



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **66170** | Service: **DTV** | Call **KTIV** | Channel: **14 (UHF)** |  
ID: | Sign:  
File **0000027507**  
Number:  
FRN: **0018223693** | Date **04/02**  
Submitted: **/2018**

## Applicant Information

### Applicant Name, Type, and Contact Information

| Applicant   | Address   | Phone                | Email                         | Applicant Type                  |
|---|---|----------------------|-------------------------------|---------------------------------|
| <b>KTIV LICENSE, LLC</b><br>Doing Business As:<br>KTIV LICENSE, LLC | Brady<br>Dreasler<br>PO Box<br>909<br>QUINCY,<br>IL 62306<br>United<br>States | +1 (217)<br>223-5100 | bdreasler@quincymedia.<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>Tony zumMallen</b><br><i>QCommunications</i> | Tony zumMallen<br>705B SE Melody LN #314<br>Lees Summit, MO 64063<br>United States | +1 (816) 729-<br>1177 | tony@qcom1.<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 transition from channel 41 to channel 14 requires shared interim systems with KMEG and KPTH through a combiner. KTIV will require a new antenna, line and transmitter to complete the transition. |

**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  | PowerCD                  |
|   | Year   | 2006                     |
|   | Type   | Inductive<br>Output Tube |
|   | IOT Power Type   | Two                      |
|   | Power Capacity   | 60 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-100  |
|                 | Transmitter Type                          | Solid State  |
|                 | Solid State Cooling                       | Liquid Cooled  |
|                 | Solid State Power capacity                | 56.7 kW  |
|                 | Justification for New Transmitter         | IOT Transmitter is not tunable per the manufacturer. Special Case- Channel 14 requirements. Per engineering consultant new TPO required is 56.7kw. |

**Primary  
Transmitter**

**Other Transmitter Costs**

| Section            | Question                              | Response |
|--------------------|---------------------------------------|----------|
| Electrical Service | Service Entrance (3 phases 800A 208V) | Yes      |
|                    | Switchgear (industrial 800 amp)       | Yes      |
|                    | Transformer (480V)                    | Yes      |
|                    | Power                                 | 300 kVA  |
|                    |                                       |          |

|  |   |              |
|--|---|--------------|
|  | Rigid Conduit and Wiring  | Yes          |
|  | Size  | 2 inches     |
|  | Length  | 500.0 feet   |
|  | Other Electrical Service  | No           |
|  | Description   | N/A          |
| <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? | 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  | 10           |

**Primary Transmitter**

**Other Transmitter Cost Not Listed**

| Name                              | Description   |
|-----------------------------------|---|
| <b>Site Survey - TX</b>           | Site survey and report are required to be performed before the new transmitter and components installation plan can be finalized. |
| <b>Sales Tax - Non Exempt -IA</b> | KTIV is not tax exempt from Iowa Sales tax - Gates calculates   |
| <b>Freight - MFG</b>              | Freight- from MFG to staging area or station  |
| <b>Transmitter - Training</b>     | Transmitter training - offsite - 1 week in duration at mfg site.  |

|  |  |
|--|--|
| <b>Channel 14 remediation</b>          | After working with the NAB and our consulting engineer a LM remediation budget needs to be added to cover these estimated costs of operating in CH 14. |
| <b>Disconnect existing Transmitter</b> | Disconnect transmitter and components from existing configuration and move within building to make way for new facilities.                             |
| <b>Securirty - Site</b>                | This site requires security once the new transmission line and equipment arrive on site to be installed. Estimated length of 4-6 weeks.                |

**Interim  
Transmitter**

**New Transmitter Costs**

| Section         | Question                          | Response  |
|-----------------|-----------------------------------|---|
| New Transmitter | Use                               | Interim   |
|                 | Description of Use                | N/A   |
|                 | Change Type                       | Purchase  |
|                 | Manufacturer                      |   |
|                 | Model                             | ULXTE-30  |
|                 | Transmitter Type                  | Solid State   |
|                 | Solid State Cooling               | Liquid Cooled   |
|                 | Solid State Power capacity        | 20 kW   |
|                 | Justification for New Transmitter | Interim facility is required to avoid prolonged period of station silence during transition, and station currently has no aux facility to use for interim operation. Extended silent period during transition to new channel is unreasonable. |

**Interim  
Transmitter**

**Other Transmitter Costs**

| Section            | Question                              | Response |
|--------------------|---------------------------------------|----------|
| Electrical Service | Service Entrance (3 phases 800A 208V) | No       |
|                    |                                       |          |

|  |   |              |
|--|---|--------------|
|  | Switchgear (industrial 800 amp)   | Yes          |
|  | Transformer (480V)  | No           |
|  | Power   | N/A          |
|  | Rigid Conduit and Wiring  | Yes          |
|  | Size  | 2 inches     |
|  | Length  | 500.0 feet   |
|  | Other Electrical Service  | No           |
|  | Description   | N/A          |
| <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? | 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?             | Yes          |

**Interim Transmitter**

**Other Transmitter Cost Not Listed**

| Name          |  | Description              |
|---------------|--|--------------------------|
| Sales Tax est |  | IA sales tax est per mfg |



**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?  | Yes                |
| <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>.....                         | 873.0 kW           |
|   |  |                    |

|              |                |
|--------------|----------------|
| Manufacturer |                |
| Model        | TFU-30JTH-R-04 |
| Year         | 2006           |

