



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **83180** | Service: **DTS** | Call **KKAI** | Channel: **25 (UHF)** |
ID: | Sign:
File **0000028496**
Number:
FRN: **0032881088** | Date **11/07**
Submitted: **/2017**

Applicant Information

Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|---|--|----------|-----------------|---------------------------|
| KAILUA TELEVISION, LLC | CHRISTOPHER RACINE | +1 (808) | MANAGER@KKAI.TV | Limited Liability Company |
| Doing Business As: KAILUA TELEVISION, LLC | PO Box 8969 HONOLULU, HI 96810 United States | 593-5524 | | |

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 |
|--|---|-------------------|-----------------|
| Harry Cole <i>Communications Counsel</i> <i>Fletcher, Heald & Hildreth, LLC</i> | Harry Cole Fletcher, Heald & Hildreth, LLC 1300 N. 17th Street - 11th Floor Arlington, VA 22209 United States | +1 (703) 812-0483 | cole@fhhlaw.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 | | KKAI installing new tower, transmitter, antenna, combiner at one DTS site, new transmitter, antenna, combiner at second DTS site. One site to be shared with at least one other station; second site to be shared with five-plus stations. See attached. |

Transmitters

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

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

| Section | Question | Response |
|---|---|---|
| Existing Transmitter Description | Type of change | Purchase New |
| | Use | Auxiliary (Backup) |
| | Description of Use | Backup transmitter for DTS transmitter |
| | 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 | TXUP 2500 LD |
| | Year | 2003 |
| | Type | Solid State |
| | Solid State Cooling | Air Cooled |
| | Solid State Power Capacity | 1.2 kW |

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

| Section | Question | Response |
|------------------------|---|---|
| New Transmitter | Use | Auxiliary (Backup) |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Manufacturer | |
| | Model | SFT 102 U /XE |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Air Cooled |
| | Solid State Power capacity | 1.2 kW |
| | Justification for New Transmitter | Existing auxiliary transmitter is 14 years old and cannot be retuned to comply with current standards. |

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

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

| | | |
|--|---|--------------|
| | Length | N/A |
| | Other Electrical Service | No |
| | Description | N/A |
| HVAC Service | Does the replacement transmitter require HVAC Service? | Yes |
| | Type | Cooling Only |
| | Size | 5 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 |

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

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

| Section | Question | Response |
|---|---|--|
| Existing Transmitter Description | Type of change | Purchase New |
| | Use | Auxiliary (Backup) |
| | Description of Use | Backup transmitter for main transmitter |
| | 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 | TXUP 2500 LD |
| | Year | 2003 |
| | Type | Solid State |
| | Solid State Cooling | Air Cooled |
| | Solid State Power Capacity | 1.2 kW |

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

| Section | Question | Response |
|-----------------|---|---|
| New Transmitter | Use | Auxiliary (Backup) |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Manufacturer | |
| | Model | SFT 102 U /XE |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Air Cooled |
| | Solid State Power capacity | 1.2 kW |
| | Justification for New Transmitter | Existing auxiliary transmitter is 14 years old and cannot be retuned to comply with current standards. |

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

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

| | | |
|--|---|--------------|
| | Length | N/A |
| | Other Electrical Service | No |
| | Description | N/A |
| HVAC Service | Does the replacement transmitter require HVAC Service? | Yes |
| | Type | Cooling Only |
| | Size | 5 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 |

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

**Primary
Transmitter**

Existing Transmitter Information

| Section | Question | Response |
|---|--|--|
| Existing Transmitter Description | Type of change | Purchase New |
| | Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | 2 |
| | Is this transmitter currently shared with another station? | No |
| | Is this transmitter currently in operating condition? | Yes |
| Existing Transmitter Manufacturer and Type | Manufacturer | |
| | Model | DUAL SCREEN SERVICE SCT 242 UB |
| | Year | 2001 |
| | Type | Solid State |
| | Solid State Cooling | Air Cooled |
| | Solid State Power Capacity | 2.5 kW |
| | | |

**Primary
Transmitter**

New Transmitter Costs

| Section | Question | Response |
|-----------------|---|---|
| New Transmitter | Use | Primary (Main) |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Manufacturer | |
| | Model | SFT 252 U /XE/A |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Air Cooled |
| | Solid State Power capacity | 2.5 kW |
| | Justification for New Transmitter | Current transmitter is 16 years old, was already converted from analog to digital, and cannot be retuned to new channel, according to manufacturer. |

