



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **28476** | Service: **DTV** | Call **WDRB** | Channel: **32 (UHF)** |
 ID: | Sign:
 File **0000028687**
 Number:
 FRN: **0003189248** | Date **08/06**
 Submitted: **/2018**

Applicant Information

Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|--|--|-------------------|------------------------------------|----------------|
| INDEPENDENCE TELEVISION COMPANY | Keith Wilkowski 624 W. MUHAMMAD ALI BLVD LOUISVILLE, KY 40203 United States | +1 (419) 277-6006 | kwilkowski@blockcommunications.com | Corporation |

Reimbursement Contact Information

Reimbursement Contact Name and Information

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

Preparer Contact Information

Preparer Contact Name and Information

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

Broadcaster Information and Transition Plan

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

| | |
|---|--|
| <p>Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.</p> | <p>Yes</p> |
| <p>Briefly describe transition plan</p> | <p>The FCC allocated us two frequencies that aren't adjacent to each other (16 & 32). This combination will require 4 antennas and 4 feedlines. The existing tower will not support that much weight. We request to construct a new tower with a "T" top design.</p> |

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

**Auxiliary
Transmitter****Existing Transmitter Information**

| Section | Question | Response |
|---|--|--------------------------------|
| Existing Transmitter Description | Type of change | Purchase New |
| | Use | Auxiliary (Backup) |
| | Description of Use | Aux /Standby transmitter |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is this transmitter currently shared with another station? | No |
| | Is this transmitter currently in operating condition? | No |
| Existing Transmitter Manufacturer and Type | Manufacturer | |
| | Model | CZ1000 |
| | Year | 2002 |
| | Type | Solid State |
| | Solid State Cooling | Air Cooled |
| | Solid State Power Capacity | 1 kW |

**Auxiliary
Transmitter**

New Transmitter Costs

| Section | Question | Response |
|------------------------|---|---|
| New Transmitter | Use | Auxiliary (Backup) |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Manufacturer | |
| | Model | UAXTE-2R37 |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Air Cooled |
| | Solid State Power capacity | 1 kW |
| | Justification for New Transmitter | Our present Aux transmitters are no longer supported for repair or retuning by the manufacturer. |

**Auxiliary
Transmitter**

Other Transmitter Costs

| Section | Question | Response |
|---------------------------|---------------------------------------|------------|
| Electrical Service | Service Entrance (3 phases 800A 208V) | No |
| | Switchgear (industrial 800 amp) | No |
| | Transformer (480V) | Yes |
| | Power | 150 kVA |
| | Rigid Conduit and Wiring | Yes |
| | Size | 2 inches |
| | Length | 100.0 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 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 |

Auxiliary Transmitter

Other Transmitter Cost Not Listed

| Name | Description |
|-----------|--|
| RF Switch | We will need an additional RF switch for the Aux transmitter |

**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 Millineum |
| | 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? | Yes |
| | Manufacturer | |
| | Model | ULXTE-72 |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 58 kW |
| | Justification for New Transmitter | Comark, Our present transmitter manufacturer will not support the retuning of our existing IOT transmitters. Our intention is to replace them. We will pay extra for a model with power ratings for ATSC 3.0. |

Primary Transmitter

Other Transmitter Costs

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

| | | |
|--|---|--|
| | Power | 300 kVA |
| | Rigid Conduit and Wiring | Yes |
| | Size | 3 inches |
| | Length | 100.0 feet |
| | Other Electrical Service | Yes |
| | Description | Two transmitters, main and Aux will need to be wired simultaneously. |
| 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 |
|-----------------------|--|
| Demolition | To prepare for the installation of the new transmitters, we will be required to remove 3 beam transformers, filled with mineral oil. |
| RF Accessories | RF dummy load, 4 port switch, switch controller |

| | |
|-------------------------------|--|
| Installation and proof | Installation of transmitter and proof of performance |
| Mask Filter | ATSC Mask filter Kit |

