



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **69531** | Service: **DTV** | Call **KZJL** | Channel: **21 (UHF)** |  
ID: | Sign:  
File **0000028770**  
Number:  
FRN: **0016264616** | Date **12/03**  
Submitted: **/2018**

## Applicant Information

### Applicant Name, Type, and Contact Information

| Applicant                                                         | Address                                                                             | Phone                | Email                   | Applicant Type                  |
|-------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------|-------------------------|---------------------------------|
| <b>KZJL LICENSE LLC</b><br>Doing Business As:<br>KZJL LICENSE LLC | Chris<br>Buchanan<br>1845 EMPIRE<br>AVENUE<br>BURBANK,<br>CA 91504<br>United States | +1 (818)<br>558-4221 | chrisb@lbimedia.<br>com | Limited<br>Liability<br>Company |

## 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>Samuel Hariton</b><br><i>Widely, Inc.</i> | 4031 University Drive<br>Fairfax, VA 22030<br>United States | +1 (339) 222-<br>8107 | sam.hariton@widely.<br>com |

**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. | Yes                                                                                                                                                                                                                                                   |
| Briefly describe transition plan                                                                                                                                                                                                                                                                                                                             | The plan is for KZJL to replace the existing Channel 44 system with a new Channel 21 antenna, new 6-1/8" line and new transmitter. During the transition, KZJL will utilize a shared interim antenna at a new site. See attached narrative statement. |

**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                                         | Auxiliary             |
|                                                       | 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                                                      | Ranger                |
|                                                       | Year                                                       | 2001                  |
|                                                       | Type                                                       | Solid State           |
|                                                       | Solid State Cooling                                        | Air Cooled            |
|                                                       | Solid State Power Capacity                                 | 1 kW                  |

**Auxiliary  
Transmitter****New Transmitter Costs**

| Section         | Question                                  | Response                                                                                                            |
|-----------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| New Transmitter | Use                                       | Auxiliary<br>(Backup)                                                                                               |
|                 | Change Type                               | Purchase<br>New                                                                                                     |
|                 | Is this a request for upgraded equipment? | Yes                                                                                                                 |
|                 | Manufacturer                              |                                                                                                                     |
|                 | Model                                     | UAXTE-<br>2R37                                                                                                      |
|                 | Transmitter Type                          | Solid State                                                                                                         |
|                 | Solid State Cooling                       | Air Cooled                                                                                                          |
|                 | Solid State Power capacity                | 1 kW                                                                                                                |
|                 | Justification for New Transmitter         | Existing<br>transmitter<br>cannot be<br>retuned, so<br>a<br>replacement<br>transmitter<br>needs to be<br>purchased. |

**Auxiliary  
Transmitter****Other Transmitter Costs**

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

|                                                                            |                                                                                               |                                                                                                                                                                                                       |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                            | Other Electrical Service                                                                      | Yes                                                                                                                                                                                                   |
|                                                                            | Description                                                                                   | The new auxiliary transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors. |
| <b>HVAC Service</b>                                                        | Does the replacement transmitter require HVAC Service?                                        | Yes                                                                                                                                                                                                   |
|                                                                            | Type                                                                                          | Cooling Only                                                                                                                                                                                          |
|                                                                            | Size                                                                                          | 5 tons                                                                                                                                                                                                |
|                                                                            | Other Size                                                                                    | N/A                                                                                                                                                                                                   |
| <b>Transmitter Building Addition/Modification or Leasehold Improvement</b> | Does the Transmitter Building require an addition, modification, other leasehold improvement? | 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                 |
|--------------------------------------------|------------------------------------------------------------|--------------------------|
| Existing Transmitter Description           | 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                      |
| Existing Transmitter Manufacturer and Type | Manufacturer                                               |                          |
|                                            | Model                                                      | Sigma CD                 |
|                                            | Year                                                       | 2006                     |
|                                            | Type                                                       | Inductive<br>Output Tube |
|                                            | IOT Power Type                                             | Two                      |
|                                            | Power Capacity                                             | 42 kW                    |

**Primary  
Transmitter**

**New Transmitter Costs**

| Section         | Question                                  | Response                                                                                                                |
|-----------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| New Transmitter | Use                                       | Primary (Main)                                                                                                          |
|                 | Change Type                               | Purchase New                                                                                                            |
|                 | Is this a request for upgraded equipment? | Yes                                                                                                                     |
|                 | Manufacturer                              |                                                                                                                         |
|                 | Model                                     | ULXTE-72                                                                                                                |
|                 | Transmitter Type                          | Solid State                                                                                                             |
|                 | Solid State Cooling                       | Liquid Cooled                                                                                                           |
|                 | Solid State Power capacity                | 47 kW                                                                                                                   |
|                 | Justification for New Transmitter         | The existing transmitter cannot be retuned per letter from the manufacturer. A new replacement transmitter is required. |

**Primary  
Transmitter**

**Other Transmitter Costs**

| Section            | Question                              | Response |
|--------------------|---------------------------------------|----------|
| Electrical Service | Service Entrance (3 phases 800A 208V) | No       |
|                    | Switchgear (industrial 800 amp)       | Yes      |
|                    | Transformer (480V)                    | Yes      |
|                    | Power                                 | 300 kVA  |
|                    | Rigid Conduit and Wiring              | Yes      |
|                    | Size                                  | 2 inches |
|                    |                                       |          |

|                                                                            |                                                                                               |                                                                                                                                                                                                  |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                            | Length                                                                                        | 1000.0 feet                                                                                                                                                                                      |
|                                                                            | Other Electrical Service                                                                      | Yes                                                                                                                                                                                              |
|                                                                            | Description                                                                                   | The new main transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors. |
| <b>HVAC Service</b>                                                        | Does the replacement transmitter require HVAC Service?                                        | Yes                                                                                                                                                                                              |
|                                                                            | Type                                                                                          | Cooling Only                                                                                                                                                                                     |
|                                                                            | Size                                                                                          | 25 tons                                                                                                                                                                                          |
|                                                                            | Other Size                                                                                    | N/A                                                                                                                                                                                              |
| <b>Transmitter Building Addition/Modification or Leasehold Improvement</b> | Does the Transmitter Building require an addition, modification, other leasehold improvement? | Yes                                                                                                                                                                                              |
|                                                                            | Size                                                                                          | 1500.0 square feet                                                                                                                                                                               |
| <b>Channel 14 Costs</b>                                                    | Is an RF Consulting Engineer needed?                                                          | N/A                                                                                                                                                                                              |
|                                                                            | Is a channel 14 Mask Filer needed?                                                            | N/A                                                                                                                                                                                              |
|                                                                            | Is additional field engineering time needed?                                                  | N/A                                                                                                                                                                                              |
|                                                                            | Number of Days                                                                                | N/A                                                                                                                                                                                              |

**Primary  
Transmitter**

**Other Transmitter Cost Not Listed**

| Name | Description |
|------|-------------|
|------|-------------|



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**Ice Shield for HVAC Equipment**

Ice shield necessary for HVAC Equipment  
per tower owner.

