |
|-------------------------------|--|
| Year | 2017 |
| Justification for New Antenna | Primary antenna is not broadband or able to be tuned to a new channel. New top mount reduces overall repack cost. Please see Repack Plan Exhibit for details. |

Other Ante nna Costs

Primary

| · · · · · | |
|-----------|--|
| Antenna | |

| Do you need a Combiner for a Shared Antenna? | No |
|---|---|
| Туре | |
| Number of channels supported | N/A |
| Frequencies of channels supported | N/A |
| Frequency | N/A |
| Do you need a combiner output splitter /switcher for dual feed lines? | N/A |
| Do you require the separate purchase of the Elbow Complex? | Yes |
| Broadband or Single Channel? | Single Channel |
| | Antenna?TypeNumber of channels supportedFrequencies of channels supportedFrequencyDo you need a combiner output splitter /switcher for dual feed lines?Do you require the separate purchase of the Elbow Complex? |

| | Feed Line Size | 3 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 Other Antenna Cost Not Listed

Antenna Informatio

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

| Primary Transmissio | Existing Transmission Line | | | |
|------------------------|---|--|---------------------|--|
| | on Line Section | Question | Response | |
| | Existing Transmission Line Description | Type of change | Purchase New | |
| | | Use | Primary (Main) | |
| | | Description of Use | N/A | |
| | | Ownership | Owned | |
| | | Owner | N/A | |
| | | Site | N/A | |
| | | Is the existing transmission line shared with another station or stations? | No | |
| | | Is Transmission Line in operating condition? | Yes | |
| | Existing Transmission | Manufacturer | | |
| | Line Manufacturer and Type | Туре | Flexible Air | |
| | | Diameter | 3 inches | |
| | | Other Diameter | N/A | |
| | | Segment Length | N/A | |
| | | Other Segment Length | N/A | |
| | | Number of parallel runs | 1 | |
| | | Length | 475 feet per run | |

Existing Transmission Line

| Primary Transmissio | New Transmission Line | | | |
|------------------------|--------------------------------|---|--|--|
| | n 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 | |
| | | Туре | Flexible Air | |
| | | Diameter | 3 inches | |
| | | Other Diameter | N/A | |
| | | Segment Length | N/A | |
| | | Other Segment Length | N/A | |
| | | Number of parallel runs | 1 | |
| | | Length | 505 feet per run | |
| | | Justification for New Transmission Line | Installation of new line makes possible the operation of the current facility while the tower is rigged and the construction of the new facility is underway. | |

Primary Other Transmission Line Expenses Not Listed

Transmission home tion not provided.

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

Existing Tower

| Primary 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? | 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? | No | |
| | | Is tower compliant with Rev G? | No | |
| | Existing Tower Structure Registration | Do you have a tower registration number? | Yes | |
| | | ASR Number | 1044038 | |
| | Coordinates (NAD83 (| Latitude (NAD83) | 37° 51' 07.0" N- | |
| | North American Datum of 1983)) | Longitude (NAD83) | 087° 19' 44.0" W- | |
| | | Overall Structure Height | 499.34 feet | |
| | | Support Structure Height | 449.80 feet | |
| | | Ground Elevation Above Mean Sea Level (AMSL) | 375.00 feet | |
| | | Structure Type | TOWER - Free Standing or Guyed Structure | |

| Tower Owner | KENTUCKY AUTHORITY FOR EDUCATIONAL TELEVISION DBA = WKOH |
|------------------|---|
| Date Constructed | 06/13/2002 |

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 |
|-------------|-----------|---------|
| 71864 | WKPB | FM |