## 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?  | Yes             |
|                                    | Will antenna be located on or in close proximity to an antenna farm? | Yes             |
| New Antenna Manufacturer and Types | Class  | Full Power      |
|                                    | Mounting   | Top Mount       |
|                                    | Antenna position in stack  | Not in Stack    |
|                                    | Polarization   | Elliptical      |
|                                    | Type   | Broadband Panel |
|                                    | Number of Stations Supported   | 1               |
|                                    | Number of Panels/Bays  | 24              |
|                                    | Lower Limit  | 470.00 MHz      |
|                                    | Upper Limit  | 698.00 MHz      |
|                                    | Design power capacity in use   | 100.0 %         |
|                                    | Other Antenna Type   | N/A             |
|                                    | ERP: (Effective Radiated Power)                                      | 873.0 kW        |
|                                    | Manufacturer   |                 |
|                                    | Model  | TFU-24GTH       |

|                               |  |
|-------------------------------|--|
| Year                          | 2017   |
| Justification for New Antenna | Required to operate on the new channel assignment. Ch14 special case. FAA height restrictions. |

## Primary Antenna

### Other Antenna Costs

| Section                            | Question  | Response               |
|------------------------------------|---|------------------------|
| <b>Combiner for Shared Antenna</b> | Do you need a Combiner for a Shared Antenna?  | No                     |
|                                    | Type  |                        |
|                                    | Number of channels supported  | N/A                    |
|                                    | Frequencies of channels supported   | N/A                    |
|                                    | Frequency   | N/A                    |
|                                    | Do you need a combiner output splitter /switcher for dual feed lines?                                       | N/A                    |
| <b>Elbow Complex</b>               | Do you require the separate purchase of the Elbow Complex?  | Yes                    |
|                                    | Broadband or Single Channel?  | Broadband              |
|                                    | Feed Line Size  | 6 1/8 inches<br>inches |
| <b>Side Mount Brackets</b>         | Do you require the separate purchase of side mount brackets for a high power antenna?                       | 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**

Information not provided.

**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?   | 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 Type</b> | Class  | Full Power        |
|  | Mounting   | Side Mount        |
|  | Antenna position in stack  | Not in Stack      |
|  | Polarization   | Elliptical        |
|  | Type   | Broadband<br>Slot |
|  | Number of Stations Supported   | 3                 |
|  | Number of Panels/Bays  | 24                |
|  | Lower Limit  | 470.00 MHz        |
|  | Upper Limit  | 698.00 MHz        |
|  | Design power capacity in use   | 50.0 %            |
|  | Other Antenna Type   | N/A               |
|  | ERP: (Effective Radiated Power)<br>.....                             | 300.0 kW          |
|  | Manufacturer   |                   |
|  | Model  | TFU-24WB-<br>1-R  |
|  | Year   | 2017              |

|  |                               |  |
|--|-------------------------------|--|
|  | Justification for New Antenna | Interim facility is required to avoid prolonged period of station silence during transition, and station currently has no aux facility to use for interim operation. Shared with KPTH and KMEG. Paid from the KPTH deal. |
|--|-------------------------------|--|

## Interim 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                                     | RF channel   |
|                                    | Frequency   | N/A          |
|                                    | Do you need a combiner output splitter /switcher for dual feed lines? | No           |
| <b>Elbow Complex</b>               | Do you require the separate purchase of the Elbow Complex?            | Yes          |
|                                    | Broadband or Single Channel?  | B            |
|                                    | Feed Line Size  | 6 1/8 inches |



|                                 |   |     |
|---------------------------------|---|-----|
| <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?  | Yes |

**Enter a list of RF channel numbers.**

| RF Channel Number |
|-------------------|
| 30                |
| 32                |
| 14                |

**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   | Purchase New      |
|   | Use  | Primary (Main)    |
|   | Description of Use   | N/A               |
|   | Ownership  | Owned             |
|   | Owner  | N/A               |
|   | Site   | N/A               |
|   | Is the existing transmission line shared with another station or stations? | No                |
|   | Is Transmission Line in operating condition?                               | Yes               |
| <b>Existing Transmission Line Manufacturer and Type</b> | Manufacturer   |                   |
|   | Type   | Rigid             |
|   | Diameter   | 7 3/16 inches     |
|   | Other Diameter   | N/A               |
|   | Segment Length   | 19 1/2 inches     |
|   | Other Segment Length   | N/A               |
|   | Number of parallel runs  | 1                 |
|   | Length   | 2298 feet per run |

**Primary**  
**Transmission Line**

**New Transmission Line**

| Section                            | Question                                  | Response   |
|------------------------------------|---|--|
| <b>New Transmission Line Costs</b> | Use                                       | Primary (Main)   |
|                                    | Description of Use                        | N/A  |
|                                    | Change Type                               | Purchase New   |
|                                    | Is this a request for upgraded equipment? | No   |
|                                    | Type                                      | Rigid  |
|                                    | Diameter                                  | 7 3/16 inches  |
|                                    | Other Diameter                            | N/A  |
|                                    | Segment Length                            | 20 inches  |
|                                    | Other Segment Length                      | N/A  |
|                                    | Number of parallel runs                   | 1  |
|                                    | Length                                    | 2140 feet per run  |
|                                    | Justification for New Transmission Line   | Required to make the channel assignment relocation from CH41 to CH14 |

**Primary**  
**Transmission Line**

**Other Transmission Line Expenses Not Listed**

| Name  | Description   |
|---|---|
| <b>Disconnect existing Interior RF components</b> | Disconnect interior RF transmission line and filters from existing configuration and move within the building to make way for new facilities. |