Antennas

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

**Auxiliary
Antenna**

Existing Antenna Information

| Section | Question | Response |
|---|--|----------------------------|
| Existing Antenna Description | Type of change | Purchase New |
| | Antenna Use | Auxiliary (Backup) |
| | Description of Use | Aux /Standby antenna |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is the existing antenna shared with another station or stations? | Yes |
| | Is the existing antenna directional? | No |
| | 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 | Side 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 | TFU- 32DSB- R04TC |
| Year | 2005 |

**Facility ID's and Call Signs of
all stations with whom the
antenna is shared.**

| Facility ID | Call Sign |
|-------------|-----------|
| 34167 | WBKI |

**Auxiliary
Antenna**

New Antenna Costs

| Section | Question | Response |
|---|--|--------------------|
| New Antenna Description | Use | Auxiliary (Backup) |
| | Description of Use | Aux /Standby |
| | 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 Manufacturer and Types | Class | Full Power |
| | Mounting | Side Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Elliptical |
| | 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) | 724.0 kW |
| Manufacturer | | |

| | |
|-------------------------------|--|
| Model | ATW16H3-ESCX-32H |
| Year | 2018 |
| Justification for New Antenna | Require new antenna due to new frequency allocation. Costs listed reflect a \$15,500.00 up charge for ATSC 3.0 compliant (Elliptical) antenna. |

Auxiliary 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? | 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 |

**Auxiliary
Antenna**

Other Antenna Cost Not Listed

Information not provided.

**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? | Yes |
| | Is the existing antenna directional? | No |
| | 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 | TFU-32- GTH-R-06 |
| Year | 2009 |

**Facility ID's and Call Signs of
all stations with whom the
antenna is shared.**

| Facility ID | Call Sign |
|-------------|-----------|
| 34167 | WBKI |

**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 Manufacturer and Types | Class | Full Power |
| | Mounting | Top Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Elliptical |
| | 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) | 1000.0 kW |
| Manufacturer | | |

| | |
|-------------------------------|--|
| Model | ATW25H3-ET0-32H |
| Year | 2018 |
| Justification for New Antenna | Require new antenna due to new frequency allocation. Costs listed reflect a \$15,500.00 up charge for ATSC 3.0 compliant (Elliptical) antenna. |

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 | 7 3/16 inches inches |

| | | |
|---------------------------------|---|-----|
| Side Mount Brackets | Do you require the separate purchase of side mount brackets for a high power antenna? | No |
| Pattern Scatter Analysis | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | Yes |
| Sweep Test | Do you require the sweep testing of transmission line and antenna? | Yes |

**Primary
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 |

**Auxiliary
Transmission
Line**

Existing Transmission Line

| Section | Question | Response |
|---|--|-----------------------|
| Existing Transmission Line Description | Type of change | Purchase New |
| | Use | Auxiliary (Backup) |
| | Description of Use | Aux/standby |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is the existing transmission line shared with another station or stations? | Yes |
| | Is Transmission Line in operating condition? | Yes |
| Existing Transmission Line Manufacturer and Type | Manufacturer | |
| | Type | Rigid |
| | Diameter | 7 3/16 inches |
| | Other Diameter | N/A |
| | Segment Length | 19 1/2 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 960 feet per run |

Facility ID's and Call Signs of all stations with whom the transmission line is shared.

| Facility ID | Call Sign |
|-------------|-----------|
| 34167 | WBKI |

**Auxiliary
Transmission
Line**

New Transmission Line

| Section | Question | Response |
|---|---|--------------------|
| New Transmission Line Costs | Use | Auxiliary (Backup) |
| | Description of Use | Aux /Standby |
| | 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 3/4 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 1040 feet per run |
| Justification for New Transmission Line | Required due to new frequency allocation. | |

**Auxiliary
Transmission
Line**

Other Transmission Line Expenses Not Listed

| Name | Description |
|-------------------|---|
| Dehydrator | New dehydrator required for six and one eighth inch line. |

**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? | Yes |
| | Is Transmission Line in operating condition? | Yes |
| Existing Transmission Line Manufacturer and Type | Manufacturer | |
| | Type | Rigid |
| | Diameter | 8 3/16 inches |
| | Other Diameter | N/A |
| | Segment Length | 19 1/2 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 1043 feet per run |