Primary Tower Modification Costs

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

Primary Tower Rigging Costs

| • | | •• | • | | |
|---|---|----|---|----|--|
| Т | C |)V | V | er | |

| 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 | | |
| | Load Study | Structural engineering tower load study is required to design tower reinforcements and rigging. | | |

| Outside | Section | Question | Response |
|--------------|--|--|---|
| Professional | Services Costs Outside Project Management Services | Do you require outside project management services? | Yes |
| | | Number of Hours | 80 |
| | | Explanation | KET Staff require outside services to manage the upgrades. |
| | 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 | No |
| | | Quantity | N/A |
| | | Do you have Distributed Transmission System engineering services? | N/A |
| | | Critical Facility | N/A |
| | | Terrain-Shielded Facility | N/A |
| | Attorney and Other Outside Consulting | Prepare and file Form FCC Construction Permit Application | Yes |
| | Services | For Auxiliary Facility | No |
| | | For Main Facility | Yes |
| | | Prepare and file Form FCC License to Cover Application | Yes |

| | For Auxiliary Facility | No |
|----------------------------------|--|-----|
| | For Main Facility | Yes |
| | Prepare request for Special Temporary Authority | No |
| | Quantity | N/A |
| | 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 | No |
| 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 Other Professional Services Expenses Not Listed Professional Services roopstsided.

| Other | Section | Question | Response |
|----------|---------------------------------|--|----------|
| Expenses | 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 | 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? | No |
| | | Does this relocation require Equipment Storage? | Yes |
| | | Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change? | Yes |
| | | Does this relocation require MVPD Notification of a Channel Change? | Yes |

Other Expenses Not Listed

Expenses Information not provided.

Transmitters

Cost Information

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|--------------------------------|-------------------|------------------------------------|----------------|------------------------------|
| Primary Transmitter Maxiva UAXTE-8 | \$291,700.00 | \$277,450.00 | | \$0.00 | |
| Service entrance 3 phase/800 amp/208 volt | \$14,400.00 | \$13,700.00 | N/A | N/A | N/A |
| UHF - Air Cooled Solid State Transmitter 4 - 6 kW | \$236,500.00 | \$225,000.00 | N/A | N/A | N/A |
| Switchgear - industrial 800 amp | \$38,200.00 | \$36,300.00 | N/A | N/A | N/A |
| 3" Rigid Conduit and Wiring (Cost per foot) | \$2,600.00 | \$2,450.00 | N/A | N/A | N/A |
| Sub-total | \$291,700.00 | \$277,450.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$983,125.00 | \$1,154,280.00 | N/A | \$4,645.63 | N/A |

Components

Antennas

Cost Information

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|--------------------------------|-------------------|--|----------------|------------------------------|
| Primary Antenna ATW16H3- ETO-17H | \$303,830.00 | \$248,800.00 | | \$0.00 | |
| Elbow complex, single channel, at antenna input, per 3 1/8. feedline (if needed) | \$7,600.00 | \$7,400.00 | N/A | N/A | N/A |
| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized | \$289,500.00 | \$235,000.00 | Cost estimate adjusted for reimbursement of horizontal- polarized antenna like the pre-repack primary antenna. | N/A | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | N/A | N/A |
| Sub-total | \$303,830.00 | \$248,800.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$983,125.00 | \$1,154,280.00 | N/A | \$4,645.63 | N/A |

Transmission Line

Cost Information

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|--------------------------------|-------------------|------------------------------------|----------------|------------------------------|
| Primary Transmission Line | \$29,795.00 | \$28,280.00 | | \$0.00 | |
| Flexible Air Transmission Line - dielectric, 3" | \$29,795.00 | \$28,280.00 | N/A | N/A | N/A |
| Sub-total | \$29,795.00 | \$28,280.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$983,125.00 | \$1,154,280.00 | N/A | \$4,645.63 | N/A |

