



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **14040** | Service: **DTV** | Call **KRMA-TV** | Channel: **33 (UHF)** |  
ID:  
File **0000027982**  
Number:  
FRN: **0001615582** | Date **09/12**  
Submitted: **/2018**

## Applicant Information

### Applicant Name, Type, and Contact Information

| Applicant                                                                                                  | Address                                                                        | Phone                       | Email                  | Applicant Type     |
|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-----------------------------|------------------------|--------------------|
| <b>ROCKY MOUNTAIN<br/>PUBLIC MEDIA, INC.</b><br>Doing Business As: ROCKY<br>MOUNTAIN PUBLIC MEDIA,<br>INC. | DANNA LUO<br>1089<br>BANNOCK<br>STREET<br>DENVER,<br>CO 80204<br>United States | +1<br>(303)<br>892-<br>6666 | dannaluo@rmpbs.<br>org | Not-for-<br>Profit |

## Reimbursement Contact Information

### Reimbursement Contact Name and Information

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

## Preparer Contact Information

### Preparer Contact Name and Information

| Applicant                                                        | Address                                                       | Phone                 | Email                  |
|------------------------------------------------------------------|---------------------------------------------------------------|-----------------------|------------------------|
| <b>James Schoedler</b><br><i>JB Schoedler Associates<br/>LLC</i> | 1069 S Downing<br>Street<br>Denver, CO 80209<br>United States | +1 (303) 725-<br>9043 | jschoedler@usa.<br>net |

**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                                                                                                                                                                                                                                                                                                                             | To transition from CH 18 to CH 33 KRMA must replace its antenna, transmission line, and main transmitter. The backup transmitter will be retuned. Installation will take place in 2018 so that testing can begin on 12/1/18 or soon thereafter. |

**Transmitters**

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

**Auxiliary  
Transmitter****Add Transmitter Information**

| Section                                               | Question                                                   | Response              |
|-------------------------------------------------------|------------------------------------------------------------|-----------------------|
| <b>Existing Transmitter<br/>Description</b>           | Type of change                                             | Purchase<br>New       |
|                                                       | Use                                                        | Auxiliary<br>(Backup) |
|                                                       | Description of Use                                         | Low Power<br>Backup   |
|                                                       | 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                                                      | Innovator<br>LX       |
|                                                       | Year                                                       | 2009                  |
|                                                       | Type                                                       | Solid State           |
|                                                       | Solid State Cooling                                        | Air Cooled            |
|                                                       | Solid State Power Capacity                                 | 3 kW                  |

**Auxiliary  
Transmitter**

**New Transmitter Costs**

| Section         | Question                                  | Response                                                                                                                                                                                                                                                                                                                                    |
|-----------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| New Transmitter | Use                                       | Auxiliary<br>(Backup)                                                                                                                                                                                                                                                                                                                       |
|                 | Change Type                               | Purchase<br>New                                                                                                                                                                                                                                                                                                                             |
|                 | Is this a request for upgraded equipment? | No                                                                                                                                                                                                                                                                                                                                          |
|                 | Manufacturer                              |                                                                                                                                                                                                                                                                                                                                             |
|                 | Model                                     | UAXTE-<br>6R44                                                                                                                                                                                                                                                                                                                              |
|                 | Transmitter Type                          | Solid State                                                                                                                                                                                                                                                                                                                                 |
|                 | Solid State Cooling                       | Air Cooled                                                                                                                                                                                                                                                                                                                                  |
|                 | Solid State Power capacity                | 3.6 kW                                                                                                                                                                                                                                                                                                                                      |
|                 | Justification for New Transmitter         | KRMA<br>originally<br>requested<br>funds to<br>retune the<br>existing<br>Axcera<br>transmitter,<br>but after<br>submitting<br>sample rf<br>modules to<br>UBS<br>/Axcera for<br>re-tuning,<br>the<br>company<br>has<br>advised<br>that due to<br>the age and<br>design of<br>the<br>modules<br>the re-<br>tuning will<br>not be<br>possible. |

**Auxiliary  
Transmitter**

**Other Transmitter Costs**

| Section                                                                    | Question                                                                                      | Response |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------|
| <b>Electrical Service</b>                                                  | 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                                                                      | No       |
|                                                                            | Description                                                                                   | N/A      |
| <b>HVAC Service</b>                                                        | Does the replacement transmitter require HVAC Service?                                        | No       |
|                                                                            | Type                                                                                          | N/A      |
|                                                                            | Size                                                                                          | N/A      |
|                                                                            | Other Size                                                                                    | N/A      |
| <b>Transmitter Building Addition/Modification or Leasehold Improvement</b> | Does the Transmitter Building require an addition, modification, other leasehold improvement? | No       |
|                                                                            | Size                                                                                          | N/A      |
| <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      |

**Auxiliary  
Transmitter**

**Other Transmitter Cost Not Listed**

Information not provided.

