



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **46755** | Service: **DTV** | Call **WCFE-TV** | Channel: **36 (UHF)** |  
ID:  
File **0000028411**  
Number:  
FRN: **0003459989** | Date **12/12**  
Submitted: **/2019**

## Applicant Information

### Applicant Name, Type, and Contact Information

| Applicant  | Address   | Phone                       | Email                 | Applicant Type   |
|--|---|-----------------------------|-----------------------|--|
| <b>MOUNTAIN LAKE<br/>PUBLIC<br/>TELECOMMUNICATIONS<br/>COUNCIL</b> | 1 SESAME<br>STREET<br>PLATTSBURGH,<br>NY 12901<br>United States | +1<br>(518)<br>563-<br>9770 | TROGERS@MLPBS.<br>ORG | Private Not-<br>for-Profit<br>Educational<br>Institution |

## 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   | Modify plant and install new transmitter. Use existing channel on existing auxiliary antenna during and after primary antenna is retuned to reassigned channel. Complete transition to main antenna. Replace auxiliary antenna. |

## Transmitters

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

**Primary  
Transmitter**

**Existing Transmitter Information**

| Section   | Question   | Response          |
|---|--|-------------------|
| <b>Existing Transmitter<br/>Description</b>           | Type of change   | Purchase<br>New   |
|   | Use  | Primary<br>(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               |
| <b>Existing Transmitter<br/>Manufacturer and Type</b> | Manufacturer   |                   |
|   | Model  | Ultimate          |
|   | Year   | 2004              |
|   | Type   | Solid State       |
|   | Solid State Cooling  | Liquid<br>Cooled  |
|   | Solid State Power Capacity                                 | 8 kW              |

**Primary  
Transmitter**

**New Transmitter Costs**

| Section         | Question                                  | Response  |
|-----------------|---|---|
| New Transmitter | Use                                       | Primary (Main)  |
|                 | Change Type                               | Purchase New  |
|                 | Is this a request for upgraded equipment? | No  |
|                 | Manufacturer                              |   |
|                 | Model                                     | Parallax  |
|                 | Transmitter Type                          | Solid State   |
|                 | Solid State Cooling                       | Liquid Cooled   |
|                 | Solid State Power capacity                | 6 kW  |
|                 | Justification for New Transmitter         | Existing transmitter and exciters are end of life on December 31, 2019 and no longer supported. Manufacturer does not recommend transmitter retuning due to lack of parts availability. |

**Primary  
Transmitter**

**Other Transmitter Costs**

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

|  |   |   |
|--|---|---|
|  | Power   | N/A   |
|  | Rigid Conduit and Wiring  | No  |
|  | Size  | N/A   |
|  | Length  | N/A   |
|  | Other Electrical Service  | Yes   |
|  | Description   | Purchase and contracted installation of 480V Delta to 208 Wye power conditioning /transient /lightning /surge protection and associated panel breakers, hardware, wiring, misc. |
| <b>HVAC Service</b>  | Does the replacement transmitter require HVAC Service?  | Yes   |
|  | Type  | Cooling Only  |
|  | Size  | 5 tons  |
|  | Other Size  | N/A   |
| <b>Transmitter Building Addition/Modification or Leasehold Improvement</b> | Does the Transmitter Building require an addition, modification, other leasehold improvement? | Yes   |
|  | Size  | 80.0 square feet  |
| <b>Channel 14 Costs</b>  | 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  |
|---|--|
| Transportation of personnel   | Trail to site is impassable by on road vehicles. Travel to site will be by helicopter unless safe and suitable conditions exist for use of ATV, UTV or stationed owned snowcat. Must be mutually agreed upon with the contractor at that time. |
| Helicopter lift of transmitter, transmitter heat exchanger, HVAC, and materials | Trail to site is impassable by on road vehicles. Delivery to be made by Snowcat or Helicopter only.  |

**Antennas**

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

**Primary  
Antenna****Existing Antenna Information**

| Section                                   | Question   | Response           |
|---|--|--------------------|
| Existing Antenna<br>Description           | Type of change   | Retune<br>Existing |
|   | Antenna Use  | Primary<br>(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<br>Manufacturer and Type | Class  | Full Power         |
|   | Mounting   | Top Mount          |
|   | Antenna position in stack  | Top                |
|   | Polarization   | Horizontal         |
|   | Type   | Broadband<br>Panel |
|   | Number of Stations Supported                                     | 1                  |
|   | Number of Panels   | 3                  |
|   | Design power capacity in use                                     | 28.0 %             |
|   | Lower Limit  | 614.00 MHz         |

|  |                |
|--|----------------|
| Upper Limit                              | 734.00 MHz     |
| Other Antenna Type                       | N/A            |
| ERP: (Effective Radiated Power)<br>..... | 55.0 kW        |
| Manufacturer                             | ERI Inc.       |
| Model                                    | ETU-P3L5-38/57 |
| Year                                     | 2007           |

**Primary  
Antenna**

**Adjustment to Existing Antenna**

| Section                               | Question                                      | Response |
|---------------------------------------|---|----------|
| <b>Sweep Test of Existing Antenna</b> | Do you need a sweep test of existing antenna? | Yes      |

**Primary  
Antenna**

**Other Antenna Costs**

| Section                            | Question                                     | Response |
|------------------------------------|--|----------|
| <b>Combiner for Shared Antenna</b> | Do you need a Combiner for a Shared Antenna? | No       |
|                                    | Type   |          |
|                                    | Number of channels supported                 | N/A      |
|                                    | Frequencies of channels supported            | N/A      |
|                                    | Frequency                                    |          |

**Primary  
Antenna**

**Other Antenna Cost Not Listed**

| Name                               | Description  |
|------------------------------------|--|
| <b>Transportation of personnel</b> | Trail to site is impassable by on road vehicles. Travel to site will be by helicopter unless safe and suitable conditions exist for use of ATV, UTV or stationed owned snowcat. Must be mutually agreed upon with the contractor at that time. |





**Auxiliary  
Antenna****Existing Antenna Information**

| Section   | Question   | Response              |
|---|--|-----------------------|
| <b>Existing Antenna<br/>Description</b>           | Type of change   | Purchase<br>New       |
|   | Antenna Use  | Auxiliary<br>(Backup) |
|   | Description of Use   | Backup<br>antenna     |
|   | 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?  | Yes                   |
| <b>Existing Antenna<br/>Manufacturer and Type</b> | Class  | Full Power            |
|   | Mounting   | Side Mount            |
|   | Antenna position in stack  | Not in Stack          |
|   | Polarization   | Horizontal            |
|   | Type   | Slotted<br>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)                                  | 15.53 kW              |

|              |                   |
|--------------|-------------------|
| Manufacturer |                   |
| Model        | ALP8L5-<br>HSW-38 |
| Year         | 2007              |

**Auxiliary  
Antenna**

**New Antenna Costs**

| Section                               | Question   | Response              |
|---------------------------------------|--|-----------------------|
| New Antenna Description               | Use  | Auxiliary<br>(Backup) |
|                                       | Description of Use   | Auxiliary<br>backup   |
|                                       | Change Type  | Purchase<br>New       |
|                                       | Is this a request for upgraded equipment?                            | No                    |
|                                       | Ownership  | Owned                 |
|                                       | Owner  | N/A                   |
|                                       | Is antenna shared?   | No                    |
|                                       | Is antenna directional?  | Yes                   |
|                                       | Will antenna be located on or in close proximity to an antenna farm? | No                    |
| New Antenna<br>Manufacturer and Types | Class  | Full Power            |
|                                       | Mounting   | Side Mount            |
|                                       | Antenna position in stack  | Not in Stack          |
|                                       | Polarization   | Horizontal            |
|                                       | Type   | Slotted<br>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)<br>.....                             | 27.14 kW              |
|                                       | Manufacturer   |                       |
|                                       |  |                       |

|                               |  |
|-------------------------------|--|
| Model                         | ALP8L5   |
| Year                          | 2019   |
| Justification for New Antenna | Provide backup antenna during maintenance and/or failure of main antenna and /or transmission line. ERP is estimated and to be determined. Antenna to be installed after transition of main antenna to repack channel. |

## Auxiliary Antenna

### Other Antenna Costs

| Section                            | Question  | Response |
|------------------------------------|---|----------|
| <b>Combiner for Shared Antenna</b> | 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      |
| <b>Elbow Complex</b>               | Do you require the separate purchase of the Elbow Complex?            | No       |
|                                    | Broadband or Single Channel?  | N/A      |

|                                 |   |     |
|---------------------------------|---|-----|
|                                 | Feed Line Size  | N/A |
| <b>Side Mount Brackets</b>      | Do you require the separate purchase of side mount brackets for a high power antenna?                       | No  |
| <b>Pattern Scatter Analysis</b> | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | No  |
| <b>Sweep Test</b>               | Do you require the sweep testing of transmission line and antenna?  | No  |

## Auxiliary Antenna

### Other Antenna Cost Not Listed

| Name                                      | Description  |
|---|--|
| <b>Transportation of personnel</b>        | Trail to site is impassable by on road vehicles. Travel to site will be by helicopter unless safe and suitable conditions exist for use of ATV, UTV or stationed owned snowcat. Must be mutually agreed upon with the contractor at that time. |
| <b>Antenna Installation</b>               | Separate costs for antenna installation  |
| <b>Helicopter Lift of antenna to site</b> | Trail to site is impassable by on road vehicles. Delivery to be made by Helicopter only.   |

**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   | Utilize Existing |
|  | 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   | ERI              |
|  | Type   | Rigid            |
|  | Diameter   | 4 1/16 inches    |
|  | Other Diameter   | N/A              |
|  | Segment Length   | Broadband        |
|  | Other Segment Length   | N/A              |
|  | Number of parallel runs  | 0                |
|  | Length   | 0 feet per run   |

Primary  
Transmission Line

Other Transmission Line Expenses Not Listed

| Name                                       | Description  |
|--|--|
| Transportation of tower crew and equipment | Trail to site is impassable by on road vehicles. Travel to site will be by helicopter unless safe and suitable conditions exist for use of ATV, UTV or stationed owned snowcat. Must be mutually agreed upon with the contractor at that time. |



**Tower  
Equipment  
And  
Rigging  
Costs**

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

**Primary  
Tower**

**Existing Tower**

| Section   | Question  | Response            |
|---|---|---------------------|
| Existing Tower Description                          | Type of change  | Move Equipment      |
|   | Tower Use   | Primary (Main)      |
|   | Description of Use                                      | N/A                 |
|   | Ownership   | Owned               |
|   | Is this tower consider Complex?                         | Terrain Constrained |
|   | Is this tower currently shared with any other stations? | No                  |
|   | One or more FM, AM or TV radio broadcaster(s)           | N/A                 |
|   | Others Types of Users                                   | N/A                 |
|   | Is tower documented for structural analysis?            | Yes                 |
|   | Is tower compliant with Rev G?                          | Yes                 |
| Existing Tower Structure Registration               | Do you have a tower registration number?                | Yes                 |
|   | ASR Number  | 1003308             |
| Coordinates ( NAD83 (North American Datum of 1983)) | Latitude (NAD83)  | 44° 41' 43.0" N-    |
|   | Longitude (NAD83)                                       | 073° 52' 59.0" W-   |
|   | Overall Structure Height                                | 445.86 feet         |
|   | Support Structure Height                                | 399.93 feet         |
|   | Ground Elevation Above Mean Sea Level (AMSL)            | 3649.89 feet        |
|   |   |                     |

|                  |   |
|------------------|---|
| Structure Type   | GTOWER - Guyed<br>Structure Used for<br>Communication<br>Purposes |
| Tower Owner      | Mountain Lake<br>Public<br>Telecommunications<br>Council          |
| Date Constructed | 09/01/1976  |

**Primary  
Tower**

**Tower Rigging Costs**

| Section                                 | Question                          | Response               |
|---|-----------------------------------|------------------------|
| <b>Tower Rigging Costs</b>              | Complex Tower                     | Terrain<br>constrained |
| <b>Helicopter Services<br/>Required</b> | Are helicopter services required? | Yes                    |

**Primary  
Tower**

**Other Tower Expenses Not Listed**

| Name                                  | Description   |
|---------------------------------------|---|
| <b>Remove and replace Aux antenna</b> | Remove and replace auxiliary side mount<br>antenna, cable and hardware. |

**Outside  
Professional Services Costs**

| Section   | Question   | Response   |
|---|--|--|
| <b>Outside Project Management Services</b>            | Do you require outside project management services?                          | Yes  |
|   | Number of Hours  | 200  |
|   | Explanation  | The station operates with minimal staff and does not have the personnel available for this task. |
| <b>Outside RF consulting Engineering Services</b>     | Perform engineering study for new channel assignment and antenna development | Yes  |
|   | Prepare engineering section of Form FCC Construction Permit Application      | Yes  |
|   | For Auxiliary Facility   | Yes  |
|   | For Main Facility  | Yes  |
|   | Prepare engineering section of Form FCC License to Cover Application         | Yes  |
|   | For Auxiliary Facility   | Yes  |
|   | For Main Facility  | Yes  |
|   | Prepare request for Special Temporary Authority                              | No   |
|   | Quantity   | N/A  |
|   | Do you have Distributed Transmission System engineering services?            | N/A  |
|   | Critical Facility  | N/A  |
|   | Terrain-Shielded Facility  | N/A  |
| <b>Attorney and Other Outside Consulting Services</b> | Prepare and file Form FCC Construction Permit Application                    | Yes  |
|   | For Auxiliary Facility   | Yes  |
|   |  |  |

|                                      |  |     |
|--------------------------------------|--|-----|
|                                      | For Main Facility  | Yes |
|                                      | Prepare and file Form FCC License to Cover Application                                     | Yes |
|                                      | For Auxiliary Facility   | Yes |
|                                      | For Main Facility  | Yes |
|                                      | Prepare request for Special Temporary Authority  | No  |
|                                      | Quantity   | N/A |
|                                      | NEPA Section 106 environmental review  | No  |
|                                      | Environmental Assessment   | No  |
|                                      | ASR Modification   | No  |
|                                      | FAA Consultation (including preparation of FAA Form 7460)                                  | No  |
|                                      | Negotiation of Lease and other Matter for Shared Locations                                 | No  |
|                                      | Prepare or Review FCC Form 399 for Reimbursement   | Yes |
|                                      | Address transition timing and coordination issues w/ other stations and wireless providers | Yes |
| <b>RF Field Engineering Services</b> | Comprehensive coverage verification via field study  | Yes |
|                                      | RF exposure measurements   | No  |
|                                      | Additional Field Engineering Service   | No  |
|                                      | Number of Days   | N/A |
|                                      | Justification  | N/A |

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

If wireless is not provided.

## Other Expenses

| Section                             | Question   | Response |
|-------------------------------------|--|----------|
| <b>AM Pattern Disturbance</b>       | Is an Impact Study needed?   | No       |
|                                     | Is Remediation needed?   | No       |
| <b>Facility Expenses</b>            | 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      |
| <b>Permit and Filing Costs</b>      | 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       |
| <b>Other Miscellaneous Expenses</b> | Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?        | Yes      |
|                                     | Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs? | Yes      |
|                                     | Does this relocation require Equipment Storage?  | Yes      |
|                                     | Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?     | Yes      |
|                                     | Does this relocation require MVPD Notification of a Channel Change?  | Yes      |

**Other  
Expenses**

**Other Expenses Not Listed**

| Name        | Description   |
|-------------|---|
| Site Survey | Quotation from from Hitachi - Comark<br>P2623R3 WCFE Site Design Proposal<br>Option 2 |

## 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 |
|---|-----------------------------|---------------------|--|---------------------|---------------------------|
| <b>Primary Transmitter Parallax</b>   | <b>\$386,650.00</b>         | <b>\$372,150.00</b> |  | <b>\$238,232.45</b> |                           |
| Helicopter lift of transmitter, transmitter heat exchanger, HVAC, and materials | <i>\$27,900.00</i>          | \$27,900.00         | Trail to site is impassable by on road vehicles. Delivery to be made by Helicopter. Contract of additional laborers to facilitate handling and movement of equipment.  | N/A                 | N/A                       |
| Transportation of personnel   | <i>\$25,000.00</i>          | \$25,000.00         | Trail to site is impassable by on road vehicles. Travel to site will be by helicopter unless safe and suitable conditions exist for use of ATV, UTV or stationed owned snowcat. Must be mutually agreed upon with the contractor at that time. | N/A                 | N/A                       |

|   |                    |              |   |              |     |
|---|--------------------|--------------|---|--------------|-----|
| Other --<br>Building<br>Addition Size:<br>80.0  | <b>\$15,000.00</b> | \$15,000.00  | Present<br>building<br>exterior<br>addition will<br>require<br>extensive<br>modification<br>to support<br>additional<br>water cooled<br>transmitter<br>heat<br>exchanger.<br>Cost of labor,<br>materials and<br>transportation. | N/A          | N/A |
| Other<br>Electrical<br>Service:<br>Purchase and<br>contracted<br>installation of<br>480V Delta to<br>208 Wye<br>power<br>conditioning<br>/transient<br>/lightning<br>/surge<br>protection and<br>associated<br>panel<br>breakers,<br>hardware,<br>wiring, misc. | <b>\$25,000.00</b> | \$25,000.00  | Present plant<br>internal<br>conditioned<br>electrical<br>infrastructure<br>does not<br>have the<br>capacity for<br>additional<br>load.   | N/A          | N/A |
| UHF - Liquid<br>Cooled Solid<br>State<br>Transmitter<br>4.9 . 6.5 kW  | \$273,500.00       | \$260,000.00 | N/A   | \$238,232.45 | N/A |
| 5 Ton system  | \$20,250.00        | \$19,250.00  | N/A   | N/A          | N/A |
| <b>Sub-total</b>  | \$386,650.00       | \$372,150.00 | N/A   | \$238,232.45 | N/A |
| <b>Total for all<br/>systems</b>  | \$1,130,905.00     | \$677,100.00 | N/A   | \$259,274.45 | N/A |



## Components

| Actual Information   |  |
|--|--|
| Description  | File Name  |
| Helicopter lift of transmitter, transmitter heat exchanger, HVAC, and materials  | Information not provided.  |
| Transportation of personnel  | Information not provided.  |
| Other -- Building Addition<br>Size: 80.0   | Information not provided.  |
| Other Electrical Service:<br>Purchase and contracted installation of 480V Delta to 208 Wye power conditioning /transient/lightning/surge protection and associated panel breakers, hardware, wiring, misc. | Information not provided.  |
| UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW   | <div> <b>Component Description:</b> Second invoice 45%<br/> <b>Amount:</b> \$112,846.95 </div> <div> <b>Component Description:</b> Deposit of 50%<br/> Due invoice 1<br/> <b>Amount:</b> \$125,385.50 </div> |
| 5 Ton system   | 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 ETU-P3L5-38/57 | \$14,230.00                 | \$13,900.00    |  | \$0.00      |                           |
| Transportation of personnel    | <i>\$7,500.00</i>           | \$7,500.00     | Trail to site is impassable by on road vehicles. Travel to site will be by helicopter unless safe and suitable conditions exist for use of ATV, UTV or stationed owned snowcat. Must be mutually agreed upon with the contractor at that time. | N/A         | N/A                       |
| Sweep test of existing antenna | \$6,730.00                  | \$6,400.00     | N/A  | N/A         | N/A                       |
| Auxiliary Antenna ALP8L5       | \$62,500.00                 | \$62,500.00    |  | \$0.00      |                           |
| Antenna Installation           | <i>\$10,000.00</i>          | \$10,000.00    | Separate cost for antenna installation crew  | N/A         | N/A                       |
| Transportation of personnel    | <i>\$7,500.00</i>           | \$7,500.00     | Trail to site is impassable by on road vehicles. Travel to site will be by helicopter unless safe and suitable conditions exist for use of ATV, UTV or stationed owned snowcat. Must be mutually agreed upon with the contractor at that time. | N/A         | N/A                       |

|   |                    |              |  |              |     |
|---|--------------------|--------------|--|--------------|-----|
| UHF - High Power, Side Mount, basic slot antenna, 27 kW input, directional,, horizontally polarized | <b>\$30,000.00</b> | \$30,000.00  | WCFEs tower collapsed in 2008 and we purchased the original channel 38 aux antenna in 2007 for approximately\$22000. This replacement antenna is the same model. | N/A          | N/A |
| Helicopter Lift of antenna to site  | <b>\$15,000.00</b> | \$15,000.00  | Trail to site is impassable by on road vehicles. Delivery to site will be by helicopter.   | N/A          | N/A |
| <b>Sub-total</b>  | \$76,730.00        | \$76,400.00  | N/A  | \$0.00       | N/A |
| <b>Total for all systems</b>  | \$1,130,905.00     | \$677,100.00 | N/A  | \$259,274.45 | 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<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification   | Actual Cost  | Actual Cost<br>Justification |
|--|--------------------------------|-------------------|--|--------------|------------------------------|
| Primary<br>Transmission<br>Line                  | \$5,000.00                     | \$5,000.00        |  | \$0.00       |                              |
| Transportation<br>of tower crew<br>and equipment | <i>\$5,000.00</i>              | \$5,000.00        | Trail to site<br>is<br>impassable<br>by on road<br>vehicles.<br>Travel to<br>site will be<br>by<br>helicopter<br>unless safe<br>and<br>suitable<br>conditions<br>exist for<br>use of<br>ATV, UTV<br>or<br>stationed<br>owned<br>snowcat.<br>Must be<br>mutually<br>agreed<br>upon with<br>the<br>contractor<br>at that time. | N/A          | N/A                          |
| Sub-total  | \$5,000.00                     | \$5,000.00        | N/A  | \$0.00       | N/A                          |
| Total for all<br>systems                         | \$1,130,905.00                 | \$677,100.00      | N/A  | \$259,274.45 | 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<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification  | Actual Cost | Actual Cost<br>Justification |
|---|--------------------------------|-------------------|---|-------------|------------------------------|
| Primary<br>Tower<br>GTOWER  | \$451,000.00                   | \$30,000.00       |   | \$0.00      |                              |
| Complex<br>Tower<br>(includes,<br>for example,<br>those with<br>candelabras<br>and/or<br>stacked<br>antennas) | \$421,000.00                   | \$0.00            | N/A   | N/A         | N/A                          |
| Remove and<br>replace Aux<br>antenna  | <i>\$20,000.00</i>             | \$20,000.00       | Remove<br>and<br>replace<br>auxiliary<br>antenna,<br>cable and<br>hardware. | N/A         | N/A                          |

|                                  |                    |              |  |              |     |
|----------------------------------|--------------------|--------------|--|--------------|-----|
| Tower<br>Helicopter<br>Lift      | <b>\$10,000.00</b> | \$10,000.00  | Trail to site<br>is<br>impassable<br>by on road<br>vehicles.<br>Travel to<br>site will be<br>by<br>helicopter<br>unless safe<br>and<br>suitable<br>conditions<br>exist for<br>use of<br>ATV, UTV<br>or<br>stationed<br>owned<br>snowcat.<br>Must be<br>mutually<br>agreed<br>upon with<br>the<br>contractor<br>at that time. | N/A          | N/A |
| <b>Sub-total</b>                 | \$451,000.00       | \$30,000.00  | N/A  | \$0.00       | N/A |
| <b>Total for all<br/>systems</b> | \$1,130,905.00     | \$677,100.00 | N/A  | \$259,274.45 | N/A |

## Components

Information not provided.

## Cost Information

### Outside Professional Services

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

| Description  | Predetermined Cost Estimate | Estimated Cost      | Estimated Cost Justification | Actual Cost   | Actual Cost Justification |
|--|-----------------------------|---------------------|------------------------------|---------------|---------------------------|
| <b>Outside Professional Services</b>   | <b>\$148,675.00</b>         | <b>\$136,250.00</b> |                              | <b>\$0.00</b> |                           |
| Comprehensive coverage verification via field study, if needed                                     | \$84,200.00                 | \$80,000.00         | N/A                          | N/A           | N/A                       |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application                | \$2,365.00                  | \$2,250.00          | N/A                          | N/A           | N/A                       |
| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application | \$4,210.00                  | \$4,000.00          | N/A                          | N/A           | N/A                       |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application             | \$5,260.00                  | \$5,000.00          | N/A                          | N/A           | N/A                       |

|   |            |            |     |     |     |
|---|------------|------------|-----|-----|-----|
| RF Consulting Engineer Fees-<br>Aux Antenna:<br>Prepare engineering section of FCC Form 2100, License to Cover Application    | \$1,580.00 | \$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 |
| RF Consulting Engineer Fees-<br>Aux Antenna:<br>Prepare engineering section of FCC Form 2100, Construction Permit Application | \$2,105.00 | \$2,000.00 | N/A | N/A | N/A |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application  | \$3,155.00 | \$3,000.00 | N/A | 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 |