Facility ID's and Call Signs of all stations with whom the transmission line is shared.

| Facility ID | Call Sign |
|-------------|-----------|
| 34167 | WBKI |

**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 | 7 3/16 inches |
| | Other Diameter | N/A |
| | Segment Length | 19 3/4 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 1123 feet per run |
| | Justification for New Transmission Line | Required due to new frequency allocation. |

**Primary
Transmission
Line**

Other Transmission Line Expenses Not Listed

| Name | Description |
|-------------------|---|
| Dehydrator | New Dehydrator required for seven and three sixteenths inch line. |

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

Add 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 | 1028421 |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 38° 21' 00.0" N- |
| | Longitude (NAD83) | 085° 50' 57.0" W- |
| | Overall Structure Height | 999.99 feet |
| | Support Structure Height | 944.87 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 960.95 feet |

| | |
|------------------|--|
| Structure Type | TOWER - Free Standing or Guyed Structure |
| Tower Owner | Independence Television |
| Date Constructed | 12/01/1972 |

**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 |
|-------------|-----------|---------|
| 34167 | WBKI | DTV |

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? | Yes |
| | Height | 999.99 feet |
| | Justification for New Tower | The FCC allocated us two frequencies that aren't adjacent to each other (16 & 32). This combination will require 4 antennas and 4 feedlines. The existing tower will not support that much weight. We request to construct a new tower with a "T" top design. |

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 |
|--|--|
| Rental of heavy equipment | Rental of a Sky-jack to off load transmitters and other equipment. |
| Foundation | Concrete work for pier and anchors |
| Electric | Provide electricity to base of tower for lighting and ENG antennas. |
| Installation services | Installation of two WDRB antennas and two WDRB feedlines. Remove old equipment from existing tower and mount on new tower. |
| Transmission line designs | Design drawings of transmission lines |
| Purchase six and one eighth inch hangers | Utilized to hang six and one eighth inch feedline |
| State taxes | State taxes at 7% for the new tower |
| Fence removal and installation | Costs for removing existing fence and installing new fence around new tower and guy anchors. |
| Purchase seven and three sixteenth inch hangers | Utilized to hang seven and three sixteenth inch feedline |
| Install tower and ice bridge | Charges for the installation of the tower and new ice bridge |
| Demolition | Removal of old tower and all apparatuses not utilized. |
| Asphalt repair | Funds needed to repair the existing asphalt surface of the tower area after construction, |
| Shipping Freight | Freight charges for tower components |

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 | 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 |
| 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) | 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 | Yes |
| RF Field Engineering Services | Comprehensive coverage verification via field study | Yes |
| | RF exposure measurements | No |
| | Additional Field Engineering Service | Yes |
| | Number of Days | 14 |
| | Justification | Taking signal measurements of predetermined radials which will be used to compare after transition. |

Other Professional Services Expenses Not Listed

Outside Professional Services Costs

| Name | Description |
|------------------------------|--|
| Advanced site survey GA999TS | Site survey performed by transmitter manufacturer. |

| | |
|---|---|
| Existing-Tower Inspection | Coast-To-Coast Tower performed an inspection for us on the existing tower |
| RF Consultant D. Everist | Rf Consultant that files Engineering studies on our behalf. |
| Structural Engineering Analysis of Tower | Mark Malouf performed a total of three (to date) structural tower analysis on the WMYO/WDRB existing tower. |

Other Expenses

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

**Other
Expenses**

Other Expenses Not Listed

| Name | Description |
|---|--|
| Project management fees internal | Cost of station personnel man hours working on repack planning |