**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                                                      | Power CD                 |
|                                                       | Year                                                       | 2009                     |
|                                                       | Type                                                       | Inductive<br>Output Tube |
|                                                       | IOT Power Type                                             | Single                   |
|                                                       | Power Capacity                                             | 30 kW                    |

**Primary  
Transmitter**

**New Transmitter Costs**

| Section         | Question                                  | Response                                   |
|-----------------|-------------------------------------------|--------------------------------------------|
| New Transmitter | Use                                       | Primary (Main)                             |
|                 | Change Type                               | Purchase New                               |
|                 | Is this a request for upgraded equipment? | No                                         |
|                 | Manufacturer                              |                                            |
|                 | Model                                     | ULXTE-50                                   |
|                 | Transmitter Type                          | Solid State                                |
|                 | Solid State Cooling                       | Liquid Cooled                              |
|                 | Solid State Power capacity                | 31.7 kW                                    |
|                 | Justification for New Transmitter         | Refer to attached Transition Plan exhibit. |

**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                                 | 150 kVA                    |
|                    | Rigid Conduit and Wiring              | Yes                        |
|                    | Size                                  | 1 inches                   |
|                    | Length                                | 1.0 feet                   |
|                    | Other Electrical Service              | Yes                        |
|                    | Description                           | Disconnection of existing. |

|                                                                            |                                                                                               |     |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----|
| <b>HVAC Service</b>                                                        | Does the replacement transmitter require HVAC Service?                                        | No  |
|                                                                            | Type                                                                                          | N/A |
|                                                                            | Size                                                                                          | N/A |
|                                                                            | Other Size                                                                                    | N/A |
| <b>Transmitter Building Addition/Modification or Leasehold Improvement</b> | Does the Transmitter Building require an addition, modification, other leasehold improvement? | No  |
|                                                                            | Size                                                                                          | N/A |
| <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                                            |
|-------------|--------------------------------------------------------|
| Site Survey | Engineering visit to specify transmitter installation. |

**Antennas**

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

**Primary  
Antenna**

**Existing Antenna Information**

| Section                                           | Question                                                         | Response           |
|---------------------------------------------------|------------------------------------------------------------------|--------------------|
| <b>Existing Antenna<br/>Description</b>           | Type of change                                                   | Purchase<br>New    |
|                                                   | 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?  | Yes                |
| <b>Existing Antenna<br/>Manufacturer and Type</b> | Class                                                            | Full Power         |
|                                                   | Mounting                                                         | Side Mount         |
|                                                   | Antenna position in stack                                        | Not in Stack       |
|                                                   | Polarization                                                     | Elliptical         |
|                                                   | 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)<br>.....                         | 1000.0 kW          |
|                                                   |                                                                  |                    |

|              |                         |
|--------------|-------------------------|
| Manufacturer |                         |
| Model        | TFU-32DSC<br>/VP-R C190 |
| Year         | 2009                    |

Primary  
Antenna

New Antenna Costs

| Section                            | Question                                                             | Response        |
|------------------------------------|----------------------------------------------------------------------|-----------------|
| New Antenna Description            | Use                                                                  | Primary (Main)  |
|                                    | Description of Use                                                   | N/A             |
|                                    | Change Type                                                          | Purchase New    |
|                                    | Is this a request for upgraded equipment?                            | No              |
|                                    | Ownership                                                            | Owned           |
|                                    | Owner                                                                | N/A             |
|                                    | Is antenna shared?                                                   | No              |
|                                    | Is antenna directional?                                              | Yes             |
|                                    | Will antenna be located on or in close proximity to an antenna farm? | Yes             |
| 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)<br>.....                             | 1000.0 kW       |
|                                    | Manufacturer                                                         |                 |
|                                    |                                                                      |                 |

|  |                               |                                             |
|--|-------------------------------|---------------------------------------------|
|  | Model                         | TFU-38DSC<br>/VP-R C190                     |
|  | Year                          | 2018                                        |
|  | Justification for New Antenna | Existing antenna does not cover new channel |

## 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                                                                                                   | 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?                                                  | Yes                    |
|                                    | Broadband or Single Channel?                                                                                | Single Channel         |
|                                    | Feed Line Size                                                                                              | 6 1/8 inches<br>inches |
| <b>Side Mount Brackets</b>         | Do you require the separate purchase of side mount brackets for a high power antenna?                       | Yes                    |
| <b>Pattern Scatter Analysis</b>    | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | Yes                    |
| <b>Sweep Test</b>                  | Do you require the sweep testing of transmission line and antenna?                                          | No                     |

**Primary  
Antenna**

**Other Antenna Cost Not Listed**

| Name                   |  | Description                                            |
|------------------------|--|--------------------------------------------------------|
| Freight                |  | Shipping from manufacturer to offload point in Denver. |
| Transportation to site |  | Transportation to site on 4-wheel drive road.          |
| Installation           |  | Removal of old antenna and installation of new.        |

**Transmission Line**

| Section                               | Question                                        | Response |
|---------------------------------------|-------------------------------------------------|----------|
| Transmission Line<br>Related Expenses | Do you have transmission line related expenses? | Yes      |

**Primary**  
**Transmission Line**

**Existing Transmission Line**

| Section                                                 | Question                                                                   | Response         |
|---------------------------------------------------------|----------------------------------------------------------------------------|------------------|
| <b>Existing Transmission Line Description</b>           | 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              |
| <b>Existing Transmission Line Manufacturer and Type</b> | Manufacturer                                                               |                  |
|                                                         | Type                                                                       | Rigid            |
|                                                         | Diameter                                                                   | 8 3/16 inches    |
|                                                         | Other Diameter                                                             | N/A              |
|                                                         | Segment Length                                                             | 20 inches        |
|                                                         | Other Segment Length                                                       | N/A              |
|                                                         | Number of parallel runs                                                    | 1                |
|                                                         | Length                                                                     | 379 feet per run |

Primary  
Transmission Line

New Transmission Line

| Section                     | Question                                  | Response                                                   |
|-----------------------------|-------------------------------------------|------------------------------------------------------------|
| New Transmission Line Costs | Use                                       | Primary (Main)                                             |
|                             | Description of Use                        | N/A                                                        |
|                             | Change Type                               | Purchase New                                               |
|                             | Is this a request for upgraded equipment? | No                                                         |
|                             | Type                                      | Rigid                                                      |
|                             | Diameter                                  | 6 1/8 inches                                               |
|                             | Other Diameter                            | N/A                                                        |
|                             | Segment Length                            | 19 3/4 inches                                              |
|                             | Other Segment Length                      | N/A                                                        |
|                             | Number of parallel runs                   | 1                                                          |
|                             | Length                                    | 379 feet per run                                           |
|                             | Justification for New Transmission Line   | Existing transmission line is not suitable for new channel |

Primary  
Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

**Tower Equipment And Rigging Costs**

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

**Primary Tower**

**Existing Tower**

| Section                                             | Question                                                | Response          |
|-----------------------------------------------------|---------------------------------------------------------|-------------------|
| Existing Tower Description                          | Type of change                                          | Modify Existing   |
|                                                     | Tower Use                                               | Primary (Main)    |
|                                                     | Description of Use                                      | N/A               |
|                                                     | Ownership                                               | Leased            |
|                                                     | 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                                   | Yes               |
|                                                     | 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                                              | 1023484           |
| Coordinates (NAD83 ( North American Datum of 1983)) | Latitude (NAD83)                                        | 39° 40' 17.4" N-  |
|                                                     | Longitude (NAD83)                                       | 105° 13' 08.0" W- |
|                                                     | Overall Structure Height                                | 273.95 feet       |
|                                                     | Support Structure Height                                | 271.98 feet       |
|                                                     | Ground Elevation Above Mean Sea Level (AMSL)            | 7685.60 feet      |

|  |                  |                                          |
|--|------------------|------------------------------------------|
|  | Structure Type   | TOWER - Free Standing or Guyed Structure |
|  | Tower Owner      | Bear Creek Development Corporation       |
|  | Date Constructed | 11/08/1988                               |

**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 |
|-------------|-----------|---------|
| 57219       | KCEC      | DTV     |
| 83535       | KVOD      | FM      |

**Other Types of Users**

| Users       |
|-------------|
| 2-way radio |
| Cellular    |

**Primary  
Tower**

**Tower Modification Costs**

| Section              | Question                                                   | Response                          |
|----------------------|------------------------------------------------------------|-----------------------------------|
| Engineering Study    | Please what type of engineering study is required, if any: | Study needed for documented tower |
| Tower Reinforcements | Please select whether tower reinforcements are needed:     | No reinforcements needed          |

**Primary  
Tower**

**Tower Rigging Costs**

| Section                         | Question                          | Response |
|---------------------------------|-----------------------------------|----------|
| Tower Rigging Costs             | Complex Tower                     | N/A      |
| Helicopter Services<br>Required | Are helicopter services required? | No       |

**Primary  
Tower**

**Other Tower Expenses Not Listed**

Information not provided.

**Outside  
Professional**

| Section                                                           | Question                                                                     | Response                                                            |
|-------------------------------------------------------------------|------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>Services Costs<br/>Outside Project<br/>Management Services</b> | Do you require outside project management services?                          | Yes                                                                 |
|                                                                   | Number of Hours                                                              | 500                                                                 |
|                                                                   | Explanation                                                                  | Overall project management and coordination of procurement process. |
| <b>Outside RF consulting<br/>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                                                       | 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                                                                 |
| <b>Attorney and Other<br/>Outside Consulting<br/>Services</b>     | Prepare and file Form FCC Construction Permit Application                    | Yes                                                                 |
|                                                                   | For Auxiliary Facility                                                       | No                                                                  |
|                                                                   | For Main Facility                                                            | Yes                                                                 |
|                                                                   |                                                                              |                                                                     |

|                                      |                                                                                            |     |
|--------------------------------------|--------------------------------------------------------------------------------------------|-----|
|                                      | Prepare and file Form FCC License to Cover Application                                     | Yes |
|                                      | For Auxiliary Facility                                                                     | No  |
|                                      | For Main Facility                                                                          | Yes |
|                                      | Prepare request for Special Temporary Authority                                            | Yes |
|                                      | Quantity                                                                                   | 1   |
|                                      | NEPA Section 106 environmental review                                                      | No  |
|                                      | Environmental Assessment                                                                   | No  |
|                                      | ASR Modification                                                                           | No  |
|                                      | FAA Consultation (including preparation of FAA Form 7460)                                  | No  |
|                                      | Negotiation of Lease and other Matter for Shared Locations                                 | Yes |
|                                      | Prepare or Review FCC Form 399 for Reimbursement                                           | Yes |
|                                      | Address transition timing and coordination issues w/ other stations and wireless providers | No  |
| <b>RF Field Engineering Services</b> | Comprehensive coverage verification via field study                                        | No  |
|                                      | RF exposure measurements                                                                   | Yes |
|                                      | Additional Field Engineering Service                                                       | No  |
|                                      | Number of Days                                                                             | N/A |
|                                      | Justification                                                                              | N/A |