**Tower Equipment And Rigging Costs**

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

**Primary Tower**

**Existing Tower**

| Section  | Question  | Response          |
|--|---|-------------------|
| Existing Tower Description                         | Type of change  | Modify Existing   |
|  | Tower Use   | Primary (Main)    |
|  | Description of Use                                      | N/A               |
|  | Ownership   | Leased            |
|  | Is this tower consider Complex?                         | 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                                   | No                |
|  | Is tower documented for structural analysis?            | Yes               |
|  | Is tower compliant with Rev G?                          | No                |
| Existing Tower Structure Registration              | Do you have a tower registration number?                | Yes               |
|  | ASR Number  | 1057963           |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83)  | 42° 35' 12.0" N-  |
|  | Longitude (NAD83)                                       | 096° 13' 19.0" W- |
|  | Overall Structure Height                                | 1987.84 feet      |
|  | Support Structure Height                                | 1847.09 feet      |
|  | Ground Elevation Above Mean Sea Level (AMSL)            | 1332.99 feet      |

|  |                  |  |
|--|------------------|--|
|  | Structure Type   | TOWER - Free Standing or Guyed Structure |
|  | Tower Owner      | Heartland Tower Company, L.L.C.          |
|  | Date Constructed | 02/22/2007                               |

**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 |
|-------------|-----------|---------|
| 77451       | KPTH      | DTV     |
| 39665       | KMEG      | DTV     |

## Primary Tower

### Tower Modification Costs

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

## Primary Tower

### Tower Rigging Costs

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

**Primary  
Tower**

**Other Tower Expenses Not Listed**  
Information not provided.

**Outside  
Professional Services Costs**

| Section   | Question   | Response  |
|---|--|---|
| <b>Outside Project Management Services</b>        | Do you require outside project management services?                          | Yes   |
|   | Number of Hours  | 933   |
|   | Explanation  | Scope & significance of project (QMI has multiple stations repacked) require outside management services to augment existing internal personnel to assist turnkey management of and ensure timely and safe execution of channel relocation. |
| <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   | 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   | 4   |
|   | 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   | 4   |
|   | NEPA Section 106 environmental review  | No  |
|   | Environmental Assessment   | No  |
|   | ASR Modification   | No  |
|   | FAA Consultation (including preparation of FAA Form 7460)                                  | No  |
|   | Negotiation of Lease and other Matter for Shared Locations                                 | Yes |
|   | Prepare or Review FCC Form 399 for Reimbursement   | Yes |
|   | Address transition timing and coordination issues w/ other stations and wireless providers | Yes |
| <b>RF Field Engineering Services</b>                  | Comprehensive coverage verification via field study  | Yes |
|   |  |     |

|                                      |     |
|--------------------------------------|-----|
| RF exposure measurements             | No  |
| Additional Field Engineering Service | No  |
| Number of Days                       | N/A |
| Justification                        | N/A |

Outside Professional

Other Professional Services Expenses Not Listed

| Services Costs                | Description  |
|-------------------------------|--|
| General Repack Legal Services | See attached memo-QMI Repack Invoice Memo for Shared Legal Expenses (Matter 104411 00054) for Form 399   |
| Quarterly reporting           | Preparation and submittal of the FCC required quarterly report 387 by PM and attorney.   |
| Vendor Travel Expenses        | Reimbursable Vendor Travel expenses for working in the field on behalf of the station for the Repack project - see quote for estimated expenses. |

## Other Expenses

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

|                           |   |
|---------------------------|---|
| <b>Other<br/>Expenses</b> | <b>Other Expenses Not Listed</b><br>Information not provided. |
|---------------------------|---|

## 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>Interim Transmitter ULXTE-30</b>                      | <b>\$1,015,937.90</b>       | <b>\$967,537.90</b>   |  | <b>\$411,416.42</b> |                           |
| Sales Tax est  | <i>\$41,737.90</i>          | \$41,737.90           | as determined by GatesAir in the invoice | \$13,912.64         | N/A                       |
| UHF inside RF system including switching                 | \$147,500.00                | \$140,000.00          | N/A                                      | \$21,843.62         | N/A                       |
| UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW | \$684,000.00                | \$650,000.00          | N/A                                      | \$372,328.50        | N/A                       |
| Switchgear - industrial 800 amp                          | \$38,200.00                 | \$36,300.00           | N/A                                      | \$3,331.66          | N/A                       |
| 2" Rigid Conduit and Wiring (Cost per foot)              | \$13,000.00                 | \$12,500.00           | N/A                                      | N/A                 | N/A                       |
| 25 Ton system  | \$91,500.00                 | \$87,000.00           | N/A                                      | N/A                 | N/A                       |
| <b>Primary Transmitter ULXTE-100</b>                     | <b>\$2,961,424.18</b>       | <b>\$2,851,164.18</b> |  | <b>\$608,206.35</b> |                           |

|                                 |                     |              |  |     |     |
|---------------------------------|---------------------|--------------|--|-----|-----|
| Security - Site                 | <b>\$17,500.00</b>  | \$17,500.00  | This site requires security once the new transmission line and equipment arrive on site to be installed. Estimated length of 4-6 weeks.  | N/A | N/A |
| Disconnect existing Transmitter | <b>\$25,000.00</b>  | \$25,000.00  | Disconnect transmitter and components from existing configuration and move within building to make way for new facilities.   | N/A | N/A |
| Channel 14 remediation          | <b>\$500,000.00</b> | \$500,000.00 | After consulting further with The NAB and the consulting engineer it has been determined that a land-mobile receivers remediation budget needs to be added to cover these estimated remediation costs of transitioning to CH 14. | N/A | N/A |

|   |                     |              |  |        |     |
|---|---------------------|--------------|--|--------|-----|
| Transmitter<br>- Training                                 | <b>\$3,300.00</b>   | \$3,300.00   | Transmitter<br>training -<br>offsite - 1<br>week in<br>duration at<br>mfg site.  | N/A    | N/A |
| Freight -<br>MFG  | <b>\$17,300.00</b>  | \$17,300.00  | Freight- from<br>MFG to<br>staging area<br>or station  | \$0.00 | N/A |
| Sales Tax -<br>Non<br>Exempt -IA                          | <b>\$133,564.18</b> | \$133,564.18 | KTIV is not<br>exempt from<br>IOWA state<br>sales tax.<br>Gates<br>calculates<br>sales tax for<br>invoices. see<br>Q62047 and<br>INV<br>TE10004376                 | \$0.00 | N/A |
| Site Survey<br>- TX                                       | <b>\$25,000.00</b>  | \$25,000.00  | Site survey<br>and report are<br>required to be<br>performed<br>before the<br>new<br>transmitter<br>and<br>components<br>installation<br>plan can be<br>finalized. | N/A    | N/A |
| Additional<br>field<br>engineering<br>time, 10-30<br>days | \$63,100.00         | \$60,000.00  | N/A  | N/A    | N/A |
| Channel 14<br>Mask Filter                                 | \$189,500.00        | \$180,000.00 | N/A  | N/A    | N/A |

|  |                |                |  |              |   |
|--|----------------|----------------|--|--------------|---|
| 25 Ton system  | \$91,500.00    | \$87,000.00    | We reviewed the transmitter transition plans and with an additional 25 tons of HVAC installed in the new section of the transmitter room it is estimated that the required environmental conditions to operate the new transmitter config can be obtained. | N/A          | N/A   |
| UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW | \$1,788,000.00 | \$1,700,000.00 | N/A  | \$603,873.41 | N/A   |
| Switchgear - industrial 800 amp                        | \$38,200.00    | \$36,300.00    | N/A  | \$0.00       | PER Q-62047- THE RF COMP ITEM C IS \$83,440.74, WHICH MAY EXCEED THE CATALOG OF COSTS ESTIMATE. |
| Transformer 3 phase /480v - 300 KVA                    | \$36,800.00    | \$35,000.00    | N/A  | \$4,332.94   | N/A   |



|   |                |                |     |                |     |
|---|----------------|----------------|-----|----------------|-----|
| Service entrance 3 phase/800 amp/208 volt   | \$14,400.00    | \$13,700.00    | N/A | N/A            | N/A |
| 2" Rigid Conduit and Wiring (Cost per foot) | \$13,000.00    | \$12,500.00    | N/A | N/A            | N/A |
| RF Consulting Engineer                      | \$5,260.00     | \$5,000.00     | N/A | N/A            | N/A |
| <b>Sub-total</b>                            | \$3,977,362.08 | \$3,818,702.08 | N/A | \$1,019,622.77 | N/A |
| <b>Total for all systems</b>                | \$6,321,291.08 | \$6,037,422.08 | N/A | \$1,715,616.47 | N/A |

## Components

| Actual Information |   |
|--------------------|---|
| Description        | File Name   |
| Sales Tax est      | <p><b>Component Description:</b> KTIV- INTERIM TX - EST sales tax as shown on inv TE10004377-2 and QUOTE - Q-62042 uploaded - added the rounding error 1 cent. 3-8-18</p> <p><b>Amount:</b> \$13,912.64</p> |

|  |   |
|--|---|
| UHF inside RF system<br>including switching                    | <div> <b>Component Description:</b> <p>Gates- INT TX -<br/>RF - KTIV - Line C<br/>- for 2nd inv from<br/>Quote - Q-62042<br/>uploaded</p> </div> <div> <b>Amount:</b> <p>\$10,921.81</p> </div>                                   |
|  | <div> <b>Component Description:</b> <p>Gates- INT TX -<br/>RF - KTIV - Line C</p> </div> <div> <b>Amount:</b> <p>\$10,921.81</p> </div>   |
| UHF - Liquid Cooled Solid<br>State Transmitter 14.2 - 20<br>kW | <div> <b>Component Description:</b> <p>Gates-INT TX -<br/>KTIV - 1/3 dep<br/>lines A, B and E -<br/>see revised INV<br/>and Q-62042</p> </div> <div> <b>Amount:</b> <p>\$186,164.25</p> </div>                                    |
|  | <div> <b>Component Description:</b> <p>Gates-INT TX -<br/>KTIV - 2nd<br/>payment- LINES<br/>lines A, B and E -<br/>of quote Q-62042<br/>uploaded- see for<br/>details.</p> </div> <div> <b>Amount:</b> <p>\$186,164.25</p> </div> |

|   |   |
|---|---|
| Switchgear - industrial 800 amp             | <div> <div> <b>Component Description:</b><br/><br/> <b>Amount:</b> </div> <div> Gates - INT TX-KTIV - ELEC line<br/> D see Quote Q-62042 -2nd invoice uploaded<br/> \$1,665.83 </div> </div> <div> <div> <b>Component Description:</b><br/><br/> <b>Amount:</b> </div> <div> Gates - INT TX-KTIV - ELEC line<br/> D see inv and quote Q-62042<br/> \$1,665.83 </div> </div> |
| 2" Rigid Conduit and Wiring (Cost per foot) | Information not provided.   |
| 25 Ton system                               | Information not provided.   |
| Securirty - Site                            | Information not provided.   |
| Disconnect existing Transmitter             | Information not provided.   |
| Channel 14 remediation                      | Information not provided.   |
| Transmitter - Training                      | Information not provided.   |
| Freight - MFG                               | <div> <div> <b>Component Description:</b><br/><br/> <b>Amount:</b> </div> <div> KTIV-GATES-FREIGHT-INV<br/> TE10004376-2 -Q 62047<br/> \$5,766.66 </div> </div>   |

|  |                               |  |
|--|-------------------------------|--|
| Sales Tax - Non Exempt -IA                             |                               |  |
|  | <b>Component Description:</b> | KTIV-GATES-MAIN-TX-SALES TAX 2ND INV - TE10004376-2  |
|  | <b>Amount:</b>                | \$44,521.40  |
|  | <b>Component Description:</b> | Gates - Main Tx - KTIV - INV for Sales tax est see Q-62047. We can true up on final invoice for TX if preferred. |
|  | <b>Amount:</b>                | \$44,521.39  |
| Site Survey - TX                                       | Information not provided.     |  |
| Additional field engineering time, 10-30 days          | Information not provided.     |  |
| Channel 14 Mask Filter                                 | Information not provided.     |  |
| 25 Ton system  | Information not provided.     |  |
| UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW |                               |  |
|  | <b>Component Description:</b> | KTIV-GATES-MAIN TX -2ND-INVOICE per Q-62047 lines A, B and E   |
|  | <b>Amount:</b>                | \$603,873.41   |
|  | <b>Component Description:</b> | MAIN TX DEPOSIT INVOICE KTIV per Q-62047 lines A, B and E  |
|  | <b>Amount:</b>                | \$603,873.41   |

|   |   |
|---|---|
| Switchgear - industrial 800 amp             | <div> <b>Component Description:</b> KTIV-Gates- MAIN TX - RF - Q-62047 line C.         </div> <div> <b>Amount:</b> \$27,813.58         </div> <div> <b>Component Description:</b> Gates- MAIN TX - RF KTIV - Q-62047 line C.         </div> <div> <b>Amount:</b> \$27,813.58         </div> |
| Transformer 3 phase/480v - 300 KVA          | <div> <b>Component Description:</b> KTIV- Gates- Main Tx -Q-62047 - Line D         </div> <div> <b>Amount:</b> \$4,332.94         </div> <div> <b>Component Description:</b> Gates- Main Tx - KTIV - Q-62047 - Line D         </div> <div> <b>Amount:</b> \$4,332.94         </div>         |
| Service entrance 3 phase /800 amp/208 volt  | Information not provided.   |
| 2" Rigid Conduit and Wiring (Cost per foot) | Information not provided.   |
| RF Consulting Engineer                      | 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<br>Cost Estimate | Estimated<br>Cost  | Estimated<br>Cost<br>Justification  | Actual Cost   | Actual Cost<br>Justification |
|--|--------------------------------|--------------------|---|---------------|------------------------------|
| <b>Interim<br/>Antenna<br/>TFU-24WB-<br/>1-R</b>   | <b>\$104,630.00</b>            | <b>\$86,400.00</b> |   | <b>\$0.00</b> |                              |
| Elbow<br>complex,<br>broadband,<br>at antenna<br>input, per 6<br>1/8.<br>feedline (if<br>needed) | \$13,700.00                    | \$0.00             | This cost<br>will be<br>shared with<br>KPTH and<br>KTIV, and<br>KPTH is<br>purchasing<br>this<br>equipment.   | \$0.00        | N/A                          |
| New<br>combiner,<br>cost per<br>channel<br>(without<br>antenna)                                  | \$84,200.00                    | \$80,000.00        | each<br>station<br>requires a<br>combiner<br>to make<br>the interim<br>shared line<br>and<br>antenna<br>work. | N/A           | N/A                          |
| Sweep test<br>of existing<br>antenna   | \$6,730.00                     | \$6,400.00         | N/A   | \$0.00        | N/A                          |

|   |                       |                       |  |                       |            |
|---|-----------------------|-----------------------|--|-----------------------|------------|
| UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 300 kW input, directional,, elliptically or circularly polarized | \$0.00                | \$0.00                | Cost of antenna is included in the KPTH deal. Shared with KTIV, KPTH and KMEG. | N/A                   | N/A        |
| <b>Primary Antenna TFU-24GTH</b>  | <b>\$309,930.00</b>   | <b>\$294,400.00</b>   |  | <b>\$237,797.33</b>   |            |
| Sweep test of existing antenna  | \$6,730.00            | \$6,400.00            | N/A  | \$5,760.00            | N/A        |
| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized                        | \$289,500.00          | \$275,000.00          | N/A  | \$223,036.88          | N/A        |
| Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)   | \$13,700.00           | \$13,000.00           | N/A  | \$9,000.45            | N/A        |
| <b>Sub-total</b>  | <b>\$414,560.00</b>   | <b>\$380,800.00</b>   | <b>N/A</b>   | <b>\$237,797.33</b>   | <b>N/A</b> |
| <b>Total for all systems</b>  | <b>\$6,321,291.08</b> | <b>\$6,037,422.08</b> | <b>N/A</b>   | <b>\$1,715,616.47</b> | <b>N/A</b> |

## Components

| Actual Information  |  |                               |                                   |                |            |                               |   |                |          |                               |   |                |            |
|---|--|-------------------------------|-----------------------------------|----------------|------------|-------------------------------|---|----------------|----------|-------------------------------|---|----------------|------------|
| Description   | File Name  |                               |                                   |                |            |                               |   |                |          |                               |   |                |            |
| Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)   | Information not provided.  |                               |                                   |                |            |                               |   |                |          |                               |   |                |            |
| New combiner, cost per channel (without antenna)  | Information not provided.  |                               |                                   |                |            |                               |   |                |          |                               |   |                |            |
| Sweep test of existing antenna  | Information not provided.  |                               |                                   |                |            |                               |   |                |          |                               |   |                |            |
| UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 300 kW input, directional,, elliptically or circularly polarized | Information not provided.  |                               |                                   |                |            |                               |   |                |          |                               |   |                |            |
| Sweep test of existing antenna  | <table> <tr> <td><b>Component Description:</b></td><td>MAIN ANTENNA SWEEP- 35%- LINE 25.</td></tr> <tr> <td><b>Amount:</b></td><td>\$2,240.00</td></tr> <tr> <td><b>Component Description:</b></td><td>MAIN ANTENNA - SWEEP TEST - DEPOSIT 10% - LINE 25</td></tr> <tr> <td><b>Amount:</b></td><td>\$640.00</td></tr> <tr> <td><b>Component Description:</b></td><td>KTIV-MAIN SWEEP- 2ND 45% -LINE 25. MAN00247</td></tr> <tr> <td><b>Amount:</b></td><td>\$2,880.00</td></tr> </table> | <b>Component Description:</b> | MAIN ANTENNA SWEEP- 35%- LINE 25. | <b>Amount:</b> | \$2,240.00 | <b>Component Description:</b> | MAIN ANTENNA - SWEEP TEST - DEPOSIT 10% - LINE 25 | <b>Amount:</b> | \$640.00 | <b>Component Description:</b> | KTIV-MAIN SWEEP- 2ND 45% -LINE 25. MAN00247 | <b>Amount:</b> | \$2,880.00 |
| <b>Component Description:</b>   | MAIN ANTENNA SWEEP- 35%- LINE 25.  |                               |                                   |                |            |                               |   |                |          |                               |   |                |            |
| <b>Amount:</b>  | \$2,240.00   |                               |                                   |                |            |                               |   |                |          |                               |   |                |            |
| <b>Component Description:</b>   | MAIN ANTENNA - SWEEP TEST - DEPOSIT 10% - LINE 25  |                               |                                   |                |            |                               |   |                |          |                               |   |                |            |
| <b>Amount:</b>  | \$640.00   |                               |                                   |                |            |                               |   |                |          |                               |   |                |            |
| <b>Component Description:</b>   | KTIV-MAIN SWEEP- 2ND 45% -LINE 25. MAN00247  |                               |                                   |                |            |                               |   |                |          |                               |   |                |            |
| <b>Amount:</b>  | \$2,880.00   |                               |                                   |                |            |                               |   |                |          |                               |   |                |            |



|  |  |
|--|--|
| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized | <div> <b>Component Description:</b> KTIV-DIE-MAIN-2ND 45PERCENT - INV MAN00247 LINES 1,2 AND 3. 3-29-Uploaded Order Conf - 40200. V-POL upgrade is line not billed to FCC. </div> <div> <b>Amount:</b> \$111,518.44 </div> |
|  | <div> <b>Component Description:</b> MAIN ANTENNA - DEPOSIT 10% LINES 1,2 AND 3. </div> <div> <b>Amount:</b> \$24,781.88 </div>   |
|  | <div> <b>Component Description:</b> MAIN-ANTENNA-35% 11/1- LINES 1,2 AND 3. </div> <div> <b>Amount:</b> \$86,736.56 </div>   |
| Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)                          | <div> <b>Component Description:</b> KTIV-DIE-ELBOW - 2ND 45% - LINE 4. 3-29-uploaded Order Conf. 402001 - Line 26 is V-POL upgrade not billed to FCC </div> <div> <b>Amount:</b> \$4,835.70 </div>                         |
|  | <div> <b>Component Description:</b> ELBOW - 35% - LINE 4. </div> <div> <b>Amount:</b> \$3,239.25 </div>  |
|  | <div> <b>Component Description:</b> ELBOW - DEPOSIT 10% - LINE 4 </div> <div> <b>Amount:</b> \$925.50 </div>   |

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                  | \$635,600.00                | \$605,640.00   |   | \$423,952.99   |                           |
| Rigid Transmission Line - copper, 7 3 /16" | \$620,600.00                | \$590,640.00   | N/A   | \$423,952.99   | N/A                       |
| Disconnect existing Interior RF components | <i>\$15,000.00</i>          | \$15,000.00    | Disconnect interior RF transmission line and filters from existing configuration and move within the building to make way for new facilities. | N/A            | N/A                       |
| Sub-total                                  | \$635,600.00                | \$605,640.00   | N/A   | \$423,952.99   | N/A                       |
| Total for all systems                      | \$6,321,291.08              | \$6,037,422.08 | N/A   | \$1,715,616.47 | N/A                       |

Components

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

|   |  |
|---|--|
| Rigid Transmission Line -<br>copper, 7 3/16"  | <div> <div> <b>Component Description:</b><br/><br/> <b>Amount:</b> </div> <div> KTIV-DIE-ANT<br/> LINE - 2ND 45%<br/> INV MAN00247 -<br/> LINES 5,30 AND<br/> 31<br/> \$213,570.34 </div> </div> <div> <div> <b>Component Description:</b><br/><br/> <b>Amount:</b> </div> <div> MAIN-TX LINE-<br/> 10% LINE 5.<br/> \$46,751.70 </div> </div> <div> <div> <b>Component Description:</b><br/><br/> <b>Amount:</b> </div> <div> TX LINE - MAIN -<br/> 35% -11/1 LINE 5.<br/> \$163,630.95 </div> </div> |
| Disconnect existing Interior<br>RF 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   | \$862,000.00                | \$819,000.00   |                              | \$0.00         |                           |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | \$421,000.00                | \$400,000.00   | N/A                          | N/A            | N/A                       |
| Structural engineering tower load study for a documented tower with candelabra        | \$20,000.00                 | \$19,000.00    | N/A                          | \$0.00         | N/A                       |
| Major tower reinforcement /modifications  | \$421,000.00                | \$400,000.00   | N/A                          | N/A            | N/A                       |
| Sub-total   | \$862,000.00                | \$819,000.00   | N/A                          | \$0.00         | N/A                       |
| Total for all systems   | \$6,321,291.08              | \$6,037,422.08 | N/A                          | \$1,715,616.47 | 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>\$320,689.00</b>         | <b>\$304,665.00</b> |  | <b>\$34,243.38</b> |  |
| Vendor Travel Expenses               | <i>\$21,965.00</i>          | \$21,965.00         | Reimbursable Vendor Travel expenses for working in the field on behalf of the station for the Repack project - see quote for estimated expenses. Q-17002 | \$2,418.61         | 4-2-uplo: revised in QC17-14 correct a |
| Quarterly reporting                  | <i>\$5,000.00</i>           | \$5,000.00          | Preparation and submittal of the FCC required quarterly report 387 by PM and attorney.   | N/A                | N/A                                    |
| General Repack Legal Services        | <i>\$10,000.00</i>          | \$10,000.00         | See attached memo-QMI Repack Invoice Memo for Shared Legal Expenses (Matter 104411 00054) for Form 399-  | \$841.27           | N/A                                    |