**Primary
Transmitter**

Other Transmitter Costs

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

| | | |
|--|---|--|
| | Size | 3 inches |
| | Length | 120.0 feet |
| | Other Electrical Service | Yes |
| | Description | World War II-vintage building being repurposed for DTS transmitter building. It will require installation of a new electrical meter and related costs (including running line from the meter to the transmitter building). |
| HVAC Service | Does the replacement transmitter require HVAC Service? | Yes |
| | Type | Cooling Only |
| | Size | 5 tons |
| | Other Size | N/A |
| Transmitter Building Addition/Modification or Leasehold Improvement | Does the Transmitter Building require an addition, modification, other leasehold improvement? | Yes |
| | Size | 620.0 square feet |
| 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 |
|--|----------------|-----|

Primary Transmitter **Other Transmitter Cost Not Listed**

| Name | Description |
|---------------------------------|---|
| Related electrical work | Electrical work and related materials (cables, outlets, etc.) to bring power to building and transmitters from meter |
| Logo inserter | To provide station identification |
| Transmitter building renovation | A World War II-vintage building will be repurposed for the transmitter building (to include equipment for up to five stations). Work will include repainting, reflooring, lighting, rewiring, refurbishing. |
| Electrical meter | New site requires new meter from electric company |
| Proof of performance | DTS transmitter proof of performance |

**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 | 1 |
| | Is this transmitter currently shared with another station? | No |
| | Is this transmitter currently in operating condition? | Yes |
| Existing Transmitter Manufacturer and Type | Manufacturer | |
| | Model | DUAL SCREEN SERVICE SCT 242 UB |
| | Year | 2001 |
| | Type | Solid State |
| | Solid State Cooling | Air Cooled |
| | Solid State Power Capacity | 2.5 kW |
| | | |

**Primary
Transmitter**

New Transmitter Costs

| Section | Question | Response |
|-----------------|---|---|
| New Transmitter | Use | Primary (Main) |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Manufacturer | |
| | Model | SFT 252 U /XE/A |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Air Cooled |
| | Solid State Power capacity | 5 kW |
| | Justification for New Transmitter | Current transmitter is 16 years old, was already converted from analog to digital, and cannot be retuned to new channel, according to manufacturer. |

**Primary
Transmitter**

Other Transmitter Costs

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

| | | |
|--|---|--|
| | Size | 3 inches |
| | Length | 128.0 feet |
| | Other Electrical Service | Yes |
| | Description | A new transmitter building is being installed. It will require installation of a new electrical meter and related costs (including running line from the meter to the transmitter building). |
| HVAC Service | Does the replacement transmitter require HVAC Service? | Yes |
| | Type | Cooling Only |
| | Size | 5 tons |
| | Other Size | N/A |
| Transmitter Building Addition/Modification or Leasehold Improvement | Does the Transmitter Building require an addition, modification, other leasehold improvement? | Yes |
| | Size | 640.0 square feet |
| 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 |

**Primary
Transmitter**

Other Transmitter Cost Not Listed

| Name | Description |
|--------------------------------|--|
| Related electrical work | Electrical work and related materials (cables, outlets, etc.) to bring power to building and transmitters from meter |
| Electrical meter | New site requires new meter from electric company |
| Proof of performance | Main transmitter proof of performance |
| Building installation | A new building will be obtained and installed, requiring concrete foundation, delivery and installation of building and related work |
| Logo inserter | To provide station identification |

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 | 1 |
| | Is the existing antenna shared with another station or stations? | No |
| | Is the existing antenna directional? | No |
| | Is antenna in operating condition? | Yes |
| | Is antenna located on or in close proximity to an antenna farm? | No |
| Existing Antenna Manufacturer and Type | Class | Full Power |
| | Mounting | Side Mount |
| | Antenna position in stack | Top |
| | 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) | 15.0 kW |
| | | |

| | |
|--------------|------|
| Manufacturer | |
| Model | AL-8 |
| Year | 1998 |

Primary
Antenna

New Antenna Costs

| Section | Question | Response |
|------------------------------------|--|-----------------|
| New Antenna Description | Use | Primary (Main) |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Ownership | Owned |
| | Owner | N/A |
| | Is antenna shared? | Yes |
| | Is antenna directional? | No |
| | Will antenna be located on or in close proximity to an antenna farm? | No |
| New Antenna Manufacturer and Types | Class | Full Power |
| | Mounting | Side Mount |
| | Antenna position in stack | Top |
| | Polarization | Horizontal |
| | Type | Broadband Panel |
| | Number of Stations Supported | 3 |
| | Number of Panels/Bays | 6 |
| | Lower Limit | 460.00 MHz |
| | Upper Limit | 620.00 MHz |
| | Design power capacity in use | 80.0 % |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 3.0 kW |
| | Manufacturer | |
| | | |

| | |
|-------------------------------|---|
| Model | JUHD 6/1(6) VERY NARROW CARDIOID PATTERN |
| Year | 2017 |
| Justification for New Antenna | Current antenna is nearly 20 years old, cannot accommodate new channel, and cannot be retuned. New antenna will be used by two-three Hawaii stations. |

Primary 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 | Upper and lower frequency |
| | Frequency | 460.0 MHz - 620.0 MHz |
| | 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? | No |
| | Broadband or Single Channel? | N/A |
| | Feed Line Size | N/A |

| | | |
|---------------------------------|---|-----|
| Side Mount Brackets | Do you require the separate purchase of side mount brackets for a high power antenna? | Yes |
| Pattern Scatter Analysis | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | Yes |
| Sweep Test | Do you require the sweep testing of transmission line and antenna? | Yes |

**Primary
Antenna**

Other Antenna Cost Not Listed

Information not provided.

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 | 2 |
| | Is the existing antenna shared with another station or stations? | No |
| | Is the existing antenna directional? | No |
| | Is antenna in operating condition? | Yes |
| | Is antenna located on or in close proximity to an antenna farm? | No |
| Existing Antenna Manufacturer and Type | Class | Full Power |
| | Mounting | Side Mount |
| | Antenna position in stack | Top |
| | 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) | 15.0 kW |
| | | |

| | |
|--------------|---------------------|
| Manufacturer | |
| Model | 12-bay slot antenna |
| Year | 1998 |

Primary
Antenna

New Antenna Costs

| Section | Question | Response |
|------------------------------------|--|-----------------|
| New Antenna Description | Use | Primary (Main) |
| | Description of Use | N/A |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Ownership | Owned |
| | Owner | N/A |
| | Is antenna shared? | Yes |
| | Is antenna directional? | No |
| | Will antenna be located on or in close proximity to an antenna farm? | No |
| New Antenna Manufacturer and Types | Class | Full Power |
| | Mounting | Side Mount |
| | Antenna position in stack | Top |
| | Polarization | Horizontal |
| | Type | Broadband Panel |
| | Number of Stations Supported | 5 |
| | Number of Panels/Bays | 12 |
| | Lower Limit | 460.00 MHz |
| | Upper Limit | 620.00 MHz |
| | Design power capacity in use | 80.0 % |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 25.0 kW |
| | Manufacturer | |
| | | |

| | |
|-------------------------------|---|
| Model | JUHD 12/2 (24) NARROW CARDIOID PATTERN 20 Kw INPUT |
| Year | 2017 |
| Justification for New Antenna | Current antenna is nearly 20 years old, cannot accommodate new channel, and cannot be retuned. New antenna will be used by two-three Hawaii stations. |

Primary 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 | 5 |
| | Frequencies of channels supported | Upper and lower frequency |
| | Frequency | 460.0 MHz - 620.0 MHz |
| | 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? | No |
| | Broadband or Single Channel? | N/A |

| | | |
|---------------------------------|---|-----|
| | Feed Line Size | N/A |
| Side Mount Brackets | Do you require the separate purchase of side mount brackets for a high power antenna? | Yes |
| 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? | No |

**Primary
Antenna**

Other Antenna Cost Not Listed

Information not provided.

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 | 1 |
| | 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 | Flexible Air |
| | Diameter | 1 5/8 inches |
| | Other Diameter | N/A |
| | Segment Length | N/A |
| | Other Segment Length | N/A |
| | Number of parallel runs | 0 |
| | Length | 132 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 | Flexible Air |
| | Diameter | 3 inches |
| | Other Diameter | N/A |
| | Segment Length | N/A |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 132 feet per run |
| | Justification for New Transmission Line | Existing line is 12-14 years old, deteriorated from exposure to harsh weather, and unable to be moved to new pole and re-bent to new positions. New line will be used to accommodate two-three Hawaii "re-pack" stations. |

| Primary Transmission Line | Other Transmission Line Expenses Not Listed |
|---------------------------|---|
| Information not provided. | |

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 | 2 |
| | 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 | Flexible Air |
| | Diameter | 1 5/8 inches |
| | Other Diameter | N/A |
| | Segment Length | N/A |
| | Other Segment Length | N/A |
| | Number of parallel runs | 0 |
| | Length | 238 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 | Flexible Air |
| | Diameter | 3 inches |
| | Other Diameter | N/A |
| | Segment Length | N/A |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 228 feet per run |
| | Justification for New Transmission Line | Existing line is 12-14 years old, deteriorated from exposure to harsh weather, and unable to be moved to new pole and re-bent to new positions. New line will be used to accommodate four-five Hawaii "re-pack" stations. |

| Primary Transmission Line | Other Transmission Line Expenses Not Listed |
|---------------------------|---|
| Information not provided. | |

Tower Equipment And Rigging Costs

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

Primary Tower

Existing Tower

| Section | Question | Response |
|---|---|-------------------|
| Existing Tower Description | Type of change | Modify Existing |
| | Tower Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Leased |
| | Is this tower consider Complex? | No |
| | Is this tower currently shared with any other stations? | Yes |
| | One or more FM, AM or TV radio broadcaster(s) | Yes |
| | Others Types of Users | No |
| | Is tower documented for structural analysis? | No |
| | Is tower compliant with Rev G? | Unknown |
| Existing Tower Structure Registration | Do you have a tower registration number? | Yes |
| | ASR Number | 1246610 |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 21° 25' 19.6" N- |
| | Longitude (NAD83) | 157° 45' 27.1" W- |
| | Overall Structure Height | 116.14 feet |
| | Support Structure Height | 116.14 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 464.89 feet |

| | | |
|--|------------------|--|
| | Structure Type | TOWER - Free Standing or Guyed Structure |
| | Tower Owner | General Telcourier, Inc. |
| | Date Constructed | 01/01/1990 |

**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 |
|-------------|-----------|---------|
| 89714 | KUPU | DTV |

Primary Tower

Tower Modification Costs

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

Primary Tower

Tower Rigging Costs

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

| Primary Tower | Other Tower Expenses Not Listed |
|------------------|---------------------------------|
| | Information not provided. |

**Primary
Tower**

Existing Tower

| Section | Question | Response |
|--|---|-------------------------|
| Existing Tower Description | Type of change | Construct New |
| | Tower Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Leased |
| | Is this tower consider Complex? | No |
| | Is this tower currently shared with any other stations? | Yes |
| | One or more FM, AM or TV radio broadcaster(s) | Yes |
| | Others Types of Users | No |
| | Is tower documented for structural analysis? | No |
| | Is tower compliant with Rev G? | Unknown |
| Existing Tower Structure Registration | Do you have a tower registration number? | No |
| | ASR Number | |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83) | 21° 24' 10.1" N- |
| | Longitude (NAD83) | 158° 05' 52.2" W- |
| | Overall Structure Height | 100.00 feet |
| | Support Structure Height | 100.00 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 2765.00 feet |
| | Structure Type | POLE - Any type of Pole |
| | Tower Owner | Palehua Ranch, LLC |
| | Date Constructed | 07/09/2017 |

**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 |
|-------------|-----------|---------|
| 89714 | KUPU | DTV |

Primary
Tower

Tower Construction Costs

| Section | Question | Response |
|---------------------|---|--|
| Construct New Tower | Use | Primary (Main) |
| | Description of Use | N/A |
| | Is this a request for upgraded equipment? | No |
| | Height | 100.00 feet |
| | Justification for New Tower | Existing pole is termite-ridden and unable to support new mounts and hanging of new transmission line. Other factors support replacement of existing pole with a new pole. See attachment. |

Primary
Tower

Tower Rigging Costs

| Section | Question | Response |
|------------------------------|-----------------------------------|----------|
| Tower Rigging Costs | Complex Tower | N/A |
| Helicopter Services Required | Are helicopter services required? | Yes |

Primary
Tower

Other Tower Expenses Not Listed

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

| | |
|------------------------------------|---|
| Tower installation expenses | Site preparation (clearing, concrete, hole drilling), rigging and related items |
|------------------------------------|---|

**Outside
Professional Services Costs**

| Section | Question | Response |
|---|--|--|
| Outside Project Management Services | Do you require outside project management services? | Yes |
| | Number of Hours | 280 |
| | Explanation | Proposal involves construction, remodeling, installation at two sites, requiring management of multiple subcontractors. The work is beyond the scope of licensee's existing personnel. |
| 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 | No |
| | Quantity | N/A |
| | Do you have Distributed Transmission System engineering services? | No |
| | 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 | No |
| | Quantity | N/A |
| | NEPA Section 106 environmental review | No |
| | Environmental Assessment | No |
| | ASR Modification | No |
| | FAA Consultation (including preparation of FAA Form 7460) | No |
| | Negotiation of Lease and other Matter for Shared Locations | Yes |
| | Prepare or Review FCC Form 399 for Reimbursement | Yes |
| | Address transition timing and coordination issues w/ other stations and wireless providers | No |
| RF Field Engineering Services | Comprehensive coverage verification via field study | Yes |
| | RF exposure measurements | Yes |
| | Additional Field Engineering Service | No |
| | Number of Days | N/A |
| | Justification | N/A |

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

| Name | Description |
|--------------------------------|--|
| Other legal work - local | Local counsel to assist with leases, utility companies, cable companies, other stations |
| Other engineering work - local | Local engineering to assist with design and preparation of two separate sites and installation of equipment at both sites. |

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 | No |
| | 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 | Yes |
| | FCC License to Cover Application | Yes |
| | FCC Special Temporary Authority Application | No |
| 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 |
|------------------|--|
| Fiber Optic drop | Deliver all repack stations to cable operator (Hawaiian Telcom) by fiber |

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 |
|---|--------------------------------|-------------------|------------------------------------|-------------|------------------------------|
| Primary Transmitter SFT 252 U /XE/A | \$194,840.00 | \$151,329.00 | | \$54,344.30 | |
| Proof of performance | <i>\$2,800.00</i> | \$2,800.00 | N/A | N/A | N/A |
| Electrical meter | <i>\$4,550.00</i> | \$4,550.00 | N/A | N/A | N/A |
| Transmitter building renovation | <i>\$16,800.00</i> | \$16,800.00 | N/A | N/A | N/A |
| Logo inserter | <i>\$0.00</i> | \$0.00 | N/A | N/A | N/A |
| Related electrical work | <i>\$9,100.00</i> | \$9,100.00 | N/A | \$9,100.00 | N/A |
| Other -- Building Addition Size: 620.0 | <i>\$0.00</i> | \$0.00 | N/A | N/A | N/A |
| 5 Ton system | \$20,250.00 | \$4,200.00 | N/A | N/A | N/A |

| | | | | | |
|--|---------------------|---------------------|-----|---------------|---|
| Other Electrical Service: World War II-vintage building being repurposed for DTS transmitter building. It will require installation of a new electrical meter and related costs (including running line from the meter to the transmitter building). | \$9,100.00 | \$9,100.00 | N/A | \$43,444.30 | See attached invoice. Work includes preparation of site for use by four additional broadcasters involved in channel repack. |
| 3" Rigid Conduit and Wiring (Cost per foot) | \$6,240.00 | \$1,800.00 | N/A | \$1,800.00 | N/A |
| UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW | \$126,000.00 | \$102,979.00 | N/A | N/A | N/A |
| Primary Transmitter SFT 252 U /XE/A | \$286,081.00 | \$133,254.00 | | \$0.00 | |
| Logo inserter | \$0.00 | \$0.00 | N/A | N/A | N/A |
| Building installation | \$2,025.00 | \$2,025.00 | N/A | N/A | N/A |
| Proof of performance | \$2,800.00 | \$2,800.00 | N/A | N/A | N/A |

| | | | | | |
|--|-------------------|--------------|-----|-----|-----|
| Electrical meter | \$4,550.00 | \$4,550.00 | N/A | N/A | N/A |
| Related electrical work | \$0.00 | \$0.00 | N/A | N/A | N/A |
| Other -- Building Addition Size: 640.0 | \$4,200.00 | \$4,200.00 | N/A | N/A | N/A |
| 5 Ton system | \$20,250.00 | \$4,200.00 | N/A | N/A | N/A |
| Other Electrical Service: A new transmitter building is being installed. It will require installation of a new electrical meