



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **2495** | Service: **DTV** | Call **KVEW** | Channel: **27 (UHF)** |  
ID: | Sign:  
File **0000028222**  
Number:  
FRN: **0001575497** | Date **07/11**  
Submitted: **/2017**

## Applicant Information

### Applicant Name, Type, and Contact Information

| Applicant                              | Address             | Phone             | Email             | Applicant Type |
|--|---------------------|-------------------|-------------------|----------------|
| <b>APPLE VALLEY BROADCASTING, INC.</b> | Brian P. Lubanski   | +1 (509) 735-8369 | BRIANP@KAPPTV.COM | Corporation    |
| Doing Business As:                     | 601 N. EDISON       |                   |                   |                |
| APPLE VALLEY BROADCASTING, INC.        | KENNEWICK, WA 99336 |                   |                   |                |
|  | United States       |                   |                   |                |

## 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>Tim A Anderson</b>           | Tim A. Anderson       | +1 (509) 324-4000 | Tima@kxly.com |
| DE                              | 500 West Boone Avenue |                   |               |
| Apple Valley Broadcasting, Inc. | Spokane, WA 99201     |                   |               |
|                                 | United States         |                   |               |

**Broadcaster  
Information  
and  
Transition  
Plan**

| Question   | Response   |
|--|--|
| Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information. | No   |
| Briefly describe transition plan   | Strengthen existing single tower. Mount temporary side-mount Ch 44 digital antenna and feedline to tower. Remove existing Ch 44 top mount antenna and replace with Ch 27 top mount. Prewire and plumb new Ch 27 transmitter and cut over to new Ch 27 ops. |

**Transmitters**

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

**Primary  
Transmitter**

**Existing Transmitter Information**

| Section   | Question   | Response          |
|---|--|-------------------|
| <b>Existing Transmitter<br/>Description</b>           | Type of change   | Purchase<br>New   |
|   | Use  | Primary<br>(Main) |
|   | Description of Use   | N/A               |
|   | Ownership  | Owned             |
|   | Owner  | N/A               |
|   | Site   | N/A               |
|   | Is this transmitter currently shared with another station? | No                |
|   | Is this transmitter currently in operating condition?      | Yes               |
| <b>Existing Transmitter<br/>Manufacturer and Type</b> | Manufacturer   |                   |
|   | Model  | Diamond<br>CD     |
|   | Year   | 2003              |
|   | Type   | Solid State       |
|   | Solid State Cooling  | Air Cooled        |
|   | Solid State Power Capacity                                 | 7.25 kW           |

**Primary  
Transmitter**

**New Transmitter Costs**

| Section         | Question                                  | Response  |
|-----------------|---|---|
| New Transmitter | Use                                       | Primary (Main)  |
|                 | Change Type                               | Purchase New  |
|                 | Is this a request for upgraded equipment? | No  |
|                 | Manufacturer                              |   |
|                 | Model                                     | UAXTE-16  |
|                 | Transmitter Type                          | Solid State   |
|                 | Solid State Cooling                       | Air Cooled  |
|                 | Solid State Power capacity                | 9.6 kW  |
|                 | Justification for New Transmitter         | Existing transmitter cannot be retuned to Repack frequency. This model most nearly matches the existing unit. |

**Primary  
Transmitter**

**Other Transmitter Costs**

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

|  |   |  |
|--|---|--|
|  | Length  | 75.0 feet  |
|  | Other Electrical Service  | Yes  |
|  | Description   | Modifications to breaker panels and addition of a three phase AC surge suppressor. Existing generator outputs 480 volts. 208 volt generator necessary for new transmitter. |
| <b>HVAC Service</b>  | Does the replacement transmitter require HVAC Service?  | Yes  |
|  | Type  | Cooling Only   |
|  | Size  | 10 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  | 100.0 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                         |
|---------------------|-------------------------------------|
| Digital Mask Filter | Ch 27 Stringent Digital Mask Filter |

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**Remote Control**

A new Burk Technology ARC Plus remote transmitter, Genset and HVAC monitoring system will be necessary.