Components

Tower Equipment and Rigging Costs

Cost Information

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|--------------------------------|-------------------|--|----------------|------------------------------|
| Primary Tower TOWER | \$280,500.00 | \$532,000.00 | | \$0.00 | |
| Minor tower reinforcement /modifications | \$158,000.00 | \$150,000.00 | N/A | \$0.00 | N/A |
| Load Study | \$12,000.00 | \$12,000.00 | Structural engineering tower load study is required to design tower reinforcements and rigging. | \$0.00 | N/A |
| Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study | \$26,300.00 | \$25,000.00 | N/A | \$0.00 | N/A |
| Short Tower (less than 500') | \$84,200.00 | \$345,000.00 | KET obtained quotation of realistic scope of tower rigging work from reputable supplier. Please see attached Tower Work exhibit. | N/A | N/A |

| Sub-total | \$280,500.00 | \$532,000.00 | N/A | \$0.00 | N/A |
|-----------------------|--------------|----------------|-----|------------|-----|
| Total for all systems | \$983,125.00 | \$1,154,280.00 | N/A | \$4,645.63 | N/A |

Components

| Actual Information Description | File Name | |
|---|------------------------|-------------------|
| Minor tower reinforcement /modifications | Component Description: | Third Installment |
| | | Tower |
| | | Modification |
| | | Design |
| | Amount: | \$2,475.00 |
| | Component Description: | First Installment |
| | | Tower |
| | | Modification |
| | | Design |
| | Amount: | \$3,375.00 |
| | Component Description: | Second |
| | | Installment Tower |
| | | Modification |
| | | Design |
| | Amount: | \$1,125.00 |

| Load Study | | |
|------------|------------------------|---------------------------------|
| | Component Description: | Second |
| | | Installment |
| | | Geotechnical |
| | | Studies |
| | Amount: | \$4,690.00 |
| | | |
| | Component Description: | Second |
| | | Installment Tower |
| | Amount: | Structural Analysis \$450.00 |
| | Amount. | \$450.00 |
| | | |
| | Component Description: | First Installment |
| | | Tower Structural |
| | | Analysis |
| | Amount: | \$2,550.00 |
| | | |
| | Component Description: | First Installment |
| | | Geotechnical |
| | | Studies |
| | Amount: | \$2,310.00 |
| | | |
| | | |

| Tower mapping for an undocumented/poorly documented tower and | Component Description: | Second Installment Tower |
|---|---------------------------|-----------------------------|
| preparation of documentation necessary | | Inspections |
| for tower load study | Amount: | \$2,144.00 |
| | Component Description: | First Installment |
| | | Foundation |
| | | Mapping |
| | Amount: | \$3,500.00 |
| | Component Description: | First Installment |
| | | Tower Mapping |
| | Amount: | \$1,023.00 |
| | Component Description: | First Installment |
| | | Tower Inspections |
| | Amount: | \$1,156.00 |
| | Component Description: | Second |
| | | Installment Tower |
| | | Mapping |
| | Amount: | \$2,077.00 |
| Short Tower (less than 500') | Information not provided. | |

Outside Professional Services

Cost Information

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

| Description Outside Professional | Predetermined Cost Estimate \$60,250.00 | Estimated Cost \$57,250.00 | Estimated Cost Justification | Actual Cost \$4,645.63 | Actual Cost Justification |
|---|---|----------------------------------|--|------------------------------|------------------------------|
| Services | | | | | |
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$7,000.00 | N/A | \$459.38 | N/A |
| Prepare and or review reimbursement form | \$2,630.00 | \$2,500.00 | N/A | \$1,575.00 | N/A |
| Project management of the transition | \$12,640.00 | \$12,000.00 | KET Staff require outside services to manage the upgrades. | \$43.75 | N/A |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00 | \$3,000.00 | N/A | \$962.50 | 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 |
|---|-------------|-------------|---|------------|-----|
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00 | \$5,000.00 | N/A | \$1,321.00 | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application | \$2,365.00 | \$2,250.00 | N/A | \$284.00 | N/A |
| ASR modification (prepare FCC Form 854) | \$2,105.00 | \$2,000.00 | 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 |
| RF Exposure Measurements | \$21,050.00 | \$20,000.00 | KET requires RFR study of this site with co- located broadcast facilities. | N/A | N/A |
| | | | | | |

| Total for all | \$983,125.00 | \$1,154,280.00 | N/A | \$4,645.63 | N/A |
|---------------|--------------|----------------|-----|------------|-----|
| systems | | | | | |