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**Interim  
Transmitter**

**New Transmitter Costs**

| Section         | Question                          | Response                                                |
|-----------------|-----------------------------------|---------------------------------------------------------|
| New Transmitter | Use                               | Interim                                                 |
|                 | Description of Use                | N/A                                                     |
|                 | Change Type                       | Purchase                                                |
|                 | Manufacturer                      |                                                         |
|                 | Model                             | N/A                                                     |
|                 | Transmitter Type                  | Solid State                                             |
|                 | Solid State Cooling               | Liquid Cooled                                           |
|                 | Solid State Power capacity        | 0 kW                                                    |
|                 | Justification for New Transmitter | Interim Transmitter no longer expected to be necessary. |

**Interim  
Transmitter**

**Other Transmitter Costs**

| Section            | Question                              | Response |
|--------------------|---------------------------------------|----------|
| Electrical Service | Service Entrance (3 phases 800A 208V) | No       |
|                    | Switchgear (industrial 800 amp)       | No       |
|                    | Transformer (480V)                    | No       |
|                    | Power                                 | N/A      |
|                    | Rigid Conduit and Wiring              | No       |
|                    | Size                                  | N/A      |
|                    | Length                                | N/A      |
|                    | Other Electrical Service              | 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 |
| <b>Inside RF System</b>                                                    | Is an additional interior RF system required to support this interim transmitter?             | No  |

**Interim Transmitter**      **Other Transmitter Cost Not Listed**  
Information not provided.

**Antennas**

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

## Primary Antenna

### Existing Antenna Information

| Section                                | Question                                                         | Response        |
|----------------------------------------|------------------------------------------------------------------|-----------------|
| Existing Antenna Description           | Type of change                                                   | Lease New       |
|                                        | Antenna Use                                                      | Primary (Main)  |
|                                        | Description of Use                                               | N/A             |
|                                        | Ownership                                                        | Owned           |
|                                        | Owner                                                            | N/A             |
|                                        | Site                                                             | N/A             |
|                                        | Is the existing antenna shared with another station or stations? | No              |
|                                        | Is the existing antenna directional?                             | Yes             |
|                                        | Is antenna in operating condition?                               | Yes             |
|                                        | Is antenna located on or in close proximity to an antenna farm?  | Yes             |
| Existing Antenna Manufacturer and Type | Class                                                            | Full Power      |
|                                        | Mounting                                                         | Side Mount      |
|                                        | Antenna position in stack                                        | Not in Stack    |
|                                        | Polarization                                                     | Horizontal      |
|                                        | Type                                                             | Slotted Coaxial |
|                                        | Number of Stations Supported                                     | N/A             |
|                                        | Number of Panels                                                 | N/A             |
|                                        | Design power capacity in use                                     | N/A             |
|                                        | Lower Limit                                                      | N/A             |
|                                        | Upper Limit                                                      | N/A             |
|                                        | Other Antenna Type                                               | N/A             |
|                                        | ERP: (Effective Radiated Power)                                  | 1000.0 kW       |
|                                        | Manufacturer                                                     |                 |

|       |                         |
|-------|-------------------------|
| Model | TFU-<br>30DSC-R<br>C170 |
| Year  | 2004                    |

**Primary  
Antenna**

**New Antenna Costs**

| Section                                       | Question                                                             | Response             |
|-----------------------------------------------|----------------------------------------------------------------------|----------------------|
| <b>New Antenna Description</b>                | Use                                                                  | Primary (Main)       |
|                                               | Description of Use                                                   | N/A                  |
|                                               | Change Type                                                          | Lease New            |
|                                               | Is this a request for upgraded equipment?                            | Yes                  |
|                                               | Ownership                                                            | Leased               |
|                                               | Owner                                                                | American Tower Corp. |
|                                               | Is antenna shared?                                                   | Yes                  |
|                                               | Is antenna directional?                                              | Yes                  |
|                                               | Will antenna be located on or in close proximity to an antenna farm? | Yes                  |
| <b>New Antenna<br/>Manufacturer and Types</b> | Class                                                                | Full Power           |
|                                               | Mounting                                                             | Top Mount            |
|                                               | Antenna position in stack                                            | Not in Stack         |
|                                               | Polarization                                                         | Elliptical           |
|                                               | Type                                                                 | Broadband Panel      |
|                                               | Number of Stations Supported                                         | 3                    |
|                                               | Number of Panels/Bays                                                | 56                   |
|                                               | Lower Limit                                                          | 470.00 MHz           |
|                                               | Upper Limit                                                          | 700.00 MHz           |
|                                               | Design power capacity in use                                         | 60.0 %               |
|                                               | Other Antenna Type                                                   | N/A                  |
|                                               | ERP: (Effective Radiated Power)<br>.....                             | 660.0 kW             |
|                                               | Manufacturer                                                         |                      |
|                                               | Model                                                                | PEPL42C              |
|                                               |                                                                      |                      |

|                               |                                                                                                                                                        |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Year                          | 2018                                                                                                                                                   |
| Justification for New Antenna | The existing antenna cannot be re-tuned. KJZL decided to join effort through the BBA system in order to reduced cost compared to a like-for-like swap. |

## Primary Antenna

### Other Antenna Costs

| Section                            | Question                                                              | Response                  |
|------------------------------------|-----------------------------------------------------------------------|---------------------------|
| <b>Combiner for Shared Antenna</b> | Do you need a Combiner for a Shared Antenna?                          | Yes                       |
|                                    | Type                                                                  | New                       |
|                                    | Number of channels supported                                          | 3                         |
|                                    | Frequencies of channels supported                                     | Upper and lower frequency |
|                                    | Frequency                                                             | 470.0 MHz - 698.0 MHz     |
|                                    | Do you need a combiner output splitter /switcher for dual feed lines? | Yes                       |
| <b>Elbow Complex</b>               | Do you require the separate purchase of the Elbow Complex?            | Yes                       |
|                                    | Broadband or Single Channel?                                          | Broadband                 |
|                                    | Feed Line Size                                                        | 7 3/16 inches inches      |