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 ULXTE-72 | \$2,066,795.30 | \$1,502,408.26 | | \$4,500.00 | |
| Mask Filter | <i>\$70,637.32</i> | \$70,637.32 | GatesAir Quote Q-65984 | N/A | N/A |
| Installation and proof | <i>\$82,198.75</i> | \$82,198.75 | GatesAir Quote Q-65984 | N/A | N/A |
| Demolition | <i>\$4,500.00</i> | \$4,500.00 | N/A | \$4,500.00 | N/A |
| RF Accessories | <i>\$41,959.23</i> | \$41,959.23 | GatesAir Quote Q-65984 | N/A | N/A |
| Other Electrical Service: Two transmitters, main and Aux will need to be wired simultaneously. | <i>\$37,500.00</i> | \$37,500.00 | N/A | N/A | N/A |
| 3" Rigid Conduit and Wiring (Cost per foot) | \$5,200.00 | \$4,900.00 | N/A | N/A | N/A |
| Transformer 3 phase/480v - 300 KVA | \$36,800.00 | \$12,998.82 | GatesAir Quote Q-65984 | N/A | N/A |
| UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW | \$1,788,000.00 | \$1,247,714.14 | GatesAir Quote Q-65984 | N/A | N/A |

| | | | | | |
|---|-----------------------|-----------------------|------------|-------------------|------------|
| Auxiliary Transmitter UAXTE-2R37 | \$178,059.00 | \$158,624.24 | | \$0.00 | |
| UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW | \$126,000.00 | \$107,915.24 | N/A | N/A | N/A |
| Transformer 3 phase/480v - 150 KVA | \$25,550.00 | \$24,300.00 | N/A | N/A | N/A |
| 2" Rigid Conduit and Wiring (Cost per foot) | \$2,600.00 | \$2,500.00 | N/A | N/A | N/A |
| RF Switch | \$23,909.00 | \$23,909.00 | N/A | N/A | N/A |
| Sub-total | \$2,244,854.30 | \$1,661,032.50 | N/A | \$4,500.00 | N/A |
| Total for all systems | \$6,354,847.30 | \$5,331,438.50 | N/A | \$5,542.50 | N/A |

Components

| Actual Information Description | File Name |
|--|--|
| Mask Filter | Information not provided. |
| Installation and proof | Information not provided. |
| Demolition | <p>Component Description: Labor for transmitter Demolition project</p> <p>Amount: \$4,500.00</p> |
| RF Accessories | Information not provided. |
| Other Electrical Service: Two transmitters, main and Aux will need to be wired simultaneously. | Information not provided. |
| 3" Rigid Conduit and Wiring (Cost per foot) | Information not provided. |

| | |
|--|---------------------------|
| Transformer 3 phase/480v - 300 KVA | Information not provided. |
| UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW | Information not provided. |
| UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW | Information not provided. |
| Transformer 3 phase/480v - 150 KVA | Information not provided. |
| 2" Rigid Conduit and Wiring (Cost per foot) | Information not provided. |
| RF Switch | 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 |
|--|-----------------------------|---------------------|--|---------------|---------------------------|
| Primary Antenna ATW25H3-ET0-32H | \$315,390.00 | \$216,717.00 | | \$0.00 | |
| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized | \$289,500.00 | \$178,125.00 | N/A | N/A | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | N/A | N/A |
| Elbow complex, single channel, at antenna input, per 7 3/16. feedline (if needed) | \$13,900.00 | \$27,192.00 | This is the price quoted by ERI for all the elbows in the line (12). Actual cost may change after we pay for the transmission line design. | N/A | N/A |

| | | | | | |
|--|---------------------|---------------------|---|---------------|-----|
| 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 |
| Auxiliary Antenna ATW16H3-ESCX-32H | \$191,190.00 | \$181,054.00 | | \$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 |
| UHF - High Power, Side Mount, basic slot antenna, 724 kW input, elliptically or circularly polarized | <i>\$143,750.00</i> | \$143,750.00 | N/A | N/A | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | N/A | N/A |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed) | \$12,300.00 | \$12,904.00 | This is the cost figure the manufacture had listed for the elbow complex. | N/A | N/A |

| | | | | | |
|--|----------------|----------------|-----|------------|-----|
| Side mount brackets for high power antennas (if not included in antenna base cost) | \$23,150.00 | \$13,000.00 | N/A | N/A | N/A |
| Sub-total | \$506,580.00 | \$397,771.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$6,354,847.30 | \$5,331,438.50 | N/A | \$5,542.50 | N/A |

Components

Information not provided.