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**Antennas**

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

**Primary  
Antenna**

**Existing Antenna Information**

| Section   | Question   | Response           |
|---|--|--------------------|
| <b>Existing Antenna<br/>Description</b>           | Type of change   | Purchase<br>New    |
|   | Antenna Use  | Primary<br>(Main)  |
|   | Description of Use   | N/A                |
|   | Ownership  | Owned              |
|   | Owner  | N/A                |
|   | Site   | N/A                |
|   | Is the existing antenna shared with another station or stations? | No                 |
|   | Is the existing antenna directional?                             | No                 |
|   | Is antenna in operating condition?                               | Yes                |
|   | Is antenna located on or in close proximity to an antenna farm?  | No                 |
| <b>Existing 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   | N/A                |
|   | Design power capacity in use                                     | N/A                |
|   | Lower Limit  | N/A                |
|   | Upper Limit  | N/A                |
|   | Other Antenna Type   | N/A                |
|   | ERP: (Effective Radiated Power)<br>.....                         | 160.0 kW           |
|   |  |                    |



|              |               |
|--------------|---------------|
| Manufacturer |               |
| Model        | TFU-30GTH-R04 |
| Year         | 2009          |

Primary  
Antenna

New Antenna Costs

| Section                            | Question   | Response        |
|------------------------------------|--|-----------------|
| New Antenna Description            | Use  | Primary (Main)  |
|                                    | Description of Use   | N/A             |
|                                    | Change Type  | Purchase New    |
|                                    | Is this a request for upgraded equipment?                            | Yes             |
|                                    | Ownership  | Owned           |
|                                    | Owner  | N/A             |
|                                    | Is antenna shared?   | No              |
|                                    | Is antenna directional?  | No              |
|                                    | Will antenna be located on or in close proximity to an antenna farm? | No              |
| New Antenna Manufacturer and Types | Class  | Full Power      |
|                                    | Mounting   | Top Mount       |
|                                    | Antenna position in stack  | Not in Stack    |
|                                    | Polarization   | Elliptical      |
|                                    | Type   | Slotted Coaxial |
|                                    | Number of Stations Supported   | N/A             |
|                                    | Number of Panels/Bays  | N/A             |
|                                    | Lower Limit  | N/A             |
|                                    | Upper Limit  | N/A             |
|                                    | Design power capacity in use   | N/A             |
|                                    | Other Antenna Type   | N/A             |
|                                    | ERP: (Effective Radiated Power)<br>.....                             | 114.0 kW        |
|                                    | Manufacturer   |                 |
|                                    |  |                 |

|                               |   |
|-------------------------------|---|
| Model                         | TFU-30GTH<br>/VP R 04   |
| Year                          | 2017  |
| Justification for New Antenna | Existing Ch 44 antenna is not retuneable to Ch 27 Repack frequency. |

## Primary Antenna

### Other Antenna Costs

| Section                            | Question  | Response |
|------------------------------------|---|----------|
| <b>Combiner for Shared Antenna</b> | Do you need a Combiner for a Shared Antenna?  | No       |
|                                    | Type  |          |
|                                    | Number of channels supported  | N/A      |
|                                    | Frequencies of channels supported   | N/A      |
|                                    | Frequency   | N/A      |
|                                    | Do you need a combiner output splitter /switcher for dual feed lines?                                       | N/A      |
| <b>Elbow Complex</b>               | Do you require the separate purchase of the Elbow Complex?  | No       |
|                                    | Broadband or Single Channel?  | N/A      |
|                                    | Feed Line Size  | N/A      |
| <b>Side Mount Brackets</b>         | Do you require the separate purchase of side mount brackets for a high power antenna?                       | No       |
| <b>Pattern Scatter Analysis</b>    | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | No       |
| <b>Sweep Test</b>                  | Do you require the sweep testing of transmission line and antenna?  | Yes      |

**Primary  
Antenna**

**Other Antenna Cost Not Listed**

| Name             | Description  |
|------------------|--|
| LED Lighting Kit | New antenna will require replacement bi-color LED beacon attached. |