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

**Primary  
Antenna**

**Other Antenna Cost Not Listed**

| Name           |  | Description                                                 |
|----------------|--|-------------------------------------------------------------|
| Combiner Space |  | 600-1500 sq ft indoor space needed for new Combiner system. |
| Combiner HVAC  |  | 2x10 Ton HVAC needed for the Combiner                       |

**Interim  
Antenna**

**New Antenna Costs**

| Section                                      | Question                                                             | Response           |
|----------------------------------------------|----------------------------------------------------------------------|--------------------|
| <b>New Antenna Description</b>               | Use                                                                  | Interim            |
|                                              | Description of Use                                                   | N/A                |
|                                              | Change Type                                                          | Purchase<br>New    |
|                                              | Ownership                                                            | Owned              |
|                                              | Owner                                                                | N/A                |
|                                              | Is antenna shared?                                                   | No                 |
|                                              | Is antenna directional?                                              | No                 |
|                                              | Will antenna be located on or in close proximity to an antenna farm? | No                 |
| <b>New Antenna<br/>Manufacturer and Type</b> | Class                                                                | Full Power         |
|                                              | Mounting                                                             | Top Mount          |
|                                              | Antenna position in stack                                            | Not in Stack       |
|                                              | Polarization                                                         | Horizontal         |
|                                              | Type                                                                 | Slotted<br>Coaxial |
|                                              | Number of Stations Supported                                         | N/A                |
|                                              | Number of Panels/Bays                                                | N/A                |
|                                              | Lower Limit                                                          | N/A                |
|                                              | Upper Limit                                                          | N/A                |
|                                              | Design power capacity in use                                         | N/A                |
|                                              | Other Antenna Type                                                   | N/A                |
|                                              | ERP: (Effective Radiated Power)                                      | 0.001 kW           |
|                                              | Manufacturer                                                         |                    |
|                                              | Model                                                                | N/A                |
|                                              | Year                                                                 | 1900               |
|                                              |                                                                      |                    |

|  |                               |                                                    |
|--|-------------------------------|----------------------------------------------------|
|  | Justification for New Antenna | KZJL No longer expects to need an interim antenna. |
|--|-------------------------------|----------------------------------------------------|

**Interim  
Antenna**

**Other Antenna Costs**

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

**Interim  
Antenna**

**Other Antenna Cost Not Listed**

Information not provided.

**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                                                             | Lease 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                                                                   | 7 3/16 inches     |
|                                                         | Other Diameter                                                             | N/A               |
|                                                         | Segment Length                                                             | 20 inches         |
|                                                         | Other Segment Length                                                       | N/A               |
|                                                         | Number of parallel runs                                                    | 1                 |
|                                                         | Length                                                                     | 1800 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                               | Lease New                                                   |
|                             | Is this a request for upgraded equipment? | Yes                                                         |
|                             | Type                                      | Rigid                                                       |
|                             | Diameter                                  | 7 3/16 inches                                               |
|                             | Other Diameter                            | N/A                                                         |
|                             | Segment Length                            | Broadband                                                   |
|                             | Other Segment Length                      | N/A                                                         |
|                             | Number of parallel runs                   | 2                                                           |
|                             | Length                                    | 2100 feet per run                                           |
|                             | Justification for New Transmission Line   | The existing transmission line is the wrong segment length. |

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      |

**Auxiliary Tower**

**Add Tower**

| Section                                             | Question                                                | Response           |
|-----------------------------------------------------|---------------------------------------------------------|--------------------|
| Existing Tower Description                          | Type of change                                          | Move Equipment     |
|                                                     | Tower Use                                               | Auxiliary (Backup) |
|                                                     | Description of Use                                      | No Longer Needed   |
|                                                     | 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?            | Unknown            |
|                                                     | Is tower compliant with Rev G?                          | Unknown            |
| Existing Tower Structure Registration               | Do you have a tower registration number?                | Yes                |
|                                                     | ASR Number                                              | 1059622            |
| Coordinates (NAD83 ( North American Datum of 1983)) | Latitude (NAD83)                                        | 29° 33' 45.2" N-   |
|                                                     | Longitude (NAD83)                                       | 095° 30' 35.9" W-  |
|                                                     | Overall Structure Height                                | 1974.06 feet       |
|                                                     | Support Structure Height                                | 1844.14 feet       |
|                                                     | Ground Elevation Above Mean Sea Level (AMSL)            | 74.15 feet         |

|                  |                                                                         |
|------------------|-------------------------------------------------------------------------|
| Structure Type   | GTOWER -<br>Guyed<br>Structure Used<br>for<br>Communication<br>Purposes |
| Tower Owner      | American<br>Towers LLC                                                  |
| Date Constructed | 08/30/2000                                                              |

**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 |
|-------------|-----------|---------|
| 9625        | KQBT      | FM      |
| 53847       | KXLN-DT   | DTV     |
| 51569       | KTXH      | DTV     |
| 31870       | KYAZ      | DTV     |
| 28324       | KTBU      | DTV     |
| 13200       | KUVM-CD   | DTV     |
| 11971       | KMJQ      | FM      |
| 11969       | KBXX      | FM      |

**Other Types of Users**

| Users         |
|---------------|
| 142962 K236AR |
| 57189 KHLM-LD |
| 7079 KCVH     |
| Wireless 2    |
| Wireless 1    |



**Auxiliary  
Tower**

**Tower Rigging Costs**

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

**Auxiliary  
Tower**

**Other Tower Expenses Not Listed**

Information not provided.