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

Is this service 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                                                                                                         | Yes      |
|                                     | 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?                                                                      | 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                                                                                                                                                                        |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Replacement Coaxial Switching System</b> | Dielectric has advised that re-use of the existing waveguide switching system is not practical. A replacement coaxial system is required instead.                                  |
| <b>Temporary Antenna Installation</b>       | A temporary antenna installation on the tower ice bridge is required during installation of the new antenna.                                                                       |
| <b>Electrical Design Engineering</b>        | Electrical requirements of new main and auxiliary transmitters require extensive electrical rework. Contractor requested drawings and panel schedules from an electrical designer. |

## 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 ULXTE-50</b>                  | <b>\$903,135.16</b>         | <b>\$901,885.16</b> |                                                                                                        | <b>\$645,563.87</b> |                           |
| Site Survey                                          | <i>\$6,500.00</i>           | \$6,500.00          | Site survey is required to determine plan for replacement transmitter installation.                    | N/A                 | N/A                       |
| UHF - Liquid Cooled Solid State Transmitter 31.7 kW  | <i>\$868,085.16</i>         | \$868,085.16        | This amount is based on revised proposal obtained from Gates Air. See attached exhibit: Quote G-63421. | \$645,563.87        | N/A                       |
| Transformer 3 phase/480v - 150 KVA                   | \$25,550.00                 | \$24,300.00         | N/A                                                                                                    | N/A                 | N/A                       |
| 1" Rigid Conduit and Wiring                          | <i>\$1,500.00</i>           | \$1,500.00          | N/A                                                                                                    | N/A                 | N/A                       |
| Other Electrical Service: Disconnection of existing. | <i>\$1,500.00</i>           | \$1,500.00          | N/A                                                                                                    | N/A                 | N/A                       |

|                                                 |                     |                     |                                                            |                     |     |
|-------------------------------------------------|---------------------|---------------------|------------------------------------------------------------|---------------------|-----|
| <b>Auxiliary Transmitter UAXTE-6R44</b>         | <b>\$169,061.70</b> | <b>\$169,061.70</b> |                                                            | <b>\$111,241.14</b> |     |
| UHF - Air Cooled Solid State Transmitter 3.6 kW | <b>\$169,061.70</b> | \$169,061.70        | See GatesAir quote Q-63424 uploaded with this application. | \$111,241.14        | N/A |
| <b>Sub-total</b>                                | \$1,072,196.86      | \$1,070,946.86      | N/A                                                        | \$756,805.01        | N/A |
| <b>Total for all systems</b>                    | \$1,938,312.66      | \$1,846,471.66      | N/A                                                        | \$947,260.03        | N/A |

## Components

| Actual Information                                  |                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description                                         | File Name                                                                                                                                                                                                                                                                                                                                                                                       |
| Site Survey                                         | Information not provided.                                                                                                                                                                                                                                                                                                                                                                       |
| UHF - Liquid Cooled Solid State Transmitter 31.7 kW | <p><b>Component Description:</b> Invoice #2 for Main Transmitter - 25% installment due 5/30/2018</p> <p><b>Amount:</b> \$214,271.29</p> <p><b>Component Description:</b> Initial payment with order for ULXTE-50 Transmitter System</p> <p><b>Amount:</b> \$217,021.29</p> <p><b>Component Description:</b> 25% Payment due 8/30/18 for main transmitter</p> <p><b>Amount:</b> \$214,271.29</p> |
| Transformer 3 phase/480v - 150 KVA                  | Information not provided.                                                                                                                                                                                                                                                                                                                                                                       |

|                                                         |                                                     |                                                                                                                                                                                 |
|---------------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1" Rigid Conduit and Wiring                             | Information not provided.                           |                                                                                                                                                                                 |
| Other Electrical Service:<br>Disconnection of existing. | Information not provided.                           |                                                                                                                                                                                 |
| UHF - Air Cooled Solid State<br>Transmitter 3.6 kW      | <b>Component Description:</b><br><br><b>Amount:</b> | 1/3 payment due<br>prior to shipping<br>for Auxiliary<br>/Backup<br>Transmitter<br>\$55,620.57<br><br>1/3 Down<br>Payment for<br>Auxiliary/Backup<br>Transmitter<br>\$55,620.57 |

## 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 |
|--------------------------------------------------------------------------------------------------------|-----------------------------|---------------------|--------------------------------------------------------------------------------------------------|---------------------|---------------------------|
| <b>Primary Antenna TFU-38DSC/VP-R C190</b>                                                             | <b>\$450,560.00</b>         | <b>\$455,080.00</b> |                                                                                                  | <b>\$159,063.12</b> |                           |
| Installation                                                                                           | <i>\$79,850.00</i>          | \$79,850.00         | Installation cost determined by Rex Industries proposal 217-301 attached to Form 399.            | N/A                 | N/A                       |
| Transportation to site                                                                                 | <i>\$0.00</i>               | \$0.00              | Included in antenna installation cost.                                                           | N/A                 | N/A                       |
| Freight                                                                                                | <i>\$9,500.00</i>           | \$9,500.00          | Freight Cost to Denver, Colorado provided in Dielectric email dated 6 /22/17 (attached to Form). | N/A                 | N/A                       |
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | \$5,260.00                  | \$2,500.00          | N/A                                                                                              | N/A                 | N/A                       |

|                                                                                                                     |                     |                |                                                                                                                                                                        |              |     |
|---------------------------------------------------------------------------------------------------------------------|---------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----|
| Side mount brackets for high power antennas (if not included in antenna base cost)                                  | \$23,150.00         | \$29,000.00    | Custom Mounting Bracket Cost provided in Dielectric Quotation SKM0003                                                                                                  | N/A          | N/A |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)                                    | \$12,300.00         | \$13,730.00    | Estimated cost based on Dielectric quotation.                                                                                                                          | N/A          | N/A |
| UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, elliptically or circularly polarized | <b>\$320,500.00</b> | \$320,500.00   | This amount was included in the approved Form 399 but inadvertently deleted in a subsequent reimbursement request. This change is to restore the amount to the budget. | \$159,063.12 | N/A |
| <b>Sub-total</b>                                                                                                    | \$450,560.00        | \$455,080.00   | N/A                                                                                                                                                                    | \$159,063.12 | N/A |
| <b>Total for all systems</b>                                                                                        | \$1,938,312.66      | \$1,846,471.66 | N/A                                                                                                                                                                    | \$947,260.03 | N/A |

## Components

| Actual Information     |                           |
|------------------------|---------------------------|
| Description            | File Name                 |
| Installation           | Information not provided. |
| Transportation to site | Information not provided. |
| Freight                | Information not provided. |

|                                                                                                                     |                                                     |                                                                                   |
|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------|
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)              | Information not provided.                           |                                                                                   |
| Side mount brackets for high power antennas (if not included in antenna base cost)                                  | Information not provided.                           |                                                                                   |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)                                    | Information not provided.                           |                                                                                   |
| UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, elliptically or circularly polarized | <b>Component Description:</b><br><br><b>Amount:</b> | Initial payment with order for TFU-38DSC/VP-R high power antenna.<br>\$159,063.12 |

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                   | \$76,558.00                    | \$73,887.00       |                                                                     | \$0.00       |                              |
| Rigid<br>Transmission<br>Line -<br>copper, 6 1/8" | \$76,558.00                    | \$73,887.00       | Estimated<br>cost is<br>based on<br>Dielectric<br>cost<br>proposal. | N/A          | N/A                          |
| Sub-total                                         | \$76,558.00                    | \$73,887.00       | N/A                                                                 | \$0.00       | N/A                          |
| Total for all<br>systems                          | \$1,938,312.66                 | \$1,846,471.66    | N/A                                                                 | \$947,260.03 | 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                                               | \$96,800.00                 | \$12,000.00    |                              | \$5,339.90   |                           |
| Structural engineering tower load study for well documented tower | \$12,600.00                 | \$12,000.00    | N/A                          | \$5,339.90   | N/A                       |
| Short Tower (less than 500')                                      | \$84,200.00                 | \$0.00         | N/A                          | \$0.00       | N/A                       |
| Sub-total                                                         | \$96,800.00                 | \$12,000.00    | N/A                          | \$5,339.90   | N/A                       |
| Total for all systems                                             | \$1,938,312.66              | \$1,846,471.66 | N/A                          | \$947,260.03 | N/A                       |

Components

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

|                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                      |                                                                         |                       |                   |                                      |                                                                                                   |                       |                   |                                      |                                                                                   |                       |                   |
|--------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------|-----------------------|-------------------|--------------------------------------|---------------------------------------------------------------------------------------------------|-----------------------|-------------------|--------------------------------------|-----------------------------------------------------------------------------------|-----------------------|-------------------|
| <p>Structural engineering tower load study for well documented tower</p> | <table> <tr> <td data-bbox="711 98 1145 371"> <p><b>Component Description:</b></p> </td><td data-bbox="1145 98 1426 371"> <p>Tower Analysis - Main Tower - January Labor - Includes PO #22547</p> </td></tr> <tr> <td data-bbox="711 371 1145 461"> <p><b>Amount:</b></p> </td><td data-bbox="1145 371 1426 461"> <p>\$3,275.00</p> </td></tr> <tr> <td data-bbox="711 461 1145 757"> <p><b>Component Description:</b></p> </td><td data-bbox="1145 461 1426 757"> <p>Invoice for structural study for mounting interim antenna during main antenna replacement.</p> </td></tr> <tr> <td data-bbox="711 757 1145 846"> <p><b>Amount:</b></p> </td><td data-bbox="1145 757 1426 846"> <p>\$1,000.00</p> </td></tr> <tr> <td data-bbox="711 846 1145 1142"> <p><b>Component Description:</b></p> </td><td data-bbox="1145 846 1426 1142"> <p>Tower Analysis - Main Tower - Labor for December 2017 - Includes PO #22547</p> </td></tr> <tr> <td data-bbox="711 1142 1145 1223"> <p><b>Amount:</b></p> </td><td data-bbox="1145 1142 1426 1223"> <p>\$1,064.90</p> </td></tr> </table> | <p><b>Component Description:</b></p> | <p>Tower Analysis - Main Tower - January Labor - Includes PO #22547</p> | <p><b>Amount:</b></p> | <p>\$3,275.00</p> | <p><b>Component Description:</b></p> | <p>Invoice for structural study for mounting interim antenna during main antenna replacement.</p> | <p><b>Amount:</b></p> | <p>\$1,000.00</p> | <p><b>Component Description:</b></p> | <p>Tower Analysis - Main Tower - Labor for December 2017 - Includes PO #22547</p> | <p><b>Amount:</b></p> | <p>\$1,064.90</p> |
| <p><b>Component Description:</b></p>                                     | <p>Tower Analysis - Main Tower - January Labor - Includes PO #22547</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                      |                                                                         |                       |                   |                                      |                                                                                                   |                       |                   |                                      |                                                                                   |                       |                   |
| <p><b>Amount:</b></p>                                                    | <p>\$3,275.00</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                      |                                                                         |                       |                   |                                      |                                                                                                   |                       |                   |                                      |                                                                                   |                       |                   |
| <p><b>Component Description:</b></p>                                     | <p>Invoice for structural study for mounting interim antenna during main antenna replacement.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                      |                                                                         |                       |                   |                                      |                                                                                                   |                       |                   |                                      |                                                                                   |                       |                   |
| <p><b>Amount:</b></p>                                                    | <p>\$1,000.00</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                      |                                                                         |                       |                   |                                      |                                                                                                   |                       |                   |                                      |                                                                                   |                       |                   |
| <p><b>Component Description:</b></p>                                     | <p>Tower Analysis - Main Tower - Labor for December 2017 - Includes PO #22547</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                      |                                                                         |                       |                   |                                      |                                                                                                   |                       |                   |                                      |                                                                                   |                       |                   |
| <p><b>Amount:</b></p>                                                    | <p>\$1,064.90</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                      |                                                                         |                       |                   |                                      |                                                                                                   |                       |                   |                                      |                                                                                   |                       |                   |
| <p>Short Tower (less than 500')</p>                                      | <p>Information not provided.</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 |
|----------------------------------------------------------------------------------------|-----------------------------|---------------------|------------------------------|--------------------|---------------------------|
| <b>Outside Professional Services</b>                                                   | <b>\$132,340.00</b>         | <b>\$125,250.00</b> |                              | <b>\$18,302.00</b> |                           |
| Project management of the transition                                                   | \$79,000.00                 | \$75,000.00         | N/A                          | \$12,750.00        | N/A                       |
| RF Exposure Measurements                                                               | \$21,050.00                 | \$20,000.00         | 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 - Negotiation of lease and other matters for shared locations            | \$4,210.00                  | \$4,000.00          | N/A                          | N/A                | N/A                       |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application    | \$2,365.00                  | \$2,250.00          | N/A                          | N/A                | N/A                       |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00                  | \$5,000.00          | N/A                          | \$4,952.00         | 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 |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00     | \$3,000.00     | N/A | \$600.00     | N/A |
| Perform engineering study for new channel assignment and antenna development         | \$7,360.00     | \$7,000.00     | N/A | \$0.00       | N/A |
| Prepare and or review reimbursement form                                             | \$2,630.00     | \$2,500.00     | N/A | N/A          | N/A |
| <b>Sub-total</b>                                                                     | \$132,340.00   | \$125,250.00   | N/A | \$18,302.00  | N/A |
| <b>Total for all systems</b>                                                         | \$1,938,312.66 | \$1,846,471.66 | N/A | \$947,260.03 | N/A |

## Components

| Actual Information                   |           |
|--------------------------------------|-----------|
| Description                          | File Name |
| Project management of the transition |           |

|                               |                                                                               |
|-------------------------------|-------------------------------------------------------------------------------|
| <b>Component Description:</b> | Legal advice related to management of project - line item from 2/6/2018 only. |
| <b>Amount:</b>                | \$50.00                                                                       |

|                               |                                                                                  |
|-------------------------------|----------------------------------------------------------------------------------|
| <b>Component Description:</b> | Legal advice related to management of project - line items for 2/6 and 2/14 only |
| <b>Amount:</b>                | \$300.00                                                                         |

|                               |                                      |
|-------------------------------|--------------------------------------|
| <b>Component Description:</b> | Project Management Fees - March 2018 |
| <b>Amount:</b>                | \$450.00                             |

|                               |                                    |
|-------------------------------|------------------------------------|
| <b>Component Description:</b> | Project Management Fees - May 2018 |
| <b>Amount:</b>                | \$1,218.75                         |

|                               |                                               |
|-------------------------------|-----------------------------------------------|
| <b>Component Description:</b> | Legal advice related to management of project |
| <b>Amount:</b>                | \$150.00                                      |

|                               |                                     |
|-------------------------------|-------------------------------------|
| <b>Component Description:</b> | Project Management Fees - June 2018 |
| <b>Amount:</b>                | \$975.00                            |

|                               |                                            |
|-------------------------------|--------------------------------------------|
| <b>Component Description:</b> | Project Management Fees - July-August 2018 |
| <b>Amount:</b>                | \$1,575.00                                 |

**Component Description:** Project  
Management Fees  
- June 2017  
(includes all line  
items except 6/26  
and 6/27).

**Amount:** \$1,275.00

**Component Description:** Repack Project  
Management Fees  
- January 2018

**Amount:** \$731.25

**Component Description:** Project  
Management Fees  
- February 2018

**Amount:** \$506.25

**Component Description:** Legal Advice  
related to  
management of  
project

**Amount:** \$50.00

**Component Description:** Project  
Management Fees  
- October 2017

**Amount:** \$225.00

**Component Description:** Project  
Management Fees  
- September 2017

**Amount:** \$450.00

**Component Description:** Project  
Management Fees  
for April 2017.

**Amount:** \$600.00

|                               |                                          |
|-------------------------------|------------------------------------------|
| <b>Component Description:</b> | Project<br>Management Fees<br>- May 2017 |
| <b>Amount:</b>                | \$1,125.00                               |