|  |             |             |     |            |     |
|--|-------------|-------------|-----|------------|-----|
| Attorney Fees -<br>Prepare and<br>File request for<br>Special<br>Temporary<br>Authorization              | \$14,720.00 | \$14,000.00 | N/A | N/A        | N/A |
| Attorney Fees -<br>Negotiation of<br>lease and other<br>matters for<br>shared<br>locations               | \$4,210.00  | \$4,000.00  | N/A | \$1,895.00 | N/A |
| Attorney Fees -<br>Prepare and<br>File FCC Form<br>2100 (main),<br>License to<br>Cover<br>Application    | \$2,365.00  | \$2,250.00  | N/A | N/A        | N/A |
| Attorney Fees -<br>Prepare and<br>File FCC Form<br>2100 (main),<br>Construction<br>Permit<br>Application | \$5,260.00  | \$5,000.00  | N/A | \$4,901.00 | N/A |
| Prepare<br>request for<br>Special<br>Temporary<br>Authorization  | \$8,200.00  | \$6,000.00  | N/A | N/A        | N/A |
| Prepare<br>engineering<br>section of FCC<br>Form 2100<br>(main), License<br>to Cover<br>Application      | \$1,580.00  | \$1,500.00  | N/A | N/A        | N/A |

|  |                     |                     |            |                    |   |
|--|---------------------|---------------------|------------|--------------------|---|
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00          | \$3,000.00          | N/A        | \$0.00             | N/A   |
| Perform engineering study for new channel assignment and antenna development         | \$7,360.00          | \$7,000.00          | N/A        | \$0.00             | NEW CHANNEL ANALYSIS AND CONSTRUCTION APPLICATION REQUIRE MORE THAN THE NO. OF AMOUNTS ATTENDING DUE TO THE MOBILE INTERFERENCE ISSUE |
| Address transition timing and coordination issues w/ other stations and wireless     | \$2,630.00          | \$2,500.00          | N/A        | N/A                | N/A   |
| Project management of the transition   | \$147,414.00        | \$139,950.00        | N/A        | \$24,187.50        | 4-2-uploads, correct QC17-1 lowered a of Airfare error on ir  |
| Comprehensive coverage verification via field study, if needed                       | \$84,200.00         | \$80,000.00         | N/A        | N/A                | N/A   |
| Prepare and or review reimbursement form   | \$2,630.00          | \$2,500.00          | N/A        | N/A                | N/A   |
| <b>Sub-total</b>   | <b>\$320,689.00</b> | <b>\$304,665.00</b> | <b>N/A</b> | <b>\$34,243.38</b> | <b>N/A</b>  |

|                              |                |                |     |                |     |
|------------------------------|----------------|----------------|-----|----------------|-----|
| <b>Total for all systems</b> | \$6,321,291.08 | \$6,037,422.08 | N/A | \$1,715,616.47 | N/A |
|------------------------------|----------------|----------------|-----|----------------|-----|

## Components

| <b>Actual Information</b>     |   |
|-------------------------------|---|
| <b>Description</b>            | <b>File Name</b>  |
| Vendor Travel Expenses        | <p><b>Component Description:</b> KTIV-QCOMM-PM-Travel expenses INV - QC17-144-QUOTE QC17002 - 4-2-uploaded new inv with correct airfare.</p> <p><b>Amount:</b> \$2,418.61</p>   |
| Quarterly reporting           | Information not provided.   |
| General Repack Legal Services | <p><b>Component Description:</b> Brooks-General - AUG 17 - inv 1/7th</p> <p><b>Amount:</b> \$117.85</p> <p><b>Component Description:</b> KTIV-BROOKS-LEGAL INV 3949052 - JAN18</p> <p><b>Amount:</b> \$49.50</p> <p><b>Component Description:</b> KTIV - LEGAL fees - FEB18 - INV 3950146</p> <p><b>Amount:</b> \$49.50</p> <p><b>Component Description:</b> Brooks-General-OCT17- inv 1/7th</p> <p><b>Amount:</b> \$322.28</p> |



|  |   |
|--|---|
|  | <b>Component Description:</b> Brooks-General - Sept-17-INV 1/7th<br><b>Amount:</b> \$80.57              |
|  | <b>Component Description:</b> Brooks-General- July 17 - inv 1/7th<br><b>Amount:</b> \$275.00            |
|  | <b>Component Description:</b> Brooks General - JUNE 17 -inv-1 /7th<br><b>Amount:</b> \$266.44           |
|  | <b>Component Description:</b> Brooks-General- NOV17-inv 1/7th<br><b>Amount:</b> \$221.57                |
|  | <b>Component Description:</b> Brooks-General Fee May-17-1/7th<br><b>Amount:</b> \$190.85                |
| Attorney Fees - Prepare and File request for Special Temporary Authorization       | Information not provided.   |
| Attorney Fees - Negotiation of lease and other matters for shared locations        | <b>Component Description:</b> CH 14 NEW FACILITY SHARED WITH KPTH AND KMEG<br><b>Amount:</b> \$1,895.00 |
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application | Information not provided.   |