**Primary  
Tower****Existing Tower**

| Section                                                    | Question                                                | Response                                                                |
|------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------|
| <b>Existing Tower<br/>Description</b>                      | Type of change                                          | Modify Existing                                                         |
|                                                            | Tower Use                                               | Primary (Main)                                                          |
|                                                            | Description of Use                                      | N/A                                                                     |
|                                                            | Ownership                                               | Leased                                                                  |
|                                                            | Is this tower consider Complex?                         | Candelabra                                                              |
|                                                            | 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?            | No                                                                      |
|                                                            | Is tower compliant with Rev G?                          | Unknown                                                                 |
| <b>Existing Tower<br/>Structure Registration</b>           | Do you have a tower registration number?                | Yes                                                                     |
|                                                            | ASR Number                                              | 1059622                                                                 |
| <b>Coordinates (NAD83 ( North American Datum of 1983))</b> | Latitude (NAD83)                                        | 29° 33' 45.2" N-                                                        |
|                                                            | Longitude (NAD83)                                       | 095° 30' 35.9" W-                                                       |
|                                                            | Overall Structure Height                                | 1974.06 feet                                                            |
|                                                            | Support Structure Height                                | 1844.14 feet                                                            |
|                                                            | Ground Elevation Above Mean Sea Level (AMSL)            | 74.15 feet                                                              |
|                                                            | Structure Type                                          | GTOWER -<br>Guyed<br>Structure Used<br>for<br>Communication<br>Purposes |
|                                                            | Tower Owner                                             | American<br>Towers, LLC.                                                |
|                                                            | Date Constructed                                        | 08/30/2000                                                              |

**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 |
|-------------|-----------|---------|
| 31870       | KYAZ      | DTV     |
| 22204       | KRIV      | DTV     |
| 28324       | KTBU      | DTV     |
| 51569       | KTXH      | DTV     |
| 13200       | KUVM-CD   | DTV     |
| 53847       | KXLN-DT   | DTV     |
| 11971       | KMJQ      | FM      |
| 11969       | KBXX      | FM      |
| 9625        | KQBT      | FM      |

**Other Types of Users**

| Users         |
|---------------|
| Wireless 1    |
| 7079 KCVH     |
| 57189 KHLN-LD |
| 142962 K236AR |
| Wireless 2    |

**Primary  
Tower**

**Tower Modification Costs**

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

|                             |                                                            |                                                        |
|-----------------------------|------------------------------------------------------------|--------------------------------------------------------|
| <b>Engineering Study</b>    | Please what type of engineering study is required, if any: | Study needed for undocumented /poorly documented tower |
| <b>Tower Reinforcements</b> | Please select whether tower reinforcements are needed:     | Major Reinforcements needed                            |

**Primary Tower**

**Tower Rigging Costs**

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

**Primary Tower**

**Other Tower Expenses Not Listed**

| Name                           | Description                                                                        |
|--------------------------------|------------------------------------------------------------------------------------|
| <b>Construction Management</b> | Construction project management - Tower Modification reinforcements and facilities |
| <b>Structural Analysis</b>     | After the tower mapping is complete, a structural analysis will be necessary.      |
| <b>Tower Permit Drawings</b>   | Tower Permit Drawing Package                                                       |
| <b>Ground Permit Drawings</b>  | Ground & Building A and E Permit Drawing Package                                   |

**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                                                              | 807                                                                                                                                                                                                                         |
|                                                                   | Explanation                                                                  | KZJL does not have sufficient resource capacity and expertise in house to handle all of the Project Management related tasks necessary to facilitate on-time completion of the station's build by the Construction Deadline |
| <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                                                                     | 2                                                                                                                                                                                                                           |
|                                                                   |                                                                              |                                                                                                                                                                                                                             |

|                                                       |                                                                                            |     |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------|-----|
|                                                       | Do you have Distributed Transmission System engineering services?                          | N/A |
|                                                       | Critical Facility                                                                          | N/A |
|                                                       | Terrain-Shielded Facility                                                                  | N/A |
| <b>Attorney and Other Outside Consulting Services</b> | Prepare and file Form FCC Construction Permit Application                                  | Yes |
|                                                       | For Auxiliary Facility                                                                     | 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                                                                                   | 2   |
|                                                       | NEPA Section 106 environmental review                                                      | Yes |
|                                                       | Environmental Assessment                                                                   | Yes |
|                                                       | ASR Modification                                                                           | Yes |
|                                                       | 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 | Yes |
| <b>RF Field Engineering Services</b>                  | Comprehensive coverage verification via field study                                        | No  |
|                                                       | RF exposure measurements                                                                   | Yes |
|                                                       | Additional Field Engineering Service                                                       | Yes |
|                                                       | Number of Days                                                                             | 10  |

|  |               |                                              |
|--|---------------|----------------------------------------------|
|  | Justification | Supervision and inspection of work completed |
|--|---------------|----------------------------------------------|

Outside  
Professional

Other Professional Services Expenses Not Listed

| Services Costs            |                                                      |
|---------------------------|------------------------------------------------------|
| Name                      | Description                                          |
| Site Coordination Meeting | Site Coordination Meeting                            |
| RF System Test            | RF System Test                                       |
| Migratory Bird Assessment | Migratory Bird Assessment and Permitting (if needed) |

## 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                                                                                                   | Yes      |
|                                     | BLM or NFS Coordination                                                                                              | No       |
|                                     | FCC Construction Permit Minor Change                                                                                 | No       |
|                                     | FCC License to Cover Application                                                                                     | Yes      |
|                                     | FCC Special Temporary Authority Application                                                                          | Yes      |
| <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                                                         |
|--------------------|---------------------------------------------------------------------|
| Site Security      | Site Security necessary during repack activities.                   |
| Main Site Upgrades | Upgrades necessary at the Main tower site due to Repack Activities. |