**Transmission Line**

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

**Primary Transmission Line****Existing Transmission Line**

| Section  | Question   | Response         |
|--|--|------------------|
| Existing Transmission Line Description           | Type of change   | Utilize Existing |
|  | Use  | Primary (Main)   |
|  | Description of Use   | N/A              |
|  | Ownership  | Owned            |
|  | Owner  | N/A              |
|  | Site   | N/A              |
|  | Is the existing transmission line shared with another station or stations? | No               |
|  | Is Transmission Line in operating condition?                               | Yes              |
| Existing Transmission Line Manufacturer and Type | Manufacturer   | Dielectric       |
|  | Type   | Rigid            |
|  | Diameter   | 3 1/8 inches     |
|  | Other Diameter   | N/A              |
|  | Segment Length   | 20 inches        |
|  | Other Segment Length   | N/A              |
|  | Number of parallel runs  | 1                |
|  | Length   | 300 feet per run |

Primary  
Transmission Line

Other Transmission Line Expenses Not Listed

| Name                    | Description   |
|-------------------------|---|
| 90 degree 3 inch elbows | New 90 degree elbows will be needed to direct transmission line into new filter and transmitter locations.            |
| Dummy Load              | Station will need a 25 kW Dummy Load in order to commission the new Ch 27 transmitter prior to placing it on the air. |
| 4 Port RF Patch Panel   | 4 Port RF patch panel required to efficiently reroute transmitters between main and side mount antennas.              |

**Tower Equipment And Rigging Costs**

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

**Primary Tower**

**Existing Tower**

| Section  | Question  | Response                                 |
|--|---|--|
| Existing Tower Description                         | Type of change  | Modify Existing                          |
|  | Tower Use   | Primary (Main)                           |
|  | Description of Use                                      | N/A                                      |
|  | Ownership   | Owned                                    |
|  | Is this tower consider Complex?                         | No                                       |
|  | Is this tower currently shared with any other stations? | No                                       |
|  | One or more FM, AM or TV radio broadcaster(s)           | N/A                                      |
|  | Others Types of Users                                   | N/A                                      |
|  | Is tower documented for structural analysis?            | Yes                                      |
|  | Is tower compliant with Rev G?                          | Yes                                      |
| Existing Tower Structure Registration              | Do you have a tower registration number?                | Yes                                      |
|  | ASR Number  | 1263786                                  |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83)  | 46° 06' 11.4" N-                         |
|  | Longitude (NAD83)                                       | 119° 08' 00.6" W-                        |
|  | Overall Structure Height                                | 271.98 feet                              |
|  | Support Structure Height                                | 220.14 feet                              |
|  | Ground Elevation Above Mean Sea Level (AMSL)            | 2129.90 feet                             |
|  | Structure Type  | TOWER - Free Standing or Guyed Structure |

|  |                  |                                       |
|--|------------------|---------------------------------------|
|  | Tower Owner      | APPLE VALLEY<br>BROADCASTING,<br>INC. |
|  | Date Constructed | 10/08/2008                            |

**Primary  
Tower**

**Tower Modification Costs**

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

**Primary  
Tower**

**Tower Rigging Costs**

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

**Primary  
Tower**

**Other Tower Expenses Not Listed**

| Name               | Description  |
|--------------------|--|
| Re-Guying of Tower | Existing tower will need upsizing of guy wires to support increased weight and length of new Ch 27 Repack antenna. |



**Outside  
Professional Services Costs**

| Section   | Question   | Response  |
|---|--|---|
| <b>Outside Project Management Services</b>        | Do you require outside project management services?                          | Yes   |
|   | Number of Hours  | 40  |
|   | Explanation  | Manufacturer to provide an on-site engineer to assist in the installation, commissioning and compilation of data for a proof of performance report. |
| <b>Outside RF consulting Engineering Services</b> | Perform engineering study for new channel assignment and antenna development | Yes   |
|   | Prepare engineering section of Form FCC Construction Permit Application      | Yes   |
|   | For Auxiliary Facility   | Yes   |
|   | For Main Facility  | Yes   |
|   | Prepare engineering section of Form FCC License to Cover Application         | Yes   |
|   | For Auxiliary Facility   | Yes   |
|   | For Main Facility  | Yes   |
|   | Prepare request for Special Temporary Authority                              | Yes   |
|   | Quantity   | 1   |
|   | Do you have Distributed Transmission System engineering services?            | N/A   |
|   | Critical Facility  | N/A   |
|   | Terrain-Shielded Facility  | N/A   |