|                               |                                                                          |
|-------------------------------|--------------------------------------------------------------------------|
| <b>Component Description:</b> | Legal Advice<br>related to<br>management of<br>project - January<br>2018 |
| <b>Amount:</b>                | \$800.00                                                                 |

|                               |                                               |
|-------------------------------|-----------------------------------------------|
| <b>Component Description:</b> | Project<br>Management Fees<br>- November 2017 |
| <b>Amount:</b>                | \$300.00                                      |

|                               |                                                                                 |
|-------------------------------|---------------------------------------------------------------------------------|
| <b>Component Description:</b> | Project<br>Management Fees<br>- July 2017 (all line<br>items except 7/6<br>/17) |
| <b>Amount:</b>                | \$656.25                                                                        |

|                               |                                            |
|-------------------------------|--------------------------------------------|
| <b>Component Description:</b> | Project<br>Management Fees<br>- April 2018 |
| <b>Amount:</b>                | \$225.00                                   |

|                               |                                             |
|-------------------------------|---------------------------------------------|
| <b>Component Description:</b> | Project<br>Management Fees<br>- August 2017 |
| <b>Amount:</b>                | \$150.00                                    |

|                               |                                                                           |
|-------------------------------|---------------------------------------------------------------------------|
| <b>Component Description:</b> | Legal advice<br>related to<br>management of<br>project -<br>December 2017 |
| <b>Amount:</b>                | \$50.00                                                                   |

|                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                        | <p><b>Component Description:</b> Project Management Fees for the month of December 2017</p> <p><b>Amount:</b> \$937.50</p>                                                                                                                                                                                                                                                                                   |
| RF Exposure Measurements                                                               | Information not provided.                                                                                                                                                                                                                                                                                                                                                                                    |
| Attorney Fees - Prepare and File request for Special Temporary Authorization           | Information not provided.                                                                                                                                                                                                                                                                                                                                                                                    |
| Attorney Fees - Negotiation of lease and other matters for shared locations            | Information not provided.                                                                                                                                                                                                                                                                                                                                                                                    |
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application     | Information not provided.                                                                                                                                                                                                                                                                                                                                                                                    |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | <p><b>Component Description:</b> Legal Fees</p> <p><b>Amount:</b> \$139.00</p> <p><b>Component Description:</b> Legal Fees</p> <p><b>Amount:</b> \$2,418.00</p> <p><b>Component Description:</b> Legal Fees</p> <p><b>Amount:</b> \$600.00</p> <p><b>Component Description:</b> Legal Fees</p> <p><b>Amount:</b> \$878.00</p> <p><b>Component Description:</b> Legal Fees</p> <p><b>Amount:</b> \$917.00</p> |
| Prepare request for Special Temporary Authorization                                    | Information not provided.                                                                                                                                                                                                                                                                                                                                                                                    |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application      | Information not provided.                                                                                                                                                                                                                                                                                                                                                                                    |

|                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                      |                                                                                              |                       |                 |                                      |                                                                     |                       |                 |
|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------------------------|-----------------------|-----------------|--------------------------------------|---------------------------------------------------------------------|-----------------------|-----------------|
| <p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p> | <table> <tr> <td data-bbox="710 103 1145 360"> <p><b>Component Description:</b></p> </td><td data-bbox="1145 103 1428 360"> <p>Engineering Fees for Preparation of CP Application - line items for 6/26 and 6/27/17.</p> </td></tr> <tr> <td data-bbox="710 360 1145 483"> <p><b>Amount:</b></p> </td><td data-bbox="1145 360 1428 483"> <p>\$450.00</p> </td></tr> <tr> <td data-bbox="710 483 1145 674"> <p><b>Component Description:</b></p> </td><td data-bbox="1145 483 1428 674"> <p>Engineering Fees for CP Application - line item for 7/6 only</p> </td></tr> <tr> <td data-bbox="710 674 1145 763"> <p><b>Amount:</b></p> </td><td data-bbox="1145 674 1428 763"> <p>\$150.00</p> </td></tr> </table> | <p><b>Component Description:</b></p> | <p>Engineering Fees for Preparation of CP Application - line items for 6/26 and 6/27/17.</p> | <p><b>Amount:</b></p> | <p>\$450.00</p> | <p><b>Component Description:</b></p> | <p>Engineering Fees for CP Application - line item for 7/6 only</p> | <p><b>Amount:</b></p> | <p>\$150.00</p> |
| <p><b>Component Description:</b></p>                                                        | <p>Engineering Fees for Preparation of CP Application - line items for 6/26 and 6/27/17.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                      |                                                                                              |                       |                 |                                      |                                                                     |                       |                 |
| <p><b>Amount:</b></p>                                                                       | <p>\$450.00</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                      |                                                                                              |                       |                 |                                      |                                                                     |                       |                 |
| <p><b>Component Description:</b></p>                                                        | <p>Engineering Fees for CP Application - line item for 7/6 only</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                      |                                                                                              |                       |                 |                                      |                                                                     |                       |                 |
| <p><b>Amount:</b></p>                                                                       | <p>\$150.00</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                      |                                                                                              |                       |                 |                                      |                                                                     |                       |                 |
| <p>Perform engineering study for new channel assignment and antenna development</p>         | <p>Information not provided.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                      |                                                                                              |                       |                 |                                      |                                                                     |                       |                 |
| <p>Prepare and or review reimbursement form</p>                                             | <p>Information not provided.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                      |                                                                                              |                       |                 |                                      |                                                                     |                       |                 |