Cost  
Information

Transmitters

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 |
|--------------------------------------------------------------|--------------------------------|-------------------|------------------------------------------------------------------|--------------|------------------------------|
| Interim<br>Transmitter N<br>/A                               | \$0.00                         | \$0.00            |                                                                  | \$0.00       |                              |
| UHF - Liquid<br>Cooled Solid<br>State<br>Transmitter 0<br>kW | <i>\$0.00</i>                  | \$0.00            | N/A                                                              | N/A          | N/A                          |
| Primary<br>Transmitter<br>ULXTE-72                           | \$1,699,750.00                 | \$1,461,606.41    |                                                                  | \$938,403.98 |                              |
| Ice Shield for<br>HVAC<br>Equipment                          | <i>\$8,000.00</i>              | \$8,000.00        | See<br>attached<br>KZJL Main<br>Transmitter<br>Cost<br>Estimate. | \$0.00       | N/A                          |
| Other --<br>Building<br>Addition Size:<br>1500.0             | <i>\$25,000.00</i>             | \$25,000.00       | See<br>attached<br>KZJL Main<br>Transmitter<br>Cost<br>Estimate. | \$0.00       | N/A                          |
| 25 Ton system                                                | \$91,500.00                    | \$87,000.00       | N/A                                                              | \$0.00       | N/A                          |

|                                                                                                                                                                                                                            |                     |                     |                                                                              |                    |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------|------------------------------------------------------------------------------|--------------------|-----|
| Other Electrical Service: The new main transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors. | <b>\$1,250.00</b>   | \$1,250.00          | N/A                                                                          | N/A                | N/A |
| 2" Rigid Conduit and Wiring (Cost per foot)                                                                                                                                                                                | \$26,000.00         | \$6,250.00          | See attached KZJL Main Transmitter Cost Estimate.                            | \$0.00             | N/A |
| Transformer 3 phase/480v - 300 KVA                                                                                                                                                                                         | \$36,800.00         | \$35,000.00         | N/A                                                                          | N/A                | N/A |
| UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW                                                                                                                                                                     | \$1,473,000.00      | \$1,290,031.41      | See attached GatesAir quote GA-00021324 for upgrade solid state transmitter. | \$938,403.98       | N/A |
| Switchgear - industrial 800 amp                                                                                                                                                                                            | \$38,200.00         | \$9,075.00          | See attached KZJL Main Transmitter Cost Estimate.                            | \$0.00             | N/A |
| <b>Auxiliary Transmitter UAXTE-2R37</b>                                                                                                                                                                                    | <b>\$179,300.00</b> | <b>\$171,050.00</b> |                                                                              | <b>\$54,504.81</b> |     |

|                                                                                                                                                                                                                                                                                       |                   |                |     |                |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------|-----|----------------|-----|
| 5 Ton system                                                                                                                                                                                                                                                                          | \$20,250.00       | \$19,250.00    | N/A | N/A            | N/A |
| Other<br>Electrical<br>Service: The<br>new auxiliary<br>transmitter will<br>require<br>reconfiguration<br>of the<br>electrical<br>service on<br>site. The<br>electrical work<br>cost has been<br>estimated<br>based on<br>verbal<br>guidance from<br>local electrical<br>contractors. | <b>\$7,500.00</b> | \$7,500.00     | N/A | N/A            | N/A |
| Transformer 3<br>phase/480v -<br>150 KVA                                                                                                                                                                                                                                              | \$25,550.00       | \$24,300.00    | N/A | N/A            | N/A |
| UHF - Air<br>Cooled Solid<br>State<br>Transmitter 1 -<br>2.5 kW                                                                                                                                                                                                                       | \$126,000.00      | \$120,000.00   | N/A | \$54,504.81    | N/A |
| <b>Sub-total</b>                                                                                                                                                                                                                                                                      | \$1,879,050.00    | \$1,632,656.41 | N/A | \$992,908.79   | N/A |
| <b>Total for all<br/>systems</b>                                                                                                                                                                                                                                                      | \$5,396,664.00    | \$2,758,577.08 | N/A | \$1,001,452.89 | N/A |

## Components

| Actual Information                               |                                                                                                     |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Description                                      | File Name                                                                                           |
| UHF - Liquid Cooled Solid State Transmitter 0 kW | Information not provided.                                                                           |
| Ice Shield for HVAC Equipment                    | <p><b>Component Description:</b> Ice Shield for HVAC Equipment</p> <p><b>Amount:</b> \$2,000.00</p> |

|                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Other -- Building Addition<br>Size: 1500.0                                                                                                                                                                                                         | <b>Component Description:</b> Building Addition<br>1500 SF<br><b>Amount:</b> \$8,333.00                                                                                                                          |
| 25 Ton system                                                                                                                                                                                                                                      | <b>Component Description:</b> 25 Ton HVAC<br>System<br><b>Amount:</b> \$6,583.34                                                                                                                                 |
| Other Electrical Service:<br>The new main transmitter<br>will require reconfiguration<br>of the electrical service on<br>site. The electrical work<br>cost has been estimated<br>based on verbal guidance<br>from local electrical<br>contractors. | Information not provided.                                                                                                                                                                                        |
| 2" Rigid Conduit and Wiring<br>(Cost per foot)                                                                                                                                                                                                     | <b>Component Description:</b> Capital<br>contribution-<br>Missouri City/30285<br>/Asset#30285-BTI<br>/OAA718460/<br>KZJL Channel 21<br>Phase 2/<br>Milestone 1/<br>Broadcast Repack<br><b>Amount:</b> \$2,083.33 |
| Transformer 3 phase/480v -<br>300 KVA                                                                                                                                                                                                              | Information not provided.                                                                                                                                                                                        |

|                                                                                                                                                                                                                                       |                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW                                                                                                                                                                                | <div> <b>Component Description:</b> New Primary Transmitter<br/> ULXTE-72 Transmitter </div> <div> <b>Amount:</b> \$495,924.05 </div>                                          |
|                                                                                                                                                                                                                                       | <div> <b>Component Description:</b> 1st Primary Transmitter - UHF Liquid Cooled Solid State </div> <div> <b>Amount:</b> \$442,479.93 </div>                                    |
| Switchgear - industrial 800 amp                                                                                                                                                                                                       | <div> <b>Component Description:</b> Reference KZJL-110-1st Primary Transmitter - 25 Ton HVAC System American Tower LLC 460200428 </div> <div> <b>Amount:</b> \$3,025.00 </div> |
| 5 Ton system                                                                                                                                                                                                                          | Information not provided.                                                                                                                                                      |
| Other Electrical Service:<br>The new auxiliary transmitter will require reconfiguration of the electrical service on site.<br>The electrical work cost has been estimated based on verbal guidance from local electrical contractors. | Information not provided.                                                                                                                                                      |
| Transformer 3 phase/480v - 150 KVA                                                                                                                                                                                                    | Information not provided.                                                                                                                                                      |

|                                                        |                               |                                              |
|--------------------------------------------------------|-------------------------------|----------------------------------------------|
| UHF - Air Cooled Solid<br>State Transmitter 1 - 2.5 kW |                               |                                              |
|                                                        | <b>Component Description:</b> | UAXTE-2<br>Transmitter                       |
|                                                        | <b>Amount:</b>                | \$26,172.78                                  |
|                                                        |                               |                                              |
|                                                        | <b>Component Description:</b> | New Auxiliary<br>Transmitter Down<br>Payment |
|                                                        | <b>Amount:</b>                | \$28,332.03                                  |

