



(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 **07/21**
Submitted: **/2020**

Applicant Information

Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|---|---|----------------------|-------------------------------|---------------------------------|
| KTIV License, LLC Doing Business As: KTIV License, LLC | Brady Dreasler PO Box 909 Quincy, IL 62306 United States | +1 (217) 223-5100 | bdreasler@quincymedia. com | Limited Liability 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 |
|---|--|-----------------------|--------------------|
| Tony zumMallen <i>QCommunications</i> | Tony zumMallen 705B SE Melody LN #314 Lees Summit, MO 64063 United States | +1 (816) 729- 1177 | tony@qcom1. 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 |
|---|--|--------------------------|
| Existing Transmitter Description | Type of change | Purchase New |
| | Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is this transmitter currently shared with another station? | No |
| | Is this transmitter currently in operating condition? | Yes |
| Existing Transmitter Manufacturer and Type | Manufacturer | |
| | Model | PowerCD |
| | Year | 2006 |
| | Type | Inductive 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 | 62.9 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 |
| HVAC Service | Does the replacement transmitter require HVAC Service? | Yes |
| | Type | Cooling Only |
| | Size | 25 tons |
| | Other Size | N/A |
| Transmitter Building Addition/Modification or Leasehold Improvement | Does the Transmitter Building require an addition, modification, other leasehold improvement? | No |
| | Size | N/A |
| Channel 14 Costs | 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 |
|-------------------------------|---|
| Transmitter - Training | Transmitter training - offsite - 1 week in duration at mfg site. |
| RF Accessories-other | RF Accessories on Gates Q-62047 for transmitters not captured on existing line items |
| Site Survey - TX | Site survey and report are required to be performed before the new transmitter and components installation plan can be finalized. |

| | |
|--|--|
| ELECTRICAL EQ INSTALLATION | INT AND MAIN TX REQUIRE NEW ELECTRICAL SYSTEMS INSTALLATIONS |
| Securirty - Site | This site requires security once the new transmission line and equipment arrive on site to be installed. Estimated length of 4-6 weeks. |
| Transmitter Site Preparation | Site prep for installation of the interim and main transmitters and RF components not part of Installation SOW. |
| TX Install Parts | Adapters, flange, pipe hangers |
| Channel 14 remediation | 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. |
| Freight - MFG | Freight- from MFG to staging area or station |
| Sales Tax - Non Exempt -IA | KTIV is not tax exempt from Iowa Sales tax - Gates calculates |
| Disconnect existing Transmitter | Disconnect transmitter and components from existing configuration and move within building to make way for new facilities. |
| Install new circuit for Air load 3. | New 208v circuit for air load #3. |
| Demo Conduit and Wire | Demolition all non-utilized conduit to old transmitter & equipment. |
| Security System | Installed conduit as required for security camera system. |

**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 |
| HVAC Service | Does the replacement transmitter require HVAC Service? | Yes |
| | Type | Cooling Only |
| | Size | 25 tons |
| | Other Size | N/A |
| Transmitter Building Addition/Modification or Leasehold Improvement | Does the Transmitter Building require an addition, modification, other leasehold improvement? | No |
| | Size | N/A |
| Channel 14 Costs | 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 |
| Inside RF System | 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 |
| Freight - TX eq | Freight from the mfg to stations TX site. |

| | |
|-------------------------------------|---|
| Transmitter Site Preparation | Site prep for installation of the interim and main transmitters and RF components not part of Installation SOW. |
|-------------------------------------|---|

Antennas

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

**Primary
Antenna**

Existing Antenna Information

| Section | Question | Response |
|---|--|--------------------|
| Existing Antenna Description | Type of change | Purchase New |
| | Antenna Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is the existing antenna shared with another station or stations? | No |
| | Is the existing antenna directional? | No |
| | Is antenna in operating condition? | Yes |
| | Is antenna located on or in close proximity to an antenna farm? | Yes |
| Existing Antenna Manufacturer and Type | Class | Full Power |
| | Mounting | Top Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Horizontal |
| | Type | Slotted Coaxial |
| | Number of Stations Supported | N/A |
| | Number of Panels | N/A |
| | Design power capacity in use | N/A |
| | Lower Limit | N/A |
| | Upper Limit | N/A |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 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-31ETT |
| | | |

| | |
|-------------------------------|--|
| Year | 2017 |
| Justification for New Antenna | Required to operate on the new channel assignment. Ch14 special case. FAA height restrictions. E-POL has been added and that will be treated as an upgrade which is not reimbursable. \$240,000 is verified. |

Primary Antenna

Other Antenna Costs

| Section | Question | Response |
|------------------------------------|---|------------------------|
| Combiner for Shared Antenna | 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 |
| Elbow Complex | Do you require the separate purchase of the Elbow Complex? | Yes |
| | Broadband or Single Channel? | Broadband |
| | Feed Line Size | 6 1/8 inches inches |

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

**Primary
Antenna**

Other Antenna Cost Not Listed

| Name | Description |
|-----------------------------------|---|
| SWEEP NEW ANTENNA AND LINE | SWEEP NEW ANTENNA AND LINE |
| FREIGHT EQUIPMENT | FREIGHT FOR THE ANTENNA AND LINE FROM MFG TO STORAGE OR STAGING AREA. |

**Interim
Antenna**

New Antenna Costs

| Section | Question | Response |
|--|--|-------------------|
| New Antenna Description | Use | Interim |
| | Description of Use | N/A |
| | Change Type | Purchase 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 |
| New Antenna Manufacturer and Type | Class | Full Power |
| | Mounting | Side Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Elliptical |
| | Type | Broadband 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) | 300.0 kW |
| | Manufacturer | |
| | Model | TFU-24WB- 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 |
|------------------------------------|---|--------------|
| Combiner for Shared Antenna | 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 |
| Elbow Complex | Do you require the separate purchase of the Elbow Complex? | Yes |
| | Broadband or Single Channel? | B |
| | Feed Line Size | 6 1/8 inches |

| | | |
|---------------------------------|---|-----|
| Side Mount Brackets | Do you require the separate purchase of side mount brackets for an antenna? | No |
| Pattern Scatter Analysis | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | No |
| Sweep Test | 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

| Name | Description |
|----------------------------|----------------------------|
| SWEEP NEW LINE AND ANTENNA | SWEEP NEW ANTENNA AND LINE |

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 | 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 |
| Existing Transmission Line Manufacturer and Type | 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 |
|------------------------------------|---|--|
| New Transmission Line Costs | Use | Primary (Main) |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Type | Rigid |
| | Diameter | 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 |
|---|---|
| Disconnect existing Interior RF components | 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 |
|-------------|-----------|---------|
| 39665 | KMEG | DTV |
| 77451 | KPTH | 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 |
|---|--|---|
| Outside Project Management Services | Do you require outside project management services? | Yes |
| | Number of Hours | 1405 |
| | 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. |
| Outside RF consulting Engineering Services | 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 |
| Attorney and Other Outside Consulting Services | 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 |
| RF Field Engineering Services | 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. |
| Plumbing work for TX cooling systems | New TX Interim and Main required new plumbing systems to be installed |

Other Expenses

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

**Other
Expenses**

Other Expenses Not Listed

| Name | Description |
|-------------------------------|---|
| SITE SAFETY AND CLEARING PREP | CLEAR THE CONTROLLED AREA AROUND THE TOWER OF BRUSH AND APPLY INSECTICIDE TO PREVENT ACCIDENTS AND PROMOTE A SAFE SITE AND MINIMIZING RISK. |