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<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification                                                                   | Actual Cost | Actual Cost<br>Justification |
|-----------------------------------------------------------------------------------------|--------------------------------|-------------------|------------------------------------------------------------------------------------------------------|-------------|------------------------------|
| Other<br>Expenses                                                                       | \$109,857.80                   | \$109,307.80      |                                                                                                      | \$7,750.00  |                              |
| MVPD<br>Notification of<br>Channel<br>Change                                            | <i>\$2,500.00</i>              | \$2,500.00        | N/A                                                                                                  | \$1,963.00  | N/A                          |
| Electrical<br>Design<br>Engineering                                                     | <i>\$3,000.00</i>              | \$3,000.00        | Cost<br>estimate<br>based on<br>verbal quote<br>from Green<br>Mountain<br>Electrical<br>Consultants. | \$2,800.00  | N/A                          |
| Local Zoning                                                                            | <i>\$5,000.00</i>              | \$5,000.00        | N/A                                                                                                  | N/A         | N/A                          |
| DTV Medical<br>Facility<br>Notification                                                 | \$11,550.00                    | \$11,000.00       | N/A                                                                                                  | \$2,987.00  | N/A                          |
| Disposal<br>Costs (for<br>equipment and<br>other waste,<br>net of any<br>salvage value) | <i>\$48,495.00</i>             | \$48,495.00       | N/A                                                                                                  | N/A         | N/A                          |

|                                                         |                    |             |                                                                                                                        |     |     |
|---------------------------------------------------------|--------------------|-------------|------------------------------------------------------------------------------------------------------------------------|-----|-----|
| Equipment Delivery and Handling Charges                 | <b>\$4,500.00</b>  | \$4,500.00  | Cost based on local towing company 4WD vehicle to transport transmitter (s) to/from site. Three days @ \$1500 per day. | N/A | N/A |
| Develop and air announcement of upcoming channel change | <b>\$1,500.00</b>  | \$1,500.00  | N/A                                                                                                                    | N/A | N/A |
| Temporary Antenna Installation                          | <b>\$10,000.00</b> | \$10,000.00 | See Rex Industries email dated 6/30/17 attached to Form 399.                                                           | N/A | N/A |

|                                               |                    |                |                                                                                                                                                                                                                                                                                                 |              |     |
|-----------------------------------------------|--------------------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----|
| Replacement<br>Coaxial<br>Switching<br>System | <b>\$23,312.80</b> | \$23,312.80    | See<br>Dielectric<br>quote<br>180074ASM<br>uploaded<br>with this<br>application<br>to replace<br>an existing<br>waveguide<br>switching<br>system<br>(main and<br>backup<br>transmitter,<br>antenna<br>and load)<br>that<br>Dielectric<br>advises<br>cannot be<br>used on the<br>new<br>channel. | N/A          | N/A |
| <b>Sub-total</b>                              | \$109,857.80       | \$109,307.80   | N/A                                                                                                                                                                                                                                                                                             | \$7,750.00   | N/A |
| <b>Total for all<br/>systems</b>              | \$1,938,312.66     | \$1,846,471.66 | N/A                                                                                                                                                                                                                                                                                             | \$947,260.03 | N/A |

## Components

| Actual Information                     |                                                                                                                                        |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Description                            | File Name                                                                                                                              |
| MVPD Notification of<br>Channel Change | <p><b>Component Description:</b> DTV Notification<br/>Invoice 001908 -<br/>MVPD<br/>Notifications</p> <p><b>Amount:</b> \$1,963.00</p> |
| Electrical Design Engineering          | <p><b>Component Description:</b> Engineering of<br/>transmitter<br/>electrical facilities</p> <p><b>Amount:</b> \$2,800.00</p>         |

|                                                                          |                                                                                                                                                                                           |
|--------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Local Zoning                                                             | Information not provided.                                                                                                                                                                 |
| DTV Medical Facility Notification                                        | <div> <div> <b>Component Description:</b> </div> <div>DTV Notification Invoice 001909 - Medical Notifications</div> </div> <div> <div> <b>Amount:</b> </div> <div>\$2,987.00</div> </div> |
| Disposal Costs (for equipment and other waste, net of any salvage value) | Information not provided.                                                                                                                                                                 |
| Equipment Delivery and Handling Charges                                  | Information not provided.                                                                                                                                                                 |
| Develop and air announcement of upcoming channel change                  | Information not provided.                                                                                                                                                                 |
| Temporary Antenna Installation                                           | Information not provided.                                                                                                                                                                 |
| Replacement Coaxial Switching System                                     | Information not provided.                                                                                                                                                                 |

| Cost Information | Grand Total           |                             |                |              |
|------------------|-----------------------|-----------------------------|----------------|--------------|
|                  |                       | Predetermined Cost Estimate | Estimated Cost | Actual Cost  |
|                  | Total for all systems | \$1,938,312.66              | \$1,846,471.66 | \$947,260.03 |

| 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>DANNA LUO</b><br/> <i>CHIEF FINANCIAL OFFICER</i></p> <p>09/12/2018</p> |

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

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

|                                                                                                                                                                                                                                                                                                                                                                    |                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| <p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.</p> |                                                                                  |
| <p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>                                                                                                                                                                                                          | <p><b>DANNA LUO</b><br/> CHIEF<br/> FINANCIAL<br/> OFFICER</p> <p>09/12/2018</p> |

## Attachments