Cost  
Information

Antennas

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 |
|---------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------|------------------------------------|-------------|------------------------------|
| Interim<br>Antenna N<br>/A                                                                                    | \$247,000.00                   | \$0.00            |                                    | \$0.00      |                              |
| UHF - High<br>Power Top<br>Mount<br>(200-1000<br>kW), One<br>station<br>antenna,<br>horizontally<br>polarized | \$247,000.00                   | \$0.00            | N/A                                | N/A         | N/A                          |
| Primary<br>Antenna<br>PEPL42C                                                                                 | \$419,780.00                   | \$245,809.00      |                                    | \$0.00      |                              |
| Combiner<br>HVAC                                                                                              | \$24,667.00                    | \$24,667.00       | N/A                                | N/A         | N/A                          |
| Combiner<br>Space                                                                                             | \$33,333.00                    | \$33,333.00       | N/A                                | N/A         | N/A                          |
| Elbow<br>complex,<br>broadband,<br>at antenna<br>input, per 7<br>3/16.<br>feedline (if<br>needed)             | \$16,850.00                    | \$8,580.00        | N/A                                | \$0.00      | N/A                          |
| Combiner<br>output<br>splitting<br>/switching<br>for dual<br>feed lines,<br>if applicable                     | \$126,000.00                   | \$0.00            | N/A                                | N/A         | N/A                          |



|                                                                                                       |                     |                |                          |                |     |
|-------------------------------------------------------------------------------------------------------|---------------------|----------------|--------------------------|----------------|-----|
| New combiner, cost per channel (without antenna)                                                      | \$84,200.00         | \$44,562.00    | N/A                      | \$0.00         | N/A |
| Sweep test of existing antenna                                                                        | \$6,730.00          | \$6,667.00     | See attached Cost sheets | \$0.00         | N/A |
| UHF - High Power Top Mount Three Station broadband panel antenna elliptically or circularly polarized | <b>\$128,000.00</b> | \$128,000.00   | N/A                      | \$0.00         | N/A |
| <b>Sub-total</b>                                                                                      | \$666,780.00        | \$245,809.00   | N/A                      | \$0.00         | N/A |
| <b>Total for all systems</b>                                                                          | \$5,396,664.00      | \$2,758,577.08 | N/A                      | \$1,001,452.89 | N/A |

## Components

| Actual Information                                                                    |                                                                                             |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| Description                                                                           | File Name                                                                                   |
| UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized | Information not provided.                                                                   |
| Combiner HVAC                                                                         | Information not provided.                                                                   |
| Combiner Space                                                                        | Information not provided.                                                                   |
| Elbow complex, broadband, at antenna input, per 7 3/16. feedline (if needed)          | <p><b>Component Description:</b> Elbow Complex 7 3/16"</p> <p><b>Amount:</b> \$8,580.00</p> |

|                                                                                                                   |                               |                                          |
|-------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------------------------|
| Combiner output splitting<br>/switching for dual feed lines,<br>if applicable                                     | Information not provided.     |                                          |
| New combiner, cost per<br>channel (without antenna)                                                               | <b>Component Description:</b> | Combiner                                 |
|                                                                                                                   | <b>Amount:</b>                | \$11,140.48                              |
| Sweep test of existing<br>antenna                                                                                 | <b>Component Description:</b> | Sweep Test                               |
|                                                                                                                   | <b>Amount:</b>                | \$1,666.67                               |
| UHF - High Power Top<br>Mount Three Station<br>broadband panel antenna<br>elliptically or circularly<br>polarized | <b>Component Description:</b> | UHF High Power<br>Top Mount<br>broadband |
|                                                                                                                   | <b>Amount:</b>                | \$32,000.00                              |

Cost  
Information

Transmission Line

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

| Description                                         | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost    | Actual Cost Justification |
|-----------------------------------------------------|-----------------------------|----------------|------------------------------|----------------|---------------------------|
| Primary Transmission Line                           | \$1,398,600.00              | \$303,030.00   |                              | \$0.00         |                           |
| Rigid Transmission Line - copper, 7 3/16" broadband | \$1,398,600.00              | \$303,030.00   | N/A                          | \$0.00         | N/A                       |
| Sub-total                                           | \$1,398,600.00              | \$303,030.00   | N/A                          | \$0.00         | N/A                       |
| Total for all systems                               | \$5,396,664.00              | \$2,758,577.08 | N/A                          | \$1,001,452.89 | N/A                       |

Components

| Actual Information                                  |                                                                                                                                                    |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Description                                         | File Name                                                                                                                                          |
| Rigid Transmission Line - copper, 7 3/16" broadband | <div><div>Component Description:</div><div>Rigid Transmission Line - copper, 7 3/16" broadband</div><div>Amount:</div><div>\$77,007.50</div></div> |

## 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 |
|----------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------|--------------------------------------------------|---------------|---------------------------|
| <b>Auxiliary Tower GTOWER</b>                                                                                              | <b>\$210,500.00</b>         | <b>\$0.00</b>       |                                                  | <b>\$0.00</b> |                           |
| Tall Tower (greater than 500')                                                                                             | \$210,500.00                | \$0.00              | N/A                                              | N/A           | N/A                       |
| <b>Primary Tower GTOWER</b>                                                                                                | <b>\$892,450.00</b>         | <b>\$250,957.00</b> |                                                  | <b>\$0.00</b> |                           |
| Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study | \$26,300.00                 | \$6,200.00          | See attached KZJL Main Transmitter Cost Estimate | \$0.00        | N/A                       |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas)                                      | \$421,000.00                | \$120,607.00        | See attached KZJL Main Transmitter Cost Estimate | \$0.00        | N/A                       |
| Ground Permit Drawings                                                                                                     | <b><i>\$4,700.00</i></b>    | \$4,700.00          | N/A                                              | \$0.00        | N/A                       |

|                                          |                    |                |                                                  |                |     |
|------------------------------------------|--------------------|----------------|--------------------------------------------------|----------------|-----|
| Structural Analysis                      | <b>\$4,750.00</b>  | \$4,750.00     | See attached KZJL Main Transmitter Cost Estimate | \$0.00         | N/A |
| Tower Permit Drawings                    | <b>\$4,700.00</b>  | \$4,700.00     | N/A                                              | \$0.00         | N/A |
| Construction Management                  | <b>\$10,000.00</b> | \$10,000.00    | N/A                                              | \$0.00         | N/A |
| Major tower reinforcement /modifications | \$421,000.00       | \$100,000.00   | See attached KZJL Main Transmitter Cost Estimate | N/A            | N/A |
| <b>Sub-total</b>                         | \$1,102,950.00     | \$250,957.00   | N/A                                              | \$0.00         | N/A |
| <b>Total for all systems</b>             | \$5,396,664.00     | \$2,758,577.08 | N/A                                              | \$1,001,452.89 | N/A |