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

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

**Professional Services Costs**

| Name                          | Description   |
|-------------------------------|---|
| <b>Electrical Engineer</b>    | Design, documentation and seal for Washington State Labor and Industries construction permit. Needed for transmitter building wiring modifications. |
| <b>Communication Engineer</b> | Hatfield and Dawson Engineering, Seattle, WA will assist in many areas in the preparation and implementation of this Repack rechanneling process.   |
| <b>Structural Engineer</b>    | TEC Engineering, Seattle, WA will assist in the upsizing of the current tower to meet the increased weight and length of the new Ch 27 antenna.     |

## 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?                                      | No       |
| <b>Permit and Filing Costs</b>      | Local Zoning   | No       |
|                                     | 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  |
|--|--|
| <b>Ch 26 Stringent Digital Mask Filter</b> | Current First Adjacent full power television station operates on Ch 26, first lower adjacent channel to the KVEW-TV repack Ch 27. A stringent digital mask filter will need to be added to their facility to protect Ch 27's predicted coverage. |

## Cost Information

### Transmitters

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

| Description  | Predetermined Cost Estimate | Estimated Cost      | Estimated Cost Justification         | Actual Cost   | Actual Cost Justification |
|--|-----------------------------|---------------------|--------------------------------------|---------------|---------------------------|
| <b>Primary Transmitter UAXTE-16</b>  | <b>\$420,305.00</b>         | <b>\$407,105.00</b> |                                      | <b>\$0.00</b> |                           |
| Other Electrical Service: Modifications to breaker panels and addition of a three phase AC surge suppressor. Existing generator outputs 480 volts. 208 volt generator necessary for new transmitter. | <i>\$35,000.00</i>          | \$35,000.00         | N/A                                  | N/A           | N/A                       |
| UHF - Air Cooled Solid State Transmitter 9.6 kW  | <i>\$309,985.00</i>         | \$309,985.00        | Manufacturer's quote from 3/9 /2017. | N/A           | N/A                       |
| 3" Rigid Conduit and Wiring (Cost per foot)  | \$3,900.00                  | \$3,600.00          | N/A                                  | N/A           | N/A                       |
| 10 Ton system  | \$38,900.00                 | \$26,000.00         | N/A                                  | N/A           | N/A                       |

|   |                    |                |  |        |     |
|---|--------------------|----------------|--|--------|-----|
| Other --<br>Building<br>Addition<br>Size: 100.0 | <b>\$1,500.00</b>  | \$1,500.00     | N/A  | N/A    | N/A |
| Digital Mask<br>Filter                          | <b>\$25,220.00</b> | \$25,220.00    | Ch 27<br>Stringent<br>Digital Mask<br>Filter is<br>necessary to<br>protect<br>existing Ch 26<br>coverage area. | N/A    | N/A |
| Remote<br>Control                               | <b>\$5,800.00</b>  | \$5,800.00     | N/A  | N/A    | N/A |
| <b>Sub-total</b>                                | \$420,305.00       | \$407,105.00   | N/A  | \$0.00 | N/A |
| <b>Total for all<br/>systems</b>                | \$1,202,152.00     | \$1,034,752.00 | N/A  | \$0.00 | N/A |

## Components

Information not provided.

## Cost Information

### Antennas

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

| Description  | Predetermined Cost Estimate | Estimated Cost        | Estimated Cost Justification                   | Actual Cost   | Actual Cost Justification |
|--|-----------------------------|-----------------------|--|---------------|---------------------------|
| <b>Primary Antenna TFU-30GTH/VP R 04</b>   | <b>\$303,592.00</b>         | <b>\$385,862.00</b>   |  | <b>\$0.00</b> |                           |
| Sweep test of existing antenna   | \$6,730.00                  | \$0.00                | N/A  | N/A           | N/A                       |
| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized | \$289,500.00                | \$378,500.00          | Price quote from manufacturer dated 4/4 /2017. | N/A           | N/A                       |
| LED Lighting Kit   | <b>\$7,362.00</b>           | \$7,362.00            | N/A  | N/A           | N/A                       |
| <b>Sub-total</b>   | <b>\$303,592.00</b>         | <b>\$385,862.00</b>   | N/A  | <b>\$0.00</b> | N/A                       |
| <b>Total for all systems</b>   | <b>\$1,202,152.00</b>       | <b>\$1,034,752.00</b> | N/A  | <b>\$0.00</b> | N/A                       |

### Components

Information not provided.