Cost Information

Transmission Line

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|-----------------------------|-----------------------|------------------------------|-------------------|---------------------------|
| Primary Transmission Line | \$336,640.00 | \$300,052.00 | | \$0.00 | |
| Dehydrator | <i>\$10,970.00</i> | \$10,970.00 | N/A | N/A | N/A |
| Rigid Transmission Line - copper, 7 3/16" | \$325,670.00 | \$289,082.00 | N/A | N/A | N/A |
| Auxiliary Transmission Line | \$221,050.00 | \$151,189.00 | | \$0.00 | |
| Dehydrator | <i>\$10,970.00</i> | \$10,970.00 | N/A | N/A | N/A |
| Rigid Transmission Line - copper, 6 1/8" | \$210,080.00 | \$140,219.00 | N/A | N/A | N/A |
| Sub-total | \$557,690.00 | \$451,241.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$6,354,847.30 | \$5,331,438.50 | N/A | \$5,542.50 | N/A |

Components

Information not provided.

Cost Information

Tower Equipment and Rigging Costs

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|-----------------------------|-----------------------|------------------------------|-------------------|---------------------------|
| Primary Tower TOWER | \$0.00 | \$0.00 | | \$0.00 | |
| Primary Tower | \$2,791,625.00 | \$2,581,126.00 | | \$1,042.50 | |
| State taxes | <i>\$134,843.00</i> | \$134,843.00 | N/A | N/A | N/A |
| Shipping Freight | <i>\$11,696.00</i> | \$11,696.00 | N/A | N/A | N/A |
| Asphalt repair | <i>\$5,000.00</i> | \$5,000.00 | N/A | N/A | N/A |
| Foundation | <i>\$200,000.00</i> | \$200,000.00 | N/A | N/A | N/A |
| Purchase seven and three sixteenth inch hangers | <i>\$55,413.00</i> | \$55,413.00 | N/A | N/A | N/A |
| Install tower and ice bridge | <i>\$625,000.00</i> | \$625,000.00 | N/A | N/A | N/A |
| Installation services | <i>\$89,286.00</i> | \$89,286.00 | N/A | N/A | N/A |
| Electric | <i>\$2,500.00</i> | \$2,500.00 | N/A | N/A | N/A |
| Purchase six and one eighth inch hangers | <i>\$29,922.00</i> | \$29,922.00 | N/A | N/A | N/A |
| Transmission line designs | <i>\$9,250.00</i> | \$9,250.00 | N/A | N/A | N/A |
| Fence removal and installation | <i>\$5,000.00</i> | \$5,000.00 | N/A | N/A | N/A |

| | | | | | |
|--------------------------------------|-----------------------|----------------|--|------------|-----|
| Demolition | <i>\$160,715.00</i> | \$160,715.00 | N/A | N/A | N/A |
| Tall Tower (greater than 500') | \$210,500.00 | \$1.00 | Cost reflected in new tower expense | N/A | N/A |
| Rental of heavy equipment | <i>\$2,500.00</i> | \$2,500.00 | N/A | N/A | N/A |
| New tower | <i>\$1,250,000.00</i> | \$1,250,000.00 | N/A | \$1,042.50 | N/A |
| Sub-total | \$2,791,625.00 | \$2,581,126.00 | N/A | \$1,042.50 | N/A |
| Total for all systems | \$6,354,847.30 | \$5,331,438.50 | N/A | \$5,542.50 | N/A |

Components

| Actual Information | |
|--|---------------------------|
| Description | File Name |
| State taxes | Information not provided. |
| Shipping Freight | Information not provided. |
| Asphalt repair | Information not provided. |
| Foundation | Information not provided. |
| Purchase seven and three sixteenth inch hangers | Information not provided. |
| Install tower and ice bridge | Information not provided. |
| Installation services | Information not provided. |
| Electric | Information not provided. |
| Purchase six and one eighth inch hangers | Information not provided. |
| Transmission line designs | Information not provided. |
| Fence removal and installation | Information not provided. |
| Demolition | Information not provided. |
| Tall Tower (greater than 500') | Information not provided. |

| | |
|---------------------------|--|
| Rental of heavy equipment | Information not provided. |
| New tower | <p data-bbox="730 248 1034 282">Component Description:</p> <p data-bbox="1169 248 1337 398">Survey of new tower location and support cables. Fieldwork. Drawing and process data.</p> <p data-bbox="730 533 836 566">Amount:</p> <p data-bbox="1169 533 1289 566">\$1,042.50</p> |