Components

| Actual Information Description | File Name | |
|---|-----------------------------------|---|
| Perform engineering study for new channel assignment and antenna development | Component Description: Amount: | Review of site documentation and antennas, facility planning \$459.38 |
| | Component Description: Amount: | First installment project startup \$459.38 |
| | Component Description: | Second Installment Engineering Analysis |
| | Amount: | \$1,137.50 |

| Prepare and or review reimbursement form | Component Description: | 399 input and |
|--|---------------------------|---|
| | | support |
| | Amount: | \$175.00 |
| | Component Description: | 399 input and |
| | Amount: | support \$1,400.00 |
| | Component Description: | First Installment Reimbursement |
| | Amount: | \$1,400.00 |
| | Component Description: | Second Installment Reimbursement 399 |
| | Amount: | \$175.00 |
| Project management of the transition | Component Description: | Project |
| | Amount: | management tasks \$43.75 |
| Prepare engineering section of FCC Form 2100 | Component Description: | TV study analysis, |
| (main), Construction Permit Application | | antenna spec, transition draft, CP |
| | Amount: | \$962.50 |
| | Component Description: | First Installment TV study analysis |
| | Amount: | \$962.50 |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | Information not provided. | |

| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | Component Description: Amount: | First Installment Attorney Fees \$99.00 |
|--|-----------------------------------|---|
| | Component Description: Amount: | Third Installment Attorney Fees \$198.00 |
| | Component Description: Amount: | Fourth Installment Attorney Fees \$99.00 |
| | Component Description: Amount: | Second Installment Attorney Fees \$925.00 |
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application | Component Description: Amount: | First Installment Attorney Fees \$49.50 |
| | Component Description: Amount: | Second Installment Attorney Fees \$234.50 |
| ASR modification (prepare FCC Form 854) | Information not provided. | |
| FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase | Information not provided. | |
| RF Exposure Measurements | Information not provided. | |

Other Expenses

Cost Information

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|--------------------------------|-------------------|--|----------------|------------------------------|
| Other Expenses | \$17,050.00 | \$10,500.00 | | \$0.00 | |
| Equipment Storage | \$500.00 | \$500.00 | GBC estimate | N/A | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | \$2,000.00 | \$2,000.00 | KET estimate based on known costs. | N/A | N/A |
| Develop and air announcement of upcoming channel change | \$1,500.00 | \$1,500.00 | KET estimate for developing and airing announcement. | N/A | N/A |
| MVPD Notification of Channel Change | \$1,500.00 | \$1,500.00 | KET estimate to search for and notify all cable companies. | N/A | N/A |
| DTV Medical Facility Notification | \$11,550.00 | \$5,000.00 | GBC estimate based on known quotations | N/A | N/A |
| Sub-total | \$17,050.00 | \$10,500.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$983,125.00 | \$1,154,280.00 | N/A | \$4,645.63 | N/A |

Components

| Cost Information | Grand Total | | | |
|---------------------|-----------------------|--------------------------------|----------------|-------------|
| | | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
| | Total for all systems | \$983,125.00 | \$1,154,280.00 | \$4,645.63 |

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

| Certification | Section | Question | Response |
|---------------|--|---|----------|
| | Submission of Estimated Expenses Statements | WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT. | |
| | | The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. The above-named | |
| | | entity acknowledges that all certifications and attached documentation are considered material representations. | |
| | | 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount. | |
| | | | |

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

| 8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested. | |
|---|--|
| I declare, under penalty of perjury, that I am an authorized representative of the above- named applicant for the Authorization(s) specified above. | Shae Hopkins Executive Director 02/08/2019 |

| 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). | |
| | | 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).
- 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.

| | The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission. 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. | |
|-----------------|--|--|
| an aut named | are, under penalty of perjury, that I am thorized representative of the above- d applicant for the Authorization(s) ied above. | Shae Hopkins Executive Director |
| | | 02/08/2019 |

Attachments