Cost  
Information

Transmission Line

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

| Description               | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification   | Actual Cost | Actual Cost Justification |
|---------------------------|-----------------------------|----------------|--|-------------|---------------------------|
| Primary Transmission Line | \$9,220.00                  | \$9,220.00     |  | \$0.00      |                           |
| 4 Port RF Patch Panel     | <i>\$2,000.00</i>           | \$2,000.00     | Required to efficiently switch transmitters between top and side mount antennas and dummy load for testing and on-air switching. | N/A         | N/A                       |
| Dummy Load                | <i>\$6,720.00</i>           | \$6,720.00     | N/A  | N/A         | N/A                       |
| 90 degree 3 inch elbows   | <i>\$500.00</i>             | \$500.00       | N/A  | N/A         | N/A                       |
| Sub-total                 | \$9,220.00                  | \$9,220.00     | N/A  | \$0.00      | N/A                       |
| Total for all systems     | \$1,202,152.00              | \$1,034,752.00 | N/A  | \$0.00      | N/A                       |

Components

Information not provided.

Cost  
Information

Tower Equipment and Rigging Costs

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

| Description   | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification  | Actual Cost | Actual Cost Justification |
|---|-----------------------------|----------------|---|-------------|---------------------------|
| Primary Tower TOWER   | \$269,800.00                | \$111,000.00   |   | \$0.00      |                           |
| Re-Guying of Tower  | <i>\$15,000.00</i>          | \$15,000.00    | N/A   | N/A         | N/A                       |
| Short Tower (less than 500')                                      | \$84,200.00                 | \$70,000.00    | N/A   | N/A         | N/A                       |
| Minor tower reinforcement /modifications                          | \$158,000.00                | \$10,000.00    | Minor hardware upgrades or replacements necessary during change out of top mounted antennas.              | N/A         | N/A                       |
| Structural engineering tower load study for well documented tower | \$12,600.00                 | \$16,000.00    | On site engineering monitoring necessary during tower modifications due to sloping terrain at tower site. | N/A         | N/A                       |
| Sub-total   | \$269,800.00                | \$111,000.00   | N/A   | \$0.00      | N/A                       |
| Total for all systems   | \$1,202,152.00              | \$1,034,752.00 | N/A   | \$0.00      | N/A                       |

Components

Information not provided.

## Cost Information

### Outside Professional Services

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

| Description   | Predetermined Cost Estimate | Estimated Cost     | Estimated Cost Justification   | Actual Cost   | Actual Cost Justification |
|---|-----------------------------|--------------------|--|---------------|---------------------------|
| <b>Outside Professional Services</b>  | <b>\$151,355.00</b>         | <b>\$73,700.00</b> |  | <b>\$0.00</b> |                           |
| Perform engineering study for new channel assignment and antenna development      | \$7,360.00                  | \$2,000.00         | 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                       |
| Project management of the transition  | \$6,320.00                  | \$16,000.00        | Manufacture's on-site engineering to assist in assembly, configuring, commissioning and collection of data for final proof of performance on Repack channel. | N/A           | N/A                       |
| Prepare and or review reimbursement form  | \$2,630.00                  | \$2,500.00         | N/A  | N/A           | N/A                       |

|  |            |            |   |     |     |
|--|------------|------------|---|-----|-----|
| ASR<br>modification<br>(prepare FCC<br>Form 854)   | \$2,105.00 | \$225.00   | N/A   | N/A | N/A |
| Address<br>transition<br>timing and<br>coordination<br>issues w/ other<br>stations and<br>wireless   | \$2,630.00 | \$1,500.00 | Engineering<br>time and Per<br>Diem to meet<br>with Ch 26<br>engineering<br>staff and<br>coordinate<br>installation of<br>new Ch 26<br>stringent mask<br>filter at their<br>facility. | N/A | N/A |
| Prepare<br>engineering<br>section of FCC<br>Form 2100<br>(main),<br>Construction<br>Permit<br>Application  | \$3,155.00 | \$1,500.00 | N/A   | N/A | N/A |
| RF Consulting<br>Engineer Fees-<br>Aux Antenna:<br>Prepare<br>engineering<br>section of FCC<br>Form 2100,<br>Construction<br>Permit<br>Application | \$2,105.00 | \$1,500.00 | N/A   | N/A | N/A |
| RF Consulting<br>Engineer Fees-<br>Aux Antenna:<br>Prepare<br>engineering<br>section of FCC<br>Form 2100,<br>License to<br>Cover<br>Application    | \$1,580.00 | \$500.00   | N/A   | N/A | N/A |