|  |   |   |
|--|---|---|
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | <b>Component Description:</b><br><b>Amount:</b> | Brooks- Legal-<br>KTIV-NOV17-inv<br>\$329.00    |
|  | <b>Component Description:</b><br><b>Amount:</b> | ATTY FEES -<br>KTIV - JUNE 17<br>CP<br>\$359.00 |
|  | <b>Component Description:</b><br><b>Amount:</b> | ATTY FEES CP -<br>AUG 17 KTIV<br>\$2,820.00     |
|  | <b>Component Description:</b><br><b>Amount:</b> | ATTY FEES CP -<br>KTIV MAY17<br>\$752.00        |
|  | <b>Component Description:</b><br><b>Amount:</b> | ATY FEES MAY<br>17 CP<br>\$453.00               |
|  | <b>Component Description:</b><br><b>Amount:</b> | ATTY - CP SEPT<br>17 FEES<br>\$141.00           |
|  | <b>Component Description:</b><br><b>Amount:</b> | Brooks-KTIV-<br>NOV17-legal-inv<br>\$47.00      |
| Prepare request for Special Temporary Authorization                                    | Information not provided.                       |   |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application      | Information not provided.                       |   |

|  |   |  |
|--|---|--|
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | <b>Component Description:</b><br><b>Amount:</b> | ENGR - CP -<br>\$1,885.00  |
| Perform engineering study for new channel assignment and antenna development         | <b>Component Description:</b><br><b>Amount:</b> | ENGR - NEW CHANNEL AND 399<br>\$2,850.00                               |
|  | <b>Component Description:</b><br><b>Amount:</b> | CP ALT CH ANALYSIS<br>\$5,210.00                                       |
| Address transition timing and coordination issues w/ other stations and wireless     | Information not provided.                       |  |
| Project management of the transition   | <b>Component Description:</b><br><b>Amount:</b> | KTIV-QCOMM-PM-INV QC17-144 -MAR THRU AUG17- QTE QC17002<br>\$24,187.50 |
| Comprehensive coverage verification via field study, if needed                       | Information not provided.                       |  |
| Prepare and or review reimbursement form   | 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<br>Cost Estimate | Estimated<br>Cost  | Estimated Cost<br>Justification   | Actual Cost   | Actual Cost<br>Justification |
|--|--------------------------------|--------------------|---|---------------|------------------------------|
| <b>Other<br/>Expenses</b>  | <b>\$60,080.00</b>             | <b>\$59,515.00</b> |   | <b>\$0.00</b> |                              |
| MVPD<br>Notification of<br>Channel<br>Change                           | <i>\$5,000.00</i>              | \$5,000.00         | Required FCC<br>notifications.  | N/A           | N/A                          |
| Develop and<br>air<br>announcement<br>of upcoming<br>channel<br>change | <i>\$15,000.00</i>             | \$15,000.00        | Required FCC<br>announcements<br>and good will<br>public relations<br>must be<br>upheld. The<br>production<br>airing and<br>disseminating<br>of these<br>announcements<br>are<br>fundamental to<br>our operations.                    | N/A           | N/A                          |
| Equipment<br>Storage   | <i>\$10,000.00</i>             | \$10,000.00        | Expecting<br>multiple<br>staggered<br>equipment<br>deliveries from<br>different<br>vendors and<br>need to store<br>and stage new<br>equipment prior<br>to installation<br>date. Anticipate<br>from 6-24<br>months of<br>storage time. | \$0.00        | N/A                          |

|  |                    |                |   |                |     |
|--|--------------------|----------------|---|----------------|-----|
| Equipment Delivery and Handling Charges                                  | <b>\$8,000.00</b>  | \$8,000.00     | Transport and handling fees from staging area to transmitter site.  | N/A            | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <b>\$10,000.00</b> | \$10,000.00    | Rent 40 yard dumpster with multiple pickups. Estimated 6-months on site. Potential hazardous waste management issues. | N/A            | N/A |
| FCC Filing Fees - Special Temporary Authorization request                | \$195.00           | \$190.00       | N/A   | N/A            | N/A |
| FCC Filing Fees - Form 2100 license to cover application                 | \$335.00           | \$325.00       | N/A   | N/A            | N/A |
| DTV Medical Facility Notification  | \$11,550.00        | \$11,000.00    | N/A   | \$0.00         | N/A |
| <b>Sub-total</b>   | \$60,080.00        | \$59,515.00    | N/A   | \$0.00         | N/A |
| <b>Total for all systems</b>   | \$6,321,291.08     | \$6,037,422.08 | N/A   | \$1,715,616.47 | N/A |

## Components

| Actual Information                                      |                           |
|---|---------------------------|
| Description   | File Name                 |
| MVPD Notification of Channel Change                     | Information not provided. |
| Develop and air announcement of upcoming channel change | Information not provided. |

|  |  |
|--|--|
| Equipment Storage  | <p><b>Component Description:</b> KTIV-Storage inv-part of INV1002</p> <p><b>Amount:</b> \$3,600.00</p> |
| Equipment Delivery and Handling Charges                                  | Information not provided.  |
| Disposal Costs (for equipment and other waste, net of any salvage value) | Information not provided.  |
| 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  | <p><b>Component Description:</b> KTIV-RF Notification-inv-1005</p> <p><b>Amount:</b> \$5,000.00</p>    |

| Cost Information | Grand Total           |                             |                |                |
|------------------|-----------------------|-----------------------------|----------------|----------------|
|                  |                       | Predetermined Cost Estimate | Estimated Cost | Actual Cost    |
|                  | Total for all systems | \$6,321,291.08              | \$6,037,422.08 | \$1,715,616.47 |

|                             |  |                 |
|-----------------------------|--|-----------------|
| <b>Reimbursement Status</b> | <b>Question</b>  | <b>Response</b> |
|                             | 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 |
|---------------|--|---|----------|
|               | <b>Submission of Estimated Expenses Statements</b> | <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.

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

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

**BRADY  
DREASLER**  
*CORPORATE  
DIRECTOR  
OF  
ENGINEERING*

04/02/2018

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

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

|  |  |
|--|--|
| <p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.</p> |  |
| <p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>  | <p><b>BRADY<br/>DREASLER<br/>CORPORATE<br/>DIRECTOR<br/>OF<br/>ENGINEERING</b></p> <p>04/02/2018</p> |

## Attachments