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 Justification |
|---|-----------------------------|---------------------|---|---------------------|----------------------|
| Interim Transmitter ULXTE-30 | \$1,029,337.90 | \$980,937.90 | | \$632,210.55 | |
| Switchgear - industrial 800 amp | \$38,200.00 | \$36,300.00 | N/A | \$4,997.49 | |
| Freight - TX eq | <i>\$8,400.00</i> | \$8,400.00 | est cost to have the interim transmitter delivered from the mfg to transmitter site. per QTE Q-64042 | \$7,700.00 | |
| Sales Tax est | <i>\$41,737.90</i> | \$41,737.90 | as determined by GatesAir in the invoice | \$27,535.61 | |
| Transmitter Site Preparation | <i>\$5,000.00</i> | \$5,000.00 | Site prep for installation of the interim and main transmitters and RF components not part of Installation SOW. | \$5,000.00 | |
| UHF inside RF system including switching | \$147,500.00 | \$140,000.00 | N/A | \$32,765.43 | |
| 25 Ton system | \$91,500.00 | \$87,000.00 | N/A | N/A | |
| 2" Rigid Conduit and Wiring (Cost per foot) | \$13,000.00 | \$12,500.00 | N/A | N/A | |

| | | | | |
|--|-----------------------|-----------------------|---|-----------------------|
| UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW | \$684,000.00 | \$650,000.00 | N/A | \$554,212.02 |
| Primary Transmitter ULXTE-100 | \$2,742,720.72 | \$2,116,893.29 | | \$1,820,605.93 |
| RF Accessories- other | \$89,324.90 | \$89,324.90 | RF Accessories per GatesAir Q-62047 Items C. RF Accessories. Captures required equipment not identified in existing 399 line items. - USE THE LINE C FROM THE ULXTE -72 QUOTE Q-74824 | \$89,324.90 |
| Transmitter - Training | \$3,300.00 | \$3,300.00 | Transmitter training - offsite - 1 week in duration at mfg site. | N/A |
| ELECTRICAL EQ INSTALLATION | \$99,000.00 | \$99,000.00 | ELECTRICAL MODIFICATIONS FOR NEW MAIN AND INTERIM TX. USED THREE FCC LINE ITEMS - OTHER- ELECTRICAL AND MAIN TRANSMITTER - RF AND MAIN TX ELECTRICAL TOTALING 161592.36 | \$98,625.90 |
| TX Install Parts | \$20,847.29 | \$20,847.29 | Costs per actual invoice. Gates invoice US0320883; change orders 79109 and 79109-1. | \$20,847.29 |

| | | | | |
|-------------------------------------|---------------------|--------------|--|--------------|
| Channel 14 remediation | \$25,000.00 | \$25,000.00 | Reduced 10-12-2017 per FCC Verified letter from \$500k to \$25k - to be increased as actual costs are required for remediation. | \$10,000.00 |
| Install new circuit for Air load 3. | \$374.50 | \$374.50 | Costs to pull new 208v circuit for air load #3. Cost per actual invoice. | \$374.50 |
| Security - Site | \$17,500.00 | \$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. | \$15,654.10 |
| Transmitter Site Preparation | \$10,500.00 | \$10,500.00 | Site prep for installation of the interim and main transmitters and RF components not part of Installation SOW. | \$10,500.00 |
| Demo Conduit and Wire | \$716.90 | \$716.90 | Costs to demo non-utilized conduit and wire to old transmitter and equipment. | \$716.90 |
| Security System | \$4,761.50 | \$4,761.50 | Security system to be replaced due to repack. Costs per actual invoice. | \$4,761.50 |
| Sales Tax - Non Exempt -IA | \$133,564.18 | \$133,564.18 | KTIV is not exempt from IOWA state sales tax. Gates calculates sales tax for invoices. see Q62047 and INV TE10004376 | \$101,177.09 |

| | | | | |
|---|--------------------|-------------|--|-------------|
| Freight - MFG | \$17,300.00 | \$17,300.00 | Freight- from MFG to staging area or station | \$13,000.00 |
| Disconnect existing Transmitter | \$25,000.00 | \$25,000.00 | Disconnect transmitter and components from existing configuration and move within building to make way for new facilities. | \$23,500.00 |
| Site Survey - TX | \$25,000.00 | \$25,000.00 | Site survey and report are required to be performed before the new transmitter and components installation plan can be finalized. | \$18,500.00 |
| Additional field engineering time, 10-30 days | \$63,100.00 | \$60,000.00 | N/A | N/A |
| Channel 14 Mask Filter | \$189,500.00 | \$0.00 | per 5-29-19-FCC email recommendation we zeroed out the Mask filer and moved the CH14 Mask Filter dollars to the allotment to the TX line item. | N/A |
| RF Consulting Engineer | \$5,260.00 | \$5,000.00 | N/A | \$0.00 |

| | | | | | |
|---|-------------|-------------|--|-------------|---|
| 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. | \$40,480.00 | |
| 2" Rigid Conduit and Wiring (Cost per foot) | \$13,000.00 | \$12,500.00 | N/A | \$1,599.65 | |
| Transformer 3 phase/480v - 300 KVA | \$36,800.00 | \$40,000.00 | GATES EQ QUOTE AND LOCAL ELECTRIC INSTALL AND EQUIPMENT QUOTE | \$28,480.82 | |
| Switchgear - industrial 800 amp | \$38,200.00 | \$83,440.74 | PER Q-62047 - THE RF ACCESSORIES QUOTE LINE C IS MORE THAN THE PREDETERMINED SWITCHGEAR EST COST. | \$0.00 | Q-6: ACCI - mov It Acc othe kno remc so we the t in S |
| Service entrance 3 phase/800 amp /208 volt | \$14,400.00 | \$13,700.00 | N/A | N/A | |
| UHF - Liquid Cooled Solid State Transmitter 62.9 kW | \$30,771.45 | \$30,771.45 | N/A | \$30,771.45 | |

| | | | | |
|--|----------------|----------------|--|----------------|
| UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW | \$1,788,000.00 | \$1,312,291.83 | ***System Notice: Estimate adjusted and locked because line has been superseded. ***6-3-AMENDED est PER 5-29 email to equal TX plus CH14 Mask Filter Validation. \$1,223,584.00 - TX \$234,809.90 - CH14 Mask Filter. zeroed out MK line | \$1,312,291.83 |
| Sub-total | \$3,772,058.62 | \$3,097,831.19 | N/A | \$2,452,816.48 |
| Total for all systems | \$6,317,333.80 | \$5,516,754.97 | N/A | \$3,793,067.65 |

Components

| Actual Information | |
|---------------------------------|---|
| Description | File Name |
| Switchgear - industrial 800 amp | <p>Component Description: KTIV-GATES INT TX INV TE10004377-3 -line D Quote Q-62042-SWITCHGEAR</p> <p>Amount: \$1,665.83</p> <p>Component Description: Gates - INT TX- KTIV - ELEC line D see Quote Q-62042 -2nd invoice uploaded</p> <p>Amount: \$1,665.83</p> <p>Component Description: Gates - INT TX- KTIV - ELEC line D see inv and quote Q-62042</p> <p>Amount: \$1,665.83</p> |

| | |
|---------------------------------|--|
| Freight - TX eq | Component Description: KTIV-GATES-INT INV TE10004337-3 - FREIGHT Amount: \$7,700.00 |
| Sales Tax est | Component Description: KTIV- GATES-INT TX - Sales tax PORTION OF TE10004377-3 Amount: \$13,622.97 Component Description: 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 Amount: \$13,912.64 |
| Transmitter Site Preparation | Component Description: KTIV-PREP- INTERIM - INV- QC18-057 Amount: \$5,000.00 |

| | |
|--|--|
| UHF inside RF system including switching | <div> Component Description: <p>Gates- INT TX - RF - KTIV - Line C - INV TE10004377-3 Q-62042-76148- ENGR CHANGED RF UNIT</p> </div> <div> Amount: <p>\$10,921.81</p> </div> |
| | <div> Component Description: <p>Gates- INT TX - RF - KTIV - Line C</p> </div> <div> Amount: <p>\$10,921.81</p> </div> |
| | <div> Component Description: <p>Gates- INT TX - RF - KTIV - Line C - for 2nd inv from Quote - Q-62042 uploaded</p> </div> <div> Amount: <p>\$10,921.81</p> </div> |
| 25 Ton system | Information not provided. |
| 2" Rigid Conduit and Wiring (Cost per foot) | Information not provided. |

| | | |
|--|-------------------------------|---|
| UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW | Component Description: | Gates-INT TX - KTIV - 2nd payment- LINES lines A, B and E - of quote Q-62042 uploaded- see for details. |
| | Amount: | \$186,164.25 |
| | Component Description: | KTIV-Gates-INT TX - BALANCE INV TE10004377-3- LINES A, B and E - of quote Q-62042 |
| | Amount: | \$181,883.52 |
| | Component Description: | Gates-INT TX - KTIV - 1/3 dep lines A, B and E - see revised INV and Q-62042 |
| | Amount: | \$186,164.25 |

| | |
|------------------------|--|
| RF Accessories-other | <div data-bbox="699 174 1377 607"> <p>Component Description: KTIV- GATES MAIN - 3RD INV TE10004376-3 LINE C UPGRADE ONLY - ROUNDING DOWN ERROR OF 1 CENT FOR LINE C DUE TO ONE THIRD CALCULATION</p> <p>Amount: \$29,774.96</p> </div> <div data-bbox="699 712 1377 947"> <p>Component Description: KTIV-GATES-RF ACCESS-INV TE10004376 - LINE C - RESUBMITTED 7-27</p> <p>Amount: \$29,774.97</p> </div> <div data-bbox="699 1052 1377 1323"> <p>Component Description: KTIV-Gates-INV TE10004376-2- LINE C. RF Accessories per Q- 62047 - 2nd 1/3 payment OF -72</p> <p>Amount: \$29,774.97</p> </div> |
| Transmitter - Training | Information not provided. |

| | |
|-------------------------------|--|
| ELECTRICAL EQ INSTALLATION | <div> <div> Component Description: Amount: </div> <div> KTIV- SCHRAMM- ELEC MAIN TX- INV 2952 \$20,901.50 </div> </div> <div> <div> Component Description: Amount: </div> <div> KTIV-SCHRAMM- ELEC- MAIN TX - INV 2806 -RESUB- 3-7-19 \$46,954.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> Main - Schramm - electric demo - INV 3140 - PO 20610 \$6,650.05 </div> </div> <div> <div> Component Description: Amount: </div> <div> KTIV-SCHRAMM ELEC -MAIN TX- INV 2873 \$21,044.10 </div> </div> <div> <div> Component Description: Amount: </div> <div> KTIV- SCHRAMM ELEC - CO NEW PO - TO FINISH TX- INV 2857 QUOTE ADDED \$3,076.25 </div> </div> |
| TX Install Parts | <div> <div> Component Description: Amount: </div> <div> Adapters, Flange, Pipe hangers to install tx. US0320883 - PO 19965 - change order 79109 and 79109-1 \$20,847.29 </div> </div> |
| Channel 14 remediation | |

| | |
|-------------------------------|---|
| Component Description: | KTIV-RF NOTIFICATIONS - CH14 LM NOTICES - INV 1005 - QUOTE AND VERIFIED- RESUB 3-7-19-3-21-date change |
| Amount: | \$5,000.00 |

| | |
|-------------------------------|---|
| Component Description: | KTIV- RF NOTIF - LAND MOBILE - INV 1015 |
| Amount: | \$5,000.00 |

| | |
|-------------------------------|---|
| Component Description: | KTIV - RF NOTIFICATIONS - CH14 LM NOTICES - QUOTE AND VERIFIED -RESUB 3-7-19 |
| Amount: | \$5,000.00 |

| | |
|-------------------------------|--|
| Component Description: | KTIV-RF NOTE- INV 1015-CH14 FCC REQUIRES LM NOTIFICATION- LAST PAGE HAS QUOTE WITH PO 20008 THAT CLEARLY SHOWS TWO 5000 PAYMENTS FOR THIS SERVICE THAT HAS BEEN FULLY EARNED |
| Amount: | \$5,000.00 |

| | | | | | | | | | |
|-------------------------------------|---|-------------------------------|--|----------------|------------|-------------------------------|--|----------------|------------|
| | <table> <tr> <td data-bbox="691 98 1114 734">Component Description:</td><td data-bbox="1114 98 1433 734">KTIV-RF NOTE- CH14 REQUIRES LM NOTIFICATION- LAST PAGE HAS QUOTE WITH PO 20008 THAT CLEARLY SHOWS TWO 5000 PAYMENTS FOR THIS SERVICE THAT HAS BEEN FULLY EARNED</td></tr> <tr> <td data-bbox="691 734 1114 788">Amount:</td><td data-bbox="1114 734 1433 788">\$5,000.00</td></tr> <tr> <td data-bbox="691 788 1114 987">Component Description:</td><td data-bbox="1114 788 1433 987">KTIV-RF NOTIF - LAND MOBILE INV 1005</td></tr> <tr> <td data-bbox="691 987 1114 1041">Amount:</td><td data-bbox="1114 987 1433 1041">\$5,000.00</td></tr> </table> | Component Description: | KTIV-RF NOTE- CH14 REQUIRES LM NOTIFICATION- LAST PAGE HAS QUOTE WITH PO 20008 THAT CLEARLY SHOWS TWO 5000 PAYMENTS FOR THIS SERVICE THAT HAS BEEN FULLY EARNED | Amount: | \$5,000.00 | Component Description: | KTIV-RF NOTIF - LAND MOBILE INV 1005 | Amount: | \$5,000.00 |
| Component Description: | KTIV-RF NOTE- CH14 REQUIRES LM NOTIFICATION- LAST PAGE HAS QUOTE WITH PO 20008 THAT CLEARLY SHOWS TWO 5000 PAYMENTS FOR THIS SERVICE THAT HAS BEEN FULLY EARNED | | | | | | | | |
| Amount: | \$5,000.00 | | | | | | | | |
| Component Description: | KTIV-RF NOTIF - LAND MOBILE INV 1005 | | | | | | | | |
| Amount: | \$5,000.00 | | | | | | | | |
| Install new circuit for Air load 3. | <table> <tr> <td data-bbox="691 987 1114 1176">Component Description:</td><td data-bbox="1114 987 1433 1176">Corrected KTIV - Schramm - Elect - INV 3093</td></tr> <tr> <td data-bbox="691 1176 1114 1229">Amount:</td><td data-bbox="1114 1176 1433 1229">\$374.50</td></tr> <tr> <td data-bbox="691 1229 1114 1417">Component Description:</td><td data-bbox="1114 1229 1433 1417">KTIV - Schramm - circuit - INV 3093 - PO 20637</td></tr> <tr> <td data-bbox="691 1417 1114 1536">Amount:</td><td data-bbox="1114 1417 1433 1536">\$374.50</td></tr> </table> | Component Description: | Corrected KTIV - Schramm - Elect - INV 3093 | Amount: | \$374.50 | Component Description: | KTIV - Schramm - circuit - INV 3093 - PO 20637 | Amount: | \$374.50 |
| Component Description: | Corrected KTIV - Schramm - Elect - INV 3093 | | | | | | | | |
| Amount: | \$374.50 | | | | | | | | |
| Component Description: | KTIV - Schramm - circuit - INV 3093 - PO 20637 | | | | | | | | |
| Amount: | \$374.50 | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|---------------------------------|---|-------------------------------|---|----------------|-------------|-------------------------------|--|----------------|------------|-------------------------------|--|----------------|------------|-------------------------------|--|----------------|------------|
| Security - Site | <table> <tr> <td data-bbox="691 98 1114 309">Component Description:</td><td data-bbox="1114 98 1426 309">KTIV-SECURITY-6 /10-6/23-ON SITE- INV-23878</td></tr> <tr> <td data-bbox="691 309 1114 407">Amount:</td><td data-bbox="1114 309 1426 407">\$4,519.68</td></tr> <tr> <td data-bbox="691 407 1114 981">Component Description:</td><td data-bbox="1114 407 1426 981">KTIV- LAST OF 4 INVOICES FOR SITE SECURITY KTIV-KMEG KPTH - 12-21- NO FURTHER INFO. LAST INV FOR 60 HRS FOR PERIOD OF 7-8 TO 7-21 AT 22 DOLLARS PER HR PER LAST PAGE OF QUOTE AND PO</td></tr> <tr> <td data-bbox="691 981 1114 1079">Amount:</td><td data-bbox="1114 981 1426 1079">\$1,412.40</td></tr> <tr> <td data-bbox="691 1079 1114 1290">Component Description:</td><td data-bbox="1114 1079 1426 1290">KTIV-SECURITY-5 /31-6/9 ON SITE INV23792</td></tr> <tr> <td data-bbox="691 1290 1114 1388">Amount:</td><td data-bbox="1114 1290 1426 1388">\$2,942.50</td></tr> <tr> <td data-bbox="691 1388 1114 1877">Component Description:</td><td data-bbox="1114 1388 1426 1877">KTIV- SECURITY - INV 23976- 111-20 THIS 1 OF 4 INV. 2 AND 3 PAID 4TH UPLOADED 12-21- ADDED EMAIL DETAILS OF HRS AND PO MATRIX- RESUB-3-7-19- DATES CORRECTED</td></tr> <tr> <td data-bbox="691 1877 1114 1975">Amount:</td><td data-bbox="1114 1877 1426 1975">\$6,779.52</td></tr> </table> | Component Description: | KTIV-SECURITY-6 /10-6/23-ON SITE- INV-23878 | Amount: | \$4,519.68 | Component Description: | KTIV- LAST OF 4 INVOICES FOR SITE SECURITY KTIV-KMEG KPTH - 12-21- NO FURTHER INFO. LAST INV FOR 60 HRS FOR PERIOD OF 7-8 TO 7-21 AT 22 DOLLARS PER HR PER LAST PAGE OF QUOTE AND PO | Amount: | \$1,412.40 | Component Description: | KTIV-SECURITY-5 /31-6/9 ON SITE INV23792 | Amount: | \$2,942.50 | Component Description: | KTIV- SECURITY - INV 23976- 111-20 THIS 1 OF 4 INV. 2 AND 3 PAID 4TH UPLOADED 12-21- ADDED EMAIL DETAILS OF HRS AND PO MATRIX- RESUB-3-7-19- DATES CORRECTED | Amount: | \$6,779.52 |
| Component Description: | KTIV-SECURITY-6 /10-6/23-ON SITE- INV-23878 | | | | | | | | | | | | | | | | |
| Amount: | \$4,519.68 | | | | | | | | | | | | | | | | |
| Component Description: | KTIV- LAST OF 4 INVOICES FOR SITE SECURITY KTIV-KMEG KPTH - 12-21- NO FURTHER INFO. LAST INV FOR 60 HRS FOR PERIOD OF 7-8 TO 7-21 AT 22 DOLLARS PER HR PER LAST PAGE OF QUOTE AND PO | | | | | | | | | | | | | | | | |
| Amount: | \$1,412.40 | | | | | | | | | | | | | | | | |
| Component Description: | KTIV-SECURITY-5 /31-6/9 ON SITE INV23792 | | | | | | | | | | | | | | | | |
| Amount: | \$2,942.50 | | | | | | | | | | | | | | | | |
| Component Description: | KTIV- SECURITY - INV 23976- 111-20 THIS 1 OF 4 INV. 2 AND 3 PAID 4TH UPLOADED 12-21- ADDED EMAIL DETAILS OF HRS AND PO MATRIX- RESUB-3-7-19- DATES CORRECTED | | | | | | | | | | | | | | | | |
| Amount: | \$6,779.52 | | | | | | | | | | | | | | | | |
| Transmitter Site Preparation | <table> <tr> <td data-bbox="691 1877 1114 2033">Component Description:</td><td data-bbox="1114 1877 1426 2033">KTIV-PREP- MAIN- INV- QC18-057</td></tr> <tr> <td data-bbox="691 2033 1114 2123">Amount:</td><td data-bbox="1114 2033 1426 2123">\$10,500.00</td></tr> </table> | Component Description: | KTIV-PREP- MAIN- INV- QC18-057 | Amount: | \$10,500.00 | | | | | | | | | | | | |
| Component Description: | KTIV-PREP- MAIN- INV- QC18-057 | | | | | | | | | | | | | | | | |
| Amount: | \$10,500.00 | | | | | | | | | | | | | | | | |