|   |             |            |     |     |     |
|---|-------------|------------|-----|-----|-----|
| Prepare request for Special Temporary Authorization   | \$2,050.00  | \$1,000.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application                    | \$5,260.00  | \$5,000.00 | N/A | N/A | N/A |
| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application        | \$4,210.00  | \$4,000.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application                       | \$2,365.00  | \$2,250.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File request for Special Temporary Authorization                              | \$3,680.00  | \$3,500.00 | N/A | N/A | N/A |
| Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet | \$10,520.00 | \$0.00     | N/A | N/A | N/A |

|  |                   |                |     |        |     |
|--|-------------------|----------------|-----|--------|-----|
| FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase | \$2,105.00        | \$225.00       | N/A | N/A    | N/A |
| Comprehensive coverage verification via field study, if needed   | \$84,200.00       | \$23,000.00    | N/A | N/A    | N/A |
| Electrical Engineer  | <b>\$2,500.00</b> | \$2,500.00     | N/A | N/A    | N/A |
| Communication Engineer   | <b>\$0.00</b>     | \$0.00         | N/A | N/A    | N/A |
| Structural Engineer  | <b>\$5,000.00</b> | \$5,000.00     | N/A | N/A    | N/A |
| <b>Sub-total</b>   | \$151,355.00      | \$73,700.00    | N/A | \$0.00 | N/A |
| <b>Total for all systems</b>   | \$1,202,152.00    | \$1,034,752.00 | N/A | \$0.00 | N/A |

## Components

Information not provided.

## Cost Information

### Other Expenses

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

| Description  | Predetermined Cost Estimate | Estimated Cost     | Estimated Cost Justification  | Actual Cost   | Actual Cost Justification |
|--|-----------------------------|--------------------|---|---------------|---------------------------|
| <b>Other Expenses</b>  | <b>\$47,880.00</b>          | <b>\$47,865.00</b> |   | <b>\$0.00</b> |                           |
| Equipment Delivery and Handling Charges                                  | <i>\$6,200.00</i>           | \$6,200.00         | N/A   | N/A           | N/A                       |
| Non-zoning permits   | <i>\$500.00</i>             | \$500.00           | Electrical rewiring permitting at transmitter site required by state.           | N/A           | N/A                       |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <i>\$500.00</i>             | \$500.00           | 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                       |
| FCC Filing Fees - Special Temporary Authorization request                | \$195.00                    | \$190.00           | N/A   | N/A           | N/A                       |
| Develop and air announcement of upcoming channel change                  | <i>\$10,350.00</i>          | \$10,350.00        | Production of spot, \$350. Airtime for 300 - 30 second announcements, \$10,000. | N/A           | N/A                       |

|  |                    |                |   |        |     |
|--|--------------------|----------------|---|--------|-----|
| MVPD<br>Notification of<br>Channel<br>Change | <b>\$1,800.00</b>  | \$1,800.00     | Local<br>newspaper<br>publication<br>notifications.   | N/A    | N/A |
| Ch 26<br>Stringent<br>Digital Mask<br>Filter | <b>\$28,000.00</b> | \$28,000.00    | Necessary RF<br>filter upgrade to<br>existing Ch 26<br>facility to protect<br>the projected<br>coverage area<br>of Repacked<br>KVEW-TV to Ch<br>27. | N/A    | N/A |
| <b>Sub-total</b>                             | \$47,880.00        | \$47,865.00    | N/A   | \$0.00 | N/A |
| <b>Total for all<br/>systems</b>             | \$1,202,152.00     | \$1,034,752.00 | N/A   | \$0.00 | N/A |

### Components

Information not provided.



| Cost Information      | Grand Total                 |                |             |
|-----------------------|-----------------------------|----------------|-------------|
|                       | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
| Total for all systems | \$1,202,152.00              | \$1,034,752.00 | \$0.00      |

| 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>Brian Burns</b><br/> <i>Vice President and Chief Operating Officer</i></p> <p>07/11/2017</p> |

## Attachments

Information not provided.