## Components

| Actual Information                                                                                                        |                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Description                                                                                                               | File Name                                                                                                                        |
| Tall Tower (greater than 500')                                                                                            | Information not provided.                                                                                                        |
| Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study | <p><b>Component Description:</b> Tower Mapping for an Undocumented /Poorly Documented Tower</p> <p><b>Amount:</b> \$1,550.00</p> |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas)                                     | <p><b>Component Description:</b> Complex Tower, Tower Equipment and Rigging Costs</p> <p><b>Amount:</b> \$30,431.89</p>          |

|                                          |                                                                                                                                         |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Ground Permit Drawings                   | <div> <div>Component Description:</div> <div>Ground Permit Drawings</div> </div> <div> <div>Amount:</div> <div>\$1,175.00</div> </div>  |
| Structural Analysis                      | <div> <div>Component Description:</div> <div>Structural Analysis</div> </div> <div> <div>Amount:</div> <div>\$1,187.50</div> </div>     |
| Tower Permit Drawings                    | <div> <div>Component Description:</div> <div>Tower Permit Drawings</div> </div> <div> <div>Amount:</div> <div>\$1,175.00</div> </div>   |
| Construction Management                  | <div> <div>Component Description:</div> <div>Construction Management</div> </div> <div> <div>Amount:</div> <div>\$5,495.00</div> </div> |
| Major tower reinforcement /modifications | Information not provided.                                                                                                               |

Cost  
Information

Outside Professional Services

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

| Description                                                                      | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|----------------------------------------------------------------------------------|-----------------------------|----------------|------------------------------|-------------|---------------------------|
| Outside Professional Services                                                    | \$234,829.00                | \$212,234.67   |                              | \$8,544.10  |                           |
| Migratory Bird Assessment                                                        | <i>\$438.00</i>             | \$438.00       | N/A                          | \$0.00      | N/A                       |
| RF System Test                                                                   | <i>\$5,000.00</i>           | \$5,000.00     | N/A                          | \$0.00      | N/A                       |
| Site Coordination Meeting                                                        | <i>\$1,250.00</i>           | \$1,250.00     | N/A                          | \$0.00      | N/A                       |
| Attorney Fees - Prepare and File request for Special Temporary Authorization     | \$7,360.00                  | \$7,000.00     | N/A                          | \$0.00      | N/A                       |
| Prepare request for Special Temporary Authorization                              | \$4,100.00                  | \$3,000.00     | N/A                          | N/A         | N/A                       |
| Address transition timing and coordination issues w/ other stations and wireless | \$2,630.00                  | \$2,500.00     | N/A                          | \$0.00      | N/A                       |
| Prepare and or review reimbursement form                                         | \$2,630.00                  | \$2,500.00     | 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                                             | N/A    | N/A |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application      | \$1,580.00 | \$1,500.00 | N/A                                             | N/A    | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00 | \$5,000.00 | 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 - Negotiation of lease and other matters for shared locations            | \$4,210.00 | \$4,000.00 | N/A                                             | N/A    | N/A |
| NEPA Section 106 environmental review, if needed                                       | \$6,310.00 | \$1,350.00 | Tower owner is passing this cost to the Station | \$0.00 | N/A |



|                                                                                                           |                    |                |                                                                                                            |                |     |
|-----------------------------------------------------------------------------------------------------------|--------------------|----------------|------------------------------------------------------------------------------------------------------------|----------------|-----|
| Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet | \$10,520.00        | \$10,000.00    | N/A                                                                                                        | N/A            | N/A |
| ASR modification (prepare FCC Form 854)                                                                   | \$2,105.00         | \$166.67       | Tower owner is passing this cost to the station                                                            | \$0.00         | N/A |
| RF Exposure Measurements                                                                                  | \$21,050.00        | \$20,000.00    | N/A                                                                                                        | \$0.00         | N/A |
| Additional Field Engineering Service, 10 Days                                                             | <b>\$20,000.00</b> | \$20,000.00    | N/A                                                                                                        | N/A            | N/A |
| Perform engineering study for new channel assignment and antenna development                              | \$7,360.00         | \$7,000.00     | N/A                                                                                                        | \$0.00         | N/A |
| Project management of the transition                                                                      | \$127,506.00       | \$116,280.00   | \$106,800 Overall project Management + \$9,480 Additional per Towers owner See attached KZJL Cost Estimate | \$8,544.10     | N/A |
| <b>Sub-total</b>                                                                                          | \$234,829.00       | \$212,234.67   | N/A                                                                                                        | \$8,544.10     | N/A |
| <b>Total for all systems</b>                                                                              | \$5,396,664.00     | \$2,758,577.08 | N/A                                                                                                        | \$1,001,452.89 | N/A |