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 | \$211,018.00 | \$204,753.00 | | \$0.00 | |
| Structural Engineering Analysis of Tower | <i>\$10,000.00</i> | \$10,000.00 | N/A | N/A | N/A |
| RF Consultant D. Everist | <i>\$50,000.00</i> | \$50,000.00 | N/A | N/A | N/A |
| Existing-Tower Inspection | <i>\$5,000.00</i> | \$5,000.00 | N/A | N/A | N/A |
| Additional Field Engineering Service, 14 Days | <i>\$11,650.00</i> | \$11,650.00 | N/A | N/A | N/A |
| Comprehensive coverage verification via field study, if needed | \$84,200.00 | \$80,000.00 | N/A | N/A | N/A |
| ASR modification (prepare FCC Form 854) | \$2,105.00 | \$2,000.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | \$3,680.00 | \$3,500.00 | 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 | N/A | N/A |
| Prepare request for Special Temporary Authorization | \$2,050.00 | \$1,500.00 | N/A | N/A | N/A |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | \$1,580.00 | \$1,500.00 | N/A | N/A | N/A |
| 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 |
| Prepare and or review reimbursement form | \$2,630.00 | \$2,500.00 | N/A | N/A | N/A |
| Address transition timing and coordination issues w/ other stations and wireless | \$2,630.00 | \$2,500.00 | N/A | N/A | N/A |
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$7,000.00 | 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 | N/A | N/A |
| Advanced site survey GA999TS | <i>\$17,353.00</i> | \$17,353.00 | N/A | N/A | N/A |
| Sub-total | \$211,018.00 | \$204,753.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$6,354,847.30 | \$5,331,438.50 | N/A | \$5,542.50 | N/A |

Components

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 | \$43,080.00 | \$35,515.00 | | \$0.00 | |
| Project management fees internal | <i>\$15,000.00</i> | \$15,000.00 | N/A | N/A | N/A |
| MVPD Notification of Channel Change | <i>\$1,000.00</i> | \$1,000.00 | N/A | N/A | N/A |
| Develop and air announcement of upcoming channel change | <i>\$1,000.00</i> | \$1,000.00 | N/A | N/A | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <i>\$4,000.00</i> | \$4,000.00 | N/A | N/A | N/A |
| Non-zoning permits | <i>\$3,000.00</i> | \$3,000.00 | N/A | N/A | N/A |
| Local Zoning | <i>\$7,000.00</i> | \$7,000.00 | N/A | N/A | N/A |
| FCC Filing Fees - Special Temporary Authorization request | \$195.00 | \$190.00 | N/A | N/A | N/A |
| FCC Filing Fees - Form 2100 license to cover application | \$335.00 | \$325.00 | N/A | N/A | N/A |

| | | | | | |
|---|----------------|----------------|-----|------------|-----|
| DTV Medical Facility Notification | \$11,550.00 | \$4,000.00 | N/A | N/A | N/A |
| Sub-total | \$43,080.00 | \$35,515.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$6,354,847.30 | \$5,331,438.50 | N/A | \$5,542.50 | N/A |

Components

Information not provided.

Cost Information **Grand Total**

| | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
|------------------------------|------------------------------------|-----------------------|--------------------|
| Total for all systems | \$6,354,847.30 | \$5,331,438.50 | \$5,542.50 |

Reimbursement Status

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

| Certification | Section | Question | Response |
|---------------|---|---|----------|
| | <p>Submission of Estimated Expenses Statements</p> | <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.

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.

**Gary Schroder ,
Schroder .**
*Chief
Engineer*

08/06/2018

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

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

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

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

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

Gary Schroder
Chief Engineer

08/06/2018

Attachments