| | |
|-----------------------|--|
| Demo Conduit and Wire | <div data-bbox="699 174 1372 367"> <div data-bbox="699 174 1005 210">Component Description:</div> <div data-bbox="1139 174 1372 324">KTIV - Schramm - demo non-utilized conduits - INV 3063 - PO 20637</div> <div data-bbox="699 336 805 367">Amount:</div> <div data-bbox="1139 336 1235 367">\$716.90</div> </div> |
| Security System | <div data-bbox="699 510 1326 703"> <div data-bbox="699 510 1005 546">Component Description:</div> <div data-bbox="1139 510 1326 660">security camera system. KTIV - Schramm - INV 3141 PO 20609</div> <div data-bbox="699 672 805 703">Amount:</div> <div data-bbox="1139 672 1257 703">\$4,761.50</div> </div> |

Sales Tax - Non Exempt -
IA

Component Description: KTIV-GATES-MAIN-
TX-SALES TAX
1ST INV -
TE10004376 - -6-13-
PER 5-21-RFAS-
REMOVED EST
TAX
Amount: N/A

Component Description: Gates - Main Tx -
KTIV - INV for Sales
tax est see Q-
62047. We can true
up on final invoice
for TX if preferred.
Amount: \$44,521.39

Component Description: KTIV - GATES -
MAIN - SALES TAX
AT 7 PERCENT
WAS DUE AND
PAID.
Amount: \$101,177.09

Component Description: KTIV-GATES-MAIN-
TX-SALES TAX
2ND INV -
TE10004376-2- 6-
13- ZEROED OUT
PER RFAS 5-21
Amount: N/A

| | | |
|---|-------------------------------|--|
| Freight - MFG | Component Description: | 7-26-18 - ELIMINATING THE EST TAX FOR THIS SUBMITTAL. |
| | Amount: | N/A |
| | Component Description: | KTIV - US0320883 - freight to ship equipment to site. |
| | Amount: | \$13,000.00 |
| Disconnect existing Transmitter | Component Description: | KTIV- QCOMM- DECOMM - TRANSMITTER - INV Q19-013 |
| | Amount: | \$23,500.00 |
| Site Survey - TX | Component Description: | KTIV - SURVEY - INV-QC18-025 |
| | Amount: | \$18,500.00 |
| Additional field engineering time, 10-30 days | Information not provided. | |
| Channel 14 Mask Filter | Information not provided. | |
| RF Consulting Engineer | Information not provided. | |

| | |
|---|---|
| 25 Ton system | <div data-bbox="699 174 1002 208">Component Description:</div> <div data-bbox="1137 174 1374 607"> KTIV - CW Suter - HVAC system - INV Jc6294 - PO 20546. NOTE: system does not allow for an "&" in the Vendor Name. Vendor name is actually CW Suter & Son, Inc. "And" is used in place of "&". </div> <div data-bbox="699 616 805 645">Amount:</div> <div data-bbox="1137 616 1270 645">\$40,480.00</div> |
| 2" Rigid Conduit and Wiring (Cost per foot) | <div data-bbox="699 786 1002 819">Component Description:</div> <div data-bbox="1137 786 1358 936"> KTIV- SCHRAMM ELEC -CONDUIT- INV 3010- QUOTE ADDED </div> <div data-bbox="699 945 805 974">Amount:</div> <div data-bbox="1137 945 1254 974">\$1,599.65</div> |

Transformer 3 phase/480v
- 300 KVA

Component Description: KTIV-SCHRAMM-
ELEC-
TRANSFORMER-
INV2739

Amount: \$26,970.00

Component Description: Amount to return
due to change order
79109 due to parts
sourced locally.
US0320883 - PO
19965, CO 79109.
See attached cover
letter matrix.

Amount: (\$11,224.80)

Component Description: Gates- Main Tx -
KTIV - Q-62047 -
Line D

Amount: \$4,332.94

Component Description: KTIV- Gates- Main
Tx -Q-62047 - INV
TE10004376-Line D
RESUBMITTED 7-
27

Amount: \$4,332.94

Component Description: KTIV- Gates- Main
Tx -Q-62047 - Line
D - FOR -72 COST

Amount: \$4,332.94

Component Description: KTIV - GATES
MAIN - LINE D
ELECTRIC - OPEN
PER QUOTE

Amount: \$4,069.74

| | |
|--|---|
| Switchgear - industrial 800 amp | <div> <div> Component Description: Gates- MAIN TX - RF KTIV - Q-62047 line C. Amount: \$27,813.58 </div> <div> Component Description: KTIV-Gates- MAIN TX - RF - Q-62047 line C. 5-1 - ZEROED out and added to Line Item - RF Accessories- other Amount: N/A </div> <div> Component Description: KTIV-Gates- MAIN TX 1ST INV TE10004376-- RF - Q-62047 line C.- 6-13 ZEROED OUT AND MOVED TO RF COMP LINE ITEM Amount: N/A </div> </div> |
| Service entrance 3 phase /800 amp/208 volt | Information not provided. |
| UHF - Liquid Cooled Solid State Transmitter 62.9 kW | <div> <div> Component Description: 4th Invoice Main TX; KTIV - Gates - INV US0320883 - PO 19965 - Q-79109 - Q-79109-1 Amount: \$30,771.45 </div> </div> |
| UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW | |

Component Description: Remaining amount
for Line E. INV
US0320883; PO
19965. See cover
letter for further
explanation.

Amount: N/A

Component Description: KTIV- GATES
MAIN- 3RD INV
TE10004376-3-
SEE MATRIX -
LINE A AND B-
UPGRADE ONLY -
SEE NOTES 5-29
FCC EMAIL

Amount: \$416,916.32

Component Description: KTIV-GATES-MAIN
TX -1ST- INVOICE
TE10004376-per Q-
62047 lines A, B
and E
RESUBMITTED 7-
27

Amount: \$447,687.75

Component Description: KTIV- QCOMM -
INSTALLATION -
PROOF CH14
TURN UP
SUPPORT INV
QC19-003

Amount: \$10,000.00

| | |
|-------------------------------|--|
| Component Description: | KTIV-GATES-MAIN TX -2ND- INVOICE TE10004376-2 per Q-62047 lines A, B and E- PER 7-20-18 RFAS- ROUNDED UP 1 CENT. |
| Amount: | \$447,687.76 |

| | |
|-------------------------------|--|
| Component Description: | MAIN TX DEPOSIT INVOICE KTIV per Q-62047 lines A, B and E |
| Amount: | \$603,873.41 |

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 |
|---|-----------------------------|---------------------|---|--------------------|---------------------------|
| Interim Antenna TFU-24WB-1-R | \$111,130.00 | \$106,200.00 | | \$29,541.56 | |
| UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 300 kW input, directional,, elliptically or circularly polarized | <i>\$0.00</i> | \$0.00 | Cost of antenna is included in the KPTH deal. Shared with KTIV, KPTH and KMEG. | N/A | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | \$6,400.00 | N/A |
| New combiner, cost per channel (without antenna) | \$84,200.00 | \$80,000.00 | each station requires a combiner to make the interim shared line and antenna work. | \$12,000.00 | N/A |
| Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed) | \$13,700.00 | \$13,300.00 | This cost will be shared with KPTH and KTIV, and KPTH is purchasing this equipment. | \$11,141.56 | N/A |
| SWEEP NEW LINE AND ANTENNA | <i>\$6,500.00</i> | \$6,500.00 | SWEEP FINAL CONFIGURATION OF INTERIM ANTENNA AND LINE BEFORE TURN UP. | N/A | N/A |

| | | | | | |
|--|---------------------|---------------------|--|---------------------|-----------------------------|
| Primary Antenna TFU-31ETT | \$345,430.00 | \$319,233.60 | | \$288,729.02 | |
| Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed) | \$13,700.00 | \$25,725.60 | Per invoice actual costs. | \$25,725.60 | Per actual costs of invoice |
| FREIGHT EQUIPMENT | \$25,000.00 | \$25,000.00 | FREIGHT FOR ANTENNA AND LINE FOR THE INTERIM AND MAIN NEW SYSTEM FROM MFG TO STORAGE OR STAGING AREA. | \$12,848.54 | N/A |
| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized | \$289,500.00 | \$251,608.00 | Verified amount 10-12-17 - the change in antenna from the preliminary model does not affect the verified amount. 4/28/20 Increased to \$251,608 due to actual costs of invoices. | \$239,644.88 | N/A |
| SWEEP NEW ANTENNA AND LINE | \$10,500.00 | \$10,500.00 | SWEEP FINAL CONFIGURATION OF INTERIM ANTENNA AND LINE BEFORE TURN UP. MAY REQUIRE MULTIPLE SWEEPS. | \$4,750.00 | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | \$5,760.00 | N/A |
| Sub-total | \$456,560.00 | \$425,433.60 | N/A | \$318,270.58 | N/A |

| | | | | | |
|------------------------------|----------------|----------------|-----|----------------|-----|
| Total for all systems | \$6,317,333.80 | \$5,516,754.97 | N/A | \$3,793,067.65 | N/A |
|------------------------------|----------------|----------------|-----|----------------|-----|

Components

| Actual Information | |
|---|--|
| Description | File Name |
| 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 | <p>Component Description: KTIV- DIE - SWEEP INT ANT - INV 323009</p> <p>Amount: \$6,400.00</p> |
| New combiner, cost per channel (without antenna) | <p>Component Description: KTIV-QCOMM-COMBINER INSTALLATION FOR INTERIM OPERATIONS INV QC19-006</p> <p>Amount: \$12,000.00</p> |
| Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed) | <p>Component Description: KTIV- DIE - INTERIM ELBOW COMPLEX PARTS - INV 277011</p> <p>Amount: \$9,000.00</p> <p>Component Description: KTIV- INTERIM ANT LINE REDUCER CONNECTION - PART PLUS FREIGHT - NOT QUOTED.</p> <p>Amount: \$2,141.56</p> |

| | | |
|---|---|--|
| SWEEP NEW LINE AND ANTENNA | Information not provided. | |
| Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed) | Component Description: Amount: | ELBOW - DEPOSIT 10% - LINE 4 \$925.50 |
| | Component Description: Amount: | ERI - Includes sales tax and freight not estimated on original quote. INV 52309; PO 20475 \$15,753.42 |
| | Component Description: Amount: | Line 4 Elbow - INV 139009 - sales order 402001 \$971.73 |
| | Component Description: Amount: | KTIV-DIE-ELBOW - 2ND 45% - LINE 4. 3-29-uploaded Order Conf. 402001 - Line 26 is V-POL upgrade not billed to FCC \$4,835.70 |
| | Component Description: Amount: | ELBOW - 35% - LINE 4. \$3,239.25 |
| | Component Description: Amount: | KTIV-DIE-MAIN- 2ND 45PERCENT - INV MAN00247 LINE 4. Order Conf - 402001 \$4,835.70 |

FREIGHT EQUIPMENT

Component Description: KTIV- DIE
FREIGHT FOR
MAIN LINE PARTS
INV 242028
Amount: \$420.07

Component Description: KTIV-DIE-
FREIGHT -
INTERIM ELBOX
COMPLEX INV
277011
Amount: \$1,049.64

Component Description: KTIV-MAIN ANT -
FREIGHT- INV-
162009
Amount: \$11,378.83

UHF - High Power Top
Mount (200-1000 kW), One
station antenna , elliptically
or circularly polarized

Component Description:

Revised. Line 1 -
Antenna. INV
139009. Sales
order 402001
\$16,608.00

Amount:

Component Description:

KTIV-DIE-MAIN-
2ND 45PERCENT -
INV MAN00247
LINES 1,2 AND 3.
Order Conf -
402001. V-POL
upgrade is line 26
not billed to FCC.
INV LESS
18,765.00
UPGRADE -
amended 399
Antenna model
\$111,518.44

Amount:

Component Description:

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.
\$111,518.44

Amount:

Component Description:

MAIN ANTENNA -
DEPOSIT 10%
LINES 1,2 AND 3.
\$24,781.88

Amount:

Component Description:

MAIN-ANTENNA-
35% 11/1- LINES
1,2 AND 3.
\$86,736.56

Amount:

| | |
|-----------------------------------|--|
| SWEEP NEW ANTENNA AND LINE | <div> Component Description: KTIV- RUCK - MAIN LINE AND ANT SWEEP FOR TURN UP ON CH14 - INV 1801294 </div> <div> Amount: \$4,750.00 </div> |
| Sweep test of existing antenna | <div> Component Description: MAIN ANTENNA - SWEEP TEST - DEPOSIT 10% - LINE 25 </div> <div> Amount: \$640.00 </div> |
| | <div> Component Description: KTIV-DIE-MAIN- 2ND 45PERCENT - INV MAN00247 LINE 25. Order Conf - 402001. </div> <div> Amount: \$2,880.00 </div> |
| | <div> Component Description: MAIN ANTENNA SWEEP- 35%-LINE 25. </div> <div> Amount: \$2,240.00 </div> |
| | <div> Component Description: KTIV-MAIN SWEEP- 2ND 45%- LINE 25. MAN00247 </div> <div> Amount: \$2,880.00 </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 | | \$509,882.24 | |
| 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. | \$15,000.00 | N/A |
| Rigid Transmission Line - copper, 7 3 /16" | \$620,600.00 | \$590,640.00 | N/A | \$494,882.24 | N/A |
| Sub-total | \$635,600.00 | \$605,640.00 | N/A | \$509,882.24 | N/A |
| Total for all systems | \$6,317,333.80 | \$5,516,754.97 | N/A | \$3,793,067.65 | N/A |

Components

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

| | | |
|--|-------------------------------|--|
| Disconnect existing Interior RF components | Component Description: | KTIV-QCOMM DECOMM - RF COMPONENTS INV QC19-013 |
| | Amount: | \$15,000.00 |
| Rigid Transmission Line - copper, 7 3/16" | Component Description: | KTIV- DIE - MAIN LINE PARTS INV 242048 INV 2 OF PO 20350 |
| | Amount: | \$1,300.00 |
| | Component Description: | Elbow and cut line. Revised Dielectric invoice 317001 with cover sheet |
| | Amount: | \$7,605.00 |
| | Component Description: | Revised invoice 277013. See attached order confirmation 402001 |
| | Amount: | \$4,939.69 |
| | Component Description: | Freight for lines 44&45, cut line pieces - freight for Line 48 on order conf 402001. INV 318006 |
| | Amount: | \$11,649.86 |
| | Component Description: | Line 5 - sales order 402001 - INV 139009 |
| | Amount: | \$41,771.70 |

| | |
|-------------------------------|---|
| Component Description: | Dielectric - T/L, elbow - INV 317001 - PO 19938 |
| Amount: | \$7,605.00 |

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|-------------------------------|---|
| Component Description: | KTIV- DIE LINE PARTS FOR MAIN INV 252015 QUOTE 1696618 |
| Amount: | \$3,500.00 |

| | |
|-------------------------------|---------------------------------------|
| Component Description: | TX LINE - MAIN - 35% -11/1 LINE 5. |
| Amount: | \$163,630.95 |

| | |
|-------------------------------|---|
| Component Description: | KTIV - Dielectric - T /L length - INV 187002 - PO 19938 |
| Amount: | \$5,618.15 |

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|-------------------------------|---|
| Component Description: | KTIV-DIE-ANT LINE - 2ND 45% INV MAN00247 - LINES 5,30 AND 31 |
| Amount: | \$213,570.34 |

| | |
|-------------------------------|--|
| Component Description: | KTIV-DIE-MAIN- 2ND 45PERCENT - INV MAN00247 LINES 5,30 AND 31. Order Conf - 402001. |
| Amount: | \$213,570.34 |

| | |
|-------------------------------|---|
| Component Description: | KTIV- DIE -LINE PARTS FOR MAIN ANTENNA - INV 242008 PO 20350 |
| Amount: | \$163.00 |

| | |
|-------------------------------|--|
| Component Description: | Dielectric - T/L, freight - INV 318006, PO 19938 |
| Amount: | \$11,649.86 |

| | |
|-------------------------------|------------------------------|
| Component Description: | MAIN-TX LINE- 10% LINE 5. |
| Amount: | \$46,751.70 |

| | |
|-------------------------------|---|
| Component Description: | Dielectric - T/L, xfmr, freight - INV 277013 - PO 19938 |
| Amount: | \$4,939.69 |

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 | | \$194,451.10 | |
| Major tower reinforcement /modifications | \$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 |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | \$421,000.00 | \$400,000.00 | N/A | \$194,451.10 | N/A |
| Sub-total | \$862,000.00 | \$819,000.00 | N/A | \$194,451.10 | N/A |
| Total for all systems | \$6,317,333.80 | \$5,516,754.97 | N/A | \$3,793,067.65 | N/A |

Components

| Actual Information | |
|--|---------------------------|
| Description | File Name |
| Major tower reinforcement /modifications | Information not provided. |

| | | |
|---|-------------------------------|---|
| Structural engineering tower load study for a documented tower with candelabra | Information not provided. | |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas) | Component Description: | KTIV - PCI - additional weather days and work outside of scope of Prop 17616-5. See attached addendum |
| | Amount: | \$19,848.50 |
| | Component Description: | KTIV- PCI - ANT INSTALL - ACCEPTANCE |
| | Amount: | INV - 7473 \$53,917.30 |
| | Component Description: | KTIV - PCI - 3 weather days - INV 7440 - PO 20012. T&C 2 (a) |
| | Amount: | \$12,840.00 |
| | Component Description: | Final invoice on PO 20012; Tower work; INV 7573; PO 20012. Amount includes taxes not calculated on original PO. |
| | Amount: | \$53,928.00 |
| | Component Description: | KTIV-TOWER CREW ARRIVAL 5-2-18- AT SITE INV. 7241 |
| | Amount: | \$53,917.30 |

**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 Justification |
|--|--------------------------------|---------------------|--|---------------------|----------------------------------|
| Outside Professional Services | \$476,535.18 | \$456,735.18 | | \$307,288.29 | |
| Plumbing work for TX cooling systems | <i>\$33,384.00</i> | \$33,384.00 | KTIV- Plumbing for cooling systems fro new transmitters both Interim and Main. per local contractor Quote attached to inv. | \$9,850.00 | |
| Vendor Travel Expenses | <i>\$21,485.00</i> | \$21,485.00 | Reimbursable Vendor Travel expenses for working in the field on behalf of the station for the Repack project - see quote for estimated expenses. Q- 17002-3-8-19 MINUS 480.00 TO OFFSET QC18-018 BEING CHARGED TO PM. | \$18,978.61 | 4-2-u revise QC17 corre |
| 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 | |

| | | | | | |
|---|--------------------|-------------|--|-------------|-------------------|
| General Repack Legal Services | \$20,095.57 | \$20,095.57 | memo-QMI Repack Invoice Memo for Shared Legal Expenses (Matter 104411 00054) for Form 399- 3-5-19 - legal services budget required additional funds to complete the PH 1 CH14 and shared facilities issues. Consolidate other open Legal billable line items. | \$20,095.57 | Actual invoice |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00 | \$3,000.00 | N/A | \$0.00 | |
| Address transition timing and coordination issues w/ other stations and wireless | \$2,630.00 | \$2,500.00 | N/A | N/A | |

| | | | | |
|---|--------------|--------------|--|--------------|
| Project management of the transition | \$221,990.00 | \$210,750.00 | QC18-018-480.00 WAS NOT SPLIT OUT TO PM TRAVEL LINE ITEM CAUSING THE PM TOTAL TO BE OVER REPORTED BY 480.00 AND TRAVEL UNDERSTATED 480.00. WE WILL REDUCE TRAVEL BY THE SAME AMOUNT. | \$210,622.50 |
| Comprehensive coverage verification via field study, if needed | \$84,200.00 | \$80,000.00 | N/A | N/A |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | \$14,720.00 | \$14,000.00 | N/A | N/A |
| Attorney Fees - Negotiation of lease and other matters for shared locations | \$4,210.00 | \$4,000.00 | N/A | \$1,895.00 |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application | \$2,365.00 | \$2,250.00 | N/A | N/A |

| | | | | | |
|--|------------|------------|-----|------------|---|
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00 | \$5,000.00 | N/A | \$4,901.00 | |
| Prepare request for Special Temporary Authorization | \$8,200.00 | \$6,000.00 | N/A | \$1,500.00 | |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | \$1,580.00 | \$1,500.00 | N/A | \$1,175.00 | |
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$7,000.00 | N/A | \$0.00 | NEW C 14 AN AND APPL REC MOR THE I AMO ATTI DUE - MC INTERI IS: |

| | | | | |
|--|--------------------|----------------|---|----------------|
| Electric work and materials for Interim and Main | \$38,270.61 | \$38,270.61 | ***System Notice: Estimate adjusted and locked because line has been superseded. ***ELECTRICAL MATERIALS AND WORK FOR BOT INTERIM AND MAIN TRANSFORMER PER SCHRAMM QUOTE AND PO 20224. | \$38,270.61 |
| Prepare and or review reimbursement form | \$2,630.00 | \$2,500.00 | N/A | N/A |
| Sub-total | \$476,535.18 | \$456,735.18 | N/A | \$307,288.29 |
| Total for all systems | \$6,317,333.80 | \$5,516,754.97 | N/A | \$3,793,067.65 |

Components

| Actual Information | |
|--------------------------------------|--|
| Description | File Name |
| Plumbing work for TX cooling systems | Component Description: KTIV- FOULK - PLUMBING INV 3802866 - PROGRESS PAYMENT |
| | Amount: \$6,000.00 |
| | Component Description: KTIV- FOULK - PLUMBING INV 381368 - 2ND INV FOR PROGRESS PAYMENT |
| | Amount: \$3,850.00 |

| | | | | | | | | | | | | | | | | | |
|-------------------------------|---|-------------------------------|--|----------------|------------|-------------------------------|--|----------------|-------------|-------------------------------|--|----------------|---------|-------------------------------|--|----------------|----------|
| Vendor Travel Expenses | <table> <tr> <td data-bbox="719 181 1023 208">Component Description:</td><td data-bbox="1158 181 1374 483">KTIV-QCOMM- PM-Travel expenses INV - QC17-144- QUOTE QC17002 - RFAS DOES NOT AFFECT THIS ITEM</td></tr> <tr> <td data-bbox="719 501 826 528">Amount:</td><td data-bbox="1158 501 1273 528">\$2,418.61</td></tr> <tr> <td data-bbox="719 640 1023 667">Component Description:</td><td data-bbox="1158 640 1374 786">KTIV-QCOMM- PM TRAVEL-AUG- NOV-18 -INV QC19-015</td></tr> <tr> <td data-bbox="719 804 826 831">Amount:</td><td data-bbox="1158 804 1289 831">\$16,560.00</td></tr> </table> | Component Description: | KTIV-QCOMM- PM-Travel expenses INV - QC17-144- QUOTE QC17002 - RFAS DOES NOT AFFECT THIS ITEM | Amount: | \$2,418.61 | Component Description: | KTIV-QCOMM- PM TRAVEL-AUG- NOV-18 -INV QC19-015 | Amount: | \$16,560.00 | | | | | | | | |
| Component Description: | KTIV-QCOMM- PM-Travel expenses INV - QC17-144- QUOTE QC17002 - RFAS DOES NOT AFFECT THIS ITEM | | | | | | | | | | | | | | | | |
| Amount: | \$2,418.61 | | | | | | | | | | | | | | | | |
| Component Description: | KTIV-QCOMM- PM TRAVEL-AUG- NOV-18 -INV QC19-015 | | | | | | | | | | | | | | | | |
| Amount: | \$16,560.00 | | | | | | | | | | | | | | | | |
| Quarterly reporting | Information not provided. | | | | | | | | | | | | | | | | |
| General Repack Legal Services | <table> <tr> <td data-bbox="719 1046 1023 1072">Component Description:</td><td data-bbox="1158 1046 1342 1151">KTIV-BROOKS- JUNE18-INV 3954662</td></tr> <tr> <td data-bbox="719 1169 826 1196">Amount:</td><td data-bbox="1158 1169 1241 1196">\$99.00</td></tr> <tr> <td data-bbox="719 1308 1023 1335">Component Description:</td><td data-bbox="1158 1308 1369 1370">Brooks-General - Sept-17-INV 1/7th</td></tr> <tr> <td data-bbox="719 1388 826 1415">Amount:</td><td data-bbox="1158 1388 1241 1415">\$80.57</td></tr> <tr> <td data-bbox="719 1527 1023 1554">Component Description:</td><td data-bbox="1158 1527 1374 1673">general legal period ending 1/31 /2020. INV 3977751</td></tr> <tr> <td data-bbox="719 1691 826 1718">Amount:</td><td data-bbox="1158 1691 1241 1718">\$52.00</td></tr> <tr> <td data-bbox="719 1830 1023 1856">Component Description:</td><td data-bbox="1158 1830 1358 1935">KTIV- BROOKS - MAR18- INV3951194</td></tr> <tr> <td data-bbox="719 1953 826 1980">Amount:</td><td data-bbox="1158 1953 1257 1980">\$148.50</td></tr> </table> | Component Description: | KTIV-BROOKS- JUNE18-INV 3954662 | Amount: | \$99.00 | Component Description: | Brooks-General - Sept-17-INV 1/7th | Amount: | \$80.57 | Component Description: | general legal period ending 1/31 /2020. INV 3977751 | Amount: | \$52.00 | Component Description: | KTIV- BROOKS - MAR18- INV3951194 | Amount: | \$148.50 |
| Component Description: | KTIV-BROOKS- JUNE18-INV 3954662 | | | | | | | | | | | | | | | | |
| Amount: | \$99.00 | | | | | | | | | | | | | | | | |
| Component Description: | Brooks-General - Sept-17-INV 1/7th | | | | | | | | | | | | | | | | |
| Amount: | \$80.57 | | | | | | | | | | | | | | | | |
| Component Description: | general legal period ending 1/31 /2020. INV 3977751 | | | | | | | | | | | | | | | | |
| Amount: | \$52.00 | | | | | | | | | | | | | | | | |
| Component Description: | KTIV- BROOKS - MAR18- INV3951194 | | | | | | | | | | | | | | | | |
| Amount: | \$148.50 | | | | | | | | | | | | | | | | |

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|-------------------------------|---|
| Component Description: | KTIV - BROOKS - APRIL18- INV3952577 |
| Amount: | \$330.00 |

| | |
|-------------------------------|--|
| Component Description: | Brooks-General - AUG 17 - inv 1/7th |
| Amount: | \$117.85 |

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|-------------------------------|--|
| Component Description: | KTIV-BROOKS- LEGAL INV 3949052 - JAN18 |
| Amount: | \$49.50 |

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|-------------------------------|--|
| Component Description: | General Repack Legal services for period ending March, 2018. \$28.29 is KTIV portion. |
| Amount: | \$28.29 |

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|-------------------------------|--|
| Component Description: | Revised - See Cover letter for explanation of breakdwon between stations. General Repack Legal Services for period ending January 2018 |
| Amount: | \$35.35 |

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|-------------------------------|--|
| Component Description: | KTIV Repack Legal Services; KTIV license |
| Amount: | \$52.00 |

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|-------------------------------|---|
| Component Description: | 10/28/19 KTIV- Brooks-Gen Legal Dec. '17, INV 3947925 \$40.29 is KTIV portion |
| Amount: | \$40.29 |

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|-------------------------------|--|
| Component Description: | KTIV - Brooks - Legal for period ending Aug 31, 2019 - INV 3970120 |
| Amount: | \$208.00 |

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|-------------------------------|--|
| Component Description: | Legal services for repack for period ending December 2017 |
| Amount: | \$658.00 |

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|-------------------------------|---|
| Component Description: | General Repack legal services for KTIV for period ending February, 2018. \$28.29 KTIV portion. See attached cover sheet. |
| Amount: | \$28.29 |

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|-------------------------------|--|
| Component Description: | General Repack Legal Services for period ending April 2018. \$28.28 is KTIV portion. |
| Amount: | \$28.28 |

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|-------------------------------|---|
| Component Description: | KTIV- BROOKS JULY18-LEGAL INV 3955730 |
| Amount: | \$1,386.00 |

| | |
|-------------------------------|--|
| Component Description: | KTIV- BROOKS - MAY18 - INV 3953757 |
| Amount: | \$396.00 |

| | |
|-------------------------------|------------------------------------|
| Component Description: | Brooks-General- NOV17-inv 1/7th |
| Amount: | \$221.57 |

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|-------------------------------|---|
| Component Description: | KTIV - LEGAL fees - FEB18 - INV 3950146 4- 16- changed inv date |
| Amount: | \$49.50 |

| | |
|-------------------------------|---|
| Component Description: | KTIV-BROOKS - LEGAL DEC18 - INV 3960716 |
| Amount: | \$6,637.50 |

| | |
|-------------------------------|--|
| Component Description: | KTIV-BROOKS- LEGAL AUG18 - INV 3957117 |
| Amount: | \$2,161.50 |

| | |
|-------------------------------|------------------------------------|
| Component Description: | Brooks-General Fee May-17-1/7th |
| Amount: | \$190.85 |

| | |
|-------------------------------|---|
| Component Description: | KTIV-BROOKS- GEN LEGAL JULY17 INV 3942230 -RESUB 3-7-19-3-21 ADDED GEN MEMO |
| Amount: | \$275.00 |

| | |
|-------------------------------|-------------------------------------|
| Component Description: | Brooks-General- OCT17- inv 1/7th |
| Amount: | \$322.28 |

| | |
|-------------------------------|---|
| Component Description: | KTIV-BROOKS - LEGAL DEC18 INV 3961871 |
| Amount: | \$247.50 |

| | |
|-------------------------------|--|
| Component Description: | Brooks General - JUNE 17 -inv-1 /7th INV 3941325 CL |
| Amount: | \$266.44 |

| | |
|-------------------------------|--|
| Component Description: | KTIV-BROOKS- LEGAL - OCT18 - INV 3959627 |
| Amount: | \$1,914.00 |

| | |
|-------------------------------|--|
| Component Description: | KTIV Repack Legal Services; KTIV License |
| Amount: | \$208.00 |

| | |
|-------------------------------|--|
| Component Description: | Brooks-General- July 17 - inv 1/7th |
| Amount: | \$275.00 |

| | |
|-------------------------------|--|
| Component Description: | KTIV- BROOKS GEN LEGAL - JUNE17 - INV 3941325 RESUB 3-7-19 |
| Amount: | \$266.44 |

| | | |
|--|---|--|
| | Component Description: Amount: | KTIV - Brooks - Gen Legal May 2020 - INV 3982753 \$52.00 |
| | Component Description: Amount: | KTIV-BROOKS GEN LEGAL MAY17-INV 3940170 - RESUB 3-7-19 - 3-21- ADDED GENERAL MEMO 11-17 \$190.86 |
| | Component Description: Amount: | KTIV - BROOKS LEGAL SEPT18 - INV 3958277 \$3,811.50 |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | Component Description: Amount: | ENGR - CP - \$1,885.00 |
| Address transition timing and coordination issues w/ other stations and wireless | Information not provided. | |

| | |
|--|--|
| Project management of the transition | Component Description: KTIV-QCOMM-PM 8-18-17- INV QC18-018 Amount: \$23,295.00 |
| | Component Description: KTIV-QCOMM - PM AUG-NOV 18 - INV QC19-015 Amount: \$59,175.00 |
| | Component Description: KTIV-QCOMM-PM-INV QC17-144 -MAR THRU AUG17- QTE QC17002-RFAS INFO UPLOADED Amount: \$24,187.50 |
| | Component Description: KTIV- QCOMM-PM-APRIL-JULY18 -INV QC18-063 PO 19807-20391 ADDED CL Amount: \$78,577.50 |
| | Component Description: KTIV- PM- 1 THRU 3-18 INV QC18-047 Amount: \$25,387.50 |
| | |
| Comprehensive coverage verification via field study, if needed | Information not provided. |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | Information not provided. |

| | |
|---|--|
| <p>Attorney Fees - Negotiation of lease and other matters for shared locations</p> | <p>Component Description: CH 14 NEW FACILITY SHARED WITH KPTH AND KMEG</p> <p>Amount: \$1,895.00</p> |
| <p>Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application</p> | <p>Information not provided.</p> |