|  |                |              |     |              |     |
|--|----------------|--------------|-----|--------------|-----|
| Address transition timing and coordination issues w/ other stations and wireless | \$2,630.00     | \$2,500.00   | N/A | N/A          | N/A |
| Prepare and or review reimbursement form   | \$2,630.00     | \$2,500.00   | N/A | N/A          | N/A |
| Project management of the transition   | \$31,600.00    | \$25,000.00  | N/A | N/A          | N/A |
| <b>Sub-total</b>   | \$148,675.00   | \$136,250.00 | N/A | \$0.00       | N/A |
| <b>Total for all systems</b>   | \$1,130,905.00 | \$677,100.00 | N/A | \$259,274.45 | 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 |
|--|-----------------------------|--------------------|--|--------------------|---------------------------|
| <b>Other Expenses</b>  | <b>\$62,850.00</b>          | <b>\$57,300.00</b> |  | <b>\$21,042.00</b> |                           |
| Site Survey  | <i>\$15,300.00</i>          | \$15,300.00        | N/A  | \$15,300.00        | N/A                       |
| MVPD Notification of Channel Change                                      | <i>\$6,000.00</i>           | \$6,000.00         | Station Notifications to MVPDs will be accomplished using the resources of legal council and consultants.        | \$2,250.00         | N/A                       |
| Develop and air announcement of upcoming channel change                  | <i>\$0.00</i>               | \$0.00             | Will be accomplished in house.   | N/A                | N/A                       |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <i>\$15,000.00</i>          | \$15,000.00        | New transmitter equipment to be installed in space occupied by existing analog transmitter that must be removed. | N/A                | N/A                       |

|   |                   |              |   |              |     |
|---|-------------------|--------------|---|--------------|-----|
| Equipment Delivery and Handling Charges | <b>\$7,500.00</b> | \$7,500.00   | Delivery of equipment from storage location to transmitter site staging area.   | N/A          | N/A |
| Equipment Storage                       | <b>\$7,500.00</b> | \$7,500.00   | Station does not have adequate interim secure storage facilities for transmitter, auxiliary antenna, and miscellaneous supporting equipment. Shipment from manufacturer will be delayed to coincide with scheduled delivery | N/A          | N/A |
| DTV Medical Facility Notification       | \$11,550.00       | \$6,000.00   | N/A   | \$3,492.00   | N/A |
| <b>Sub-total</b>                        | \$62,850.00       | \$57,300.00  | N/A   | \$21,042.00  | N/A |
| <b>Total for all systems</b>            | \$1,130,905.00    | \$677,100.00 | N/A   | \$259,274.45 | N/A |

## Components

| Actual Information |  |
|--------------------|--|
| Description        | File Name  |
| Site Survey        | <p><b>Component Description:</b> Invoice for System Design Site Survey</p> <p><b>Amount:</b> \$15,300.00</p> |

|  |  |
|--|--|
| MVPD Notification of Channel Change                                      | <div> <b>Component Description:</b> MVPD notifications</div> <div> <b>Amount:</b> \$2,250.00</div>         |
| Develop and air announcement of upcoming channel change                  | Information not provided.  |
| Disposal Costs (for equipment and other waste, net of any salvage value) | Information not provided.  |
| Equipment Delivery and Handling Charges                                  | Information not provided.  |
| Equipment Storage  | Information not provided.  |
| DTV Medical Facility Notification  | <div> <b>Component Description:</b> WCFE Medical notifications</div> <div> <b>Amount:</b> \$3,492.00</div> |

| Cost Information      | Grand Total                 |                |              |
|-----------------------|-----------------------------|----------------|--------------|
|                       | Predetermined Cost Estimate | Estimated Cost | Actual Cost  |
| Total for all systems | \$1,130,905.00              | \$677,100.00   | \$259,274.45 |

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

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

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

|   |  |
|---|--|
| <p>8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.</p> |  |
| <p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>   | <p><b>William Rogers</b><br/> <i>Director of Engineering</i></p> <p>12/12/2019</p> |

## Attachments