## Components

| Actual Information                                                                     |                                                                                    |  |
|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--|
| Description                                                                            | File Name                                                                          |  |
| Migratory Bird Assessment                                                              | <b>Component Description:</b> Migratory Bird Assessment<br><b>Amount:</b> \$109.38 |  |
| RF System Test                                                                         | <b>Component Description:</b> RF System Test<br><b>Amount:</b> \$1,250.00          |  |
| Site Coordination Meeting                                                              | <b>Component Description:</b> Site Coordination Meeting<br><b>Amount:</b> \$312.50 |  |
| Attorney Fees - Prepare and File request for Special Temporary Authorization           | Information not provided.                                                          |  |
| Prepare request for Special Temporary Authorization                                    | Information not provided.                                                          |  |
| Address transition timing and coordination issues w/ other stations and wireless       | Information not provided.                                                          |  |
| Prepare and or review reimbursement form                                               | Information not provided.                                                          |  |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application   | Information not provided.                                                          |  |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application      | Information not provided.                                                          |  |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | Information not provided.                                                          |  |

|                                                                                                           |                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application                        | Information not provided.                                                                                                                                    |
| Attorney Fees - Negotiation of lease and other matters for shared locations                               | Information not provided.                                                                                                                                    |
| NEPA Section 106 environmental review, if needed                                                          | <div> <div>Component Description:</div> <div>NEPA Section 106 environmental review</div> </div> <div> <div>Amount:</div> <div>\$337.50</div> </div>          |
| Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet | Information not provided.                                                                                                                                    |
| ASR modification (prepare FCC Form 854)                                                                   | <div> <div>Component Description:</div> <div>ASR Modification</div> </div> <div> <div>Amount:</div> <div>\$41.67</div> </div>                                |
| RF Exposure Measurements                                                                                  | <div> <div>Component Description:</div> <div>RF Exposure Measurements</div> </div> <div> <div>Amount:</div> <div>\$937.50</div> </div>                       |
| Additional Field Engineering Service, 10 Days                                                             | Information not provided.                                                                                                                                    |
| Perform engineering study for new channel assignment and antenna development                              | <div> <div>Component Description:</div> <div>Engineering Study for New Channel Assignment</div> </div> <div> <div>Amount:</div> <div>\$1,250.00</div> </div> |

Project management of the transition

**Component Description:** Project Management  
**Amount:** \$3,167.75

**Component Description:** Project Management  
**Amount:** \$57.00

**Component Description:** Project Management  
**Amount:** \$1,144.50

**Component Description:** Project Management  
**Amount:** \$2,615.30

**Component Description:** Project Management  
**Amount:** \$262.50

**Component Description:** Project Management  
**Amount:** \$1,297.05

## Cost Information

### Other Expenses

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

| Description                                                              | Predetermined Cost Estimate | Estimated Cost      | Estimated Cost Justification                      | Actual Cost   | Actual Cost Justification |
|--------------------------------------------------------------------------|-----------------------------|---------------------|---------------------------------------------------|---------------|---------------------------|
| <b>Other Expenses</b>                                                    | <b>\$114,455.00</b>         | <b>\$113,890.00</b> |                                                   | <b>\$0.00</b> |                           |
| Main Site Upgrades                                                       | <i>\$11,375.00</i>          | \$11,375.00         | See attached KZJL Main Transmitter Cost Estimate. | N/A           | N/A                       |
| Site Security                                                            | <i>\$6,000.00</i>           | \$6,000.00          | See attached KZJL Main Transmitter Cost Estimate. | \$0.00        | N/A                       |
| MVPD Notification of Channel Change                                      | <i>\$2,000.00</i>           | \$2,000.00          | N/A                                               | N/A           | N/A                       |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <i>\$25,000.00</i>          | \$25,000.00         | Station Estimate                                  | N/A           | N/A                       |
| Non-zoning permits                                                       | <i>\$8,000.00</i>           | \$8,000.00          | N/A                                               | \$0.00        | N/A                       |
| Local Zoning                                                             | <i>\$10,000.00</i>          | \$10,000.00         | N/A                                               | \$0.00        | N/A                       |
| FCC Filing Fees - Special Temporary Authorization request                | \$195.00                    | \$190.00            | N/A                                               | N/A           | N/A                       |

|                                                          |                    |                |     |                |     |
|----------------------------------------------------------|--------------------|----------------|-----|----------------|-----|
| FCC Filing Fees - Form 2100 license to cover application | \$335.00           | \$325.00       | N/A | N/A            | N/A |
| DTV Medical Facility Notification                        | \$11,550.00        | \$11,000.00    | N/A | N/A            | N/A |
| Equipment Delivery and Handling Charges                  | <b>\$25,000.00</b> | \$25,000.00    | N/A | \$0.00         | N/A |
| Develop and air announcement of upcoming channel change  | <b>\$15,000.00</b> | \$15,000.00    | N/A | N/A            | N/A |
| <b>Sub-total</b>                                         | \$114,455.00       | \$113,890.00   | N/A | \$0.00         | N/A |
| <b>Total for all systems</b>                             | \$5,396,664.00     | \$2,758,577.08 | N/A | \$1,001,452.89 | N/A |

## Components

| Actual Information                                                       |                                                                          |
|--------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Description                                                              | File Name                                                                |
| Main Site Upgrades                                                       | Information not provided.                                                |
| Site Security                                                            | <b>Component Description:</b> Site Security<br><b>Amount:</b> \$1,968.75 |
| MVPD Notification of Channel Change                                      | Information not provided.                                                |
| Disposal Costs (for equipment and other waste, net of any salvage value) | Information not provided.                                                |

|                                                           |                                                                                                                                    |
|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Non-zoning permits                                        | <div> <div>Component Description:</div> <div>Non-Zoning Permits</div> </div> <div> <div>Amount:</div> <div>\$333.33</div> </div>   |
| Local Zoning                                              | <div> <div>Component Description:</div> <div>Local Zoning</div> </div> <div> <div>Amount:</div> <div>\$187.50</div> </div>         |
| FCC Filing Fees - Special Temporary Authorization request | Information not provided.                                                                                                          |
| FCC Filing Fees - Form 2100 license to cover application  | Information not provided.                                                                                                          |
| DTV Medical Facility Notification                         | Information not provided.                                                                                                          |
| Equipment Delivery and Handling Charges                   | <div> <div>Component Description:</div> <div>Equipment Delivery</div> </div> <div> <div>Amount:</div> <div>\$1,708.33</div> </div> |
| Develop and air announcement of upcoming channel change   | Information not provided.                                                                                                          |

|                  |                       |                             |                |
|------------------|-----------------------|-----------------------------|----------------|
| Cost Information | Grand Total           |                             |                |
|                  |                       | Predetermined Cost Estimate | Estimated Cost |
|                  |                       |                             | Actual Cost    |
|                  | Total for all systems | \$5,396,664.00              | \$2,758,577.08 |
|                  |                       |                             | \$1,001,452.89 |

|                      |                                                                                                                                                                                                                    |          |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 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>Michael<br/>Everett<br/>Todd</b><br/><i>Chief<br/>Engineer</i></p> <p>12/03/2018</p> |

## Attachments