| | | |
|--|-------------------------------|---|
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | Component Description: | Brooks- Legal-KTIV-NOV17-inv |
| | Amount: | \$329.00 |
| | Component Description: | ATTY FEES - KTIV - JUNE 17 CP |
| | Amount: | \$359.00 |
| | Component Description: | ATTY - CP SEPT 17 FEES |
| | Amount: | \$141.00 |
| | Component Description: | ATTY FEES CP - AUG 17 KTIV |
| | Amount: | \$2,820.00 |
| | Component Description: | Brooks-KTIV-NOV17-legal-inv |
| | Amount: | \$47.00 |
| | Component Description: | ATTY FEES CP - KTIV MAY17 |
| | Amount: | \$752.00 |
| | Component Description: | ATY FEES MAY 17 CP |
| | Amount: | \$453.00 |
| Prepare request for Special Temporary Authorization | Component Description: | KTIV-LOHNES-STA- INV 201809-0275-09-1 - 3-21 ADDED RATE SHEET |
| | Amount: | \$1,500.00 |

| | |
|---|--|
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | Component Description: KTIV-LOHNES-FORM 2100- PREP- INV 201811-0275-09- 1- 3-21 ADDED RATE SHEET Amount: \$1,175.00 |
| Perform engineering study for new channel assignment and antenna development | Component Description: ENGR - NEW CHANNEL AND 399 Amount: \$2,850.00 Component Description: CP ALT CH ANALYSIS Amount: \$5,210.00 |
| Electric work and materials for Interim and Main | Component Description: KTIV-SCHRAMM- ELEC-INV 2781 6- 13-corrected \$ Amount: \$21,613.38 Component Description: KTIV-SCHRAMM ELEC-INV2759 Amount: \$16,657.23 |
| 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 Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|-----------------------------|----------------|---|-------------|---------------------------|
| Other Expenses | \$63,580.00 | \$63,015.00 | | \$10,358.96 | |
| Develop and air announcement of upcoming channel change | <i>\$15,000.00</i> | \$15,000.00 | Required FCC announcements and good will public relations must we upheld. The production airing and disseminating of these announcements are fundamental to our operations. | N/A | N/A |
| Equipment Storage | <i>\$10,000.00</i> | \$10,000.00 | Expecting multiple staggered equipment deliveries from different vendors and need to store and stage new equipment prior to installation date. Anticipate from 6-24 months of storage time. | \$0.00 | N/A |

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|--|--------------------|-------------|---|------------|-----|
| Disposal Costs (for equipment and other waste, net of any salvage value) | \$10,000.00 | \$10,000.00 | Rent 40 yard dumpster with multiple pickups. Estimated 6-months on site. Potential hazardous waste management issues. | \$4,273.96 | N/A |
| MVPD Notification of Channel Change | \$5,000.00 | \$5,000.00 | Required FCC notifications. | N/A | N/A |
| Equipment Delivery and Handling Charges | \$8,000.00 | \$8,000.00 | Transport and handling fees from staging area to transmitter site. | \$3,135.00 | N/A |
| FCC Filing Fees - Special Temporary Authorization request | \$195.00 | \$190.00 | N/A | N/A | N/A |
| DTV Medical Facility Notification | \$11,550.00 | \$11,000.00 | N/A | \$2,950.00 | N/A |
| FCC Filing Fees - Form 2100 license to cover application | \$335.00 | \$325.00 | N/A | N/A | N/A |

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|--|-------------------|----------------|--|----------------|-----|
| SITE SAFETY AND CLEARING PREP | \$3,500.00 | \$3,500.00 | CLEAR THE CONTROLLED AREA AROUND THE TOWER OF BRUSH AND APPLY INSECTICIDE TO PREVENT ACCIDENTS AND PROMOTE A SAFE SITE AND MINIMIZING RISK. | \$0.00 | N/A |
| Sub-total | \$63,580.00 | \$63,015.00 | N/A | \$10,358.96 | N/A |
| Total for all systems | \$6,317,333.80 | \$5,516,754.97 | N/A | \$3,793,067.65 | N/A |

Components

| Actual Information | |
|---|--|
| Description | File Name |
| Develop and air announcement of upcoming channel change | Information not provided. |
| Equipment Storage | <p>Component Description: KTIV-Storage inv- part of INV1002</p> <p>Amount: \$3,600.00</p> |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <p>Component Description: KTIV- LINDBLOM - ROLLOFF MAY18 - INV 84872- 11-20 stand roll off price no quote. 12-21- ADDED EMAIL RATES FROM LINDBLOM</p> <p>Amount: \$96.30</p> |

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|-------------------------------|---|
| Component Description: | KTIV-LINDBLOM- ROLLOFF - MAY18 - INV 83469 -11-20- this is standard rate roll-off and no quote available- 12- 21-ADDED EMAIL RATE SHEET FROM LINDBLOM |
| Amount: | \$374.25 |

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|-------------------------------|---|
| Component Description: | KTIV-LINDBLOM- DISPOSAL OCT18 - INV 87588 |
| Amount: | \$535.21 |

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|-------------------------------|--|
| Component Description: | KTIV- BIG S DISPOSAL AND MATERIAL HANDLING - INV 8 - 3-7- ADDED QUOTE |
| Amount: | \$1,165.00 |

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|-------------------------------|---|
| Component Description: | KTIV-LINDBLOM- DISPOSAL DEC18 - INV 89278 |
| Amount: | \$69.55 |

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|-------------------------------|---|
| Component Description: | KTIV -LINDBLOM- DISPOSAL NOV18 2ND BOX- 1ST RELEASED 11-9 INV 88276 - LATE FEE DEDUCTED 5 DOLLARS |
| Amount: | \$288.90 |

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|--|-------------------------------|--|
| | Component Description: | KTIV-LINDBLOM - DISPOSAL JAN19 INV 89788 |
| | Amount: | \$99.51 |
| | Component Description: | KTIV-LINDBLOM- DISPOSAL NOV18 INV 88375 |
| | Amount: | \$292.54 |
| | Component Description: | KTIV- LINDBLOM- DISPOSAL - AUG18 - INV 86175 |
| | Amount: | \$688.87 |
| | Component Description: | KTIV-LINDBLOM- DISPOSAL FEB19 INV 89883 |
| | Amount: | \$224.49 |
| | Component Description: | KTIV-LINDBLOM - DISPOSAL JULY18 - INV 85311 |
| | Amount: | \$343.04 |
| | Component Description: | KTIV-LINDBLOM- DISPOSAL SEPT18 -INV 87293 |
| | Amount: | \$96.30 |
| MVPD Notification of Channel Change | Information not provided. | |

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|---|---|
| Equipment Delivery and Handling Charges | <div> Component Description: KTIV- BARHHART-LIFTING AND SETTING NEW CIF FILTER - PART OF MATERIAL HANDLING OF TX INSTALLATION COVERED UNDER GATES INSTALL. INV 46410 </div> <div> Amount: \$2,295.00 </div> |
| | <div> Component Description: KTIV- CASEYS- DELIVERY OF EQ FROM STORAGE STAGING FACILITY. INV 1020 </div> <div> Amount: \$2,500.00 </div> |
| | <div> Component Description: KTIV-BIG S - OFFLOAD TX LINE AND EQUIPMENT FROM DELIVERY TRUCK INV 12 - RESUB W QUOTE 3-7-19 </div> <div> Amount: \$840.00 </div> |
| | <div> Component Description: KTIV- CASEYS DELIVERY OF ADDITIONAL TX LINE FROM STORAGE STAGING FACILITY. 3-8-19 not reimbursable - removing request. zeroed out. </div> <div> Amount: N/A </div> |
| FCC Filing Fees - Special Temporary Authorization request | Information not provided. |

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| DTV Medical Facility Notification | <div> <div> Component Description: Amount: </div> <div> KTIV-RF Notification-inv-1005 \$5,000.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> KTIV-RF NOTIF- MED - INV 1029 \$2,950.00 </div> </div> |
| FCC Filing Fees - Form 2100 license to cover application | Information not provided. |
| SITE SAFETY AND CLEARING PREP | <div> <div> Component Description: Amount: </div> <div> KTIV- SITE CLEARING-PEST- JAY LAN - INV NONE GIVEN - USING ACCOUNT NO. 5961 \$2,006.25 </div> </div> |

| | | | |
|-------------------------|------------------------------|------------------------------------|-----------------------|
| Cost Information | Grand Total | | |
| | | Predetermined Cost Estimate | Estimated Cost |
| | | | Actual Cost |
| | Total for all systems | \$6,317,333.80 | \$5,516,754.97 |
| | | | \$3,793,067.65 |

| | | |
|-----------------------------|--|-----------------|
| Reimbursement Status | Question | Response |
| | The facility has ceased operating on its pre-auction channel. | Yes |
| | 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"> 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. 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 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. | |

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*

07/21/2020

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

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>BRADY DREASLER CORPORATE DIRECTOR OF ENGINEERING</p> <p>07/21/2020</p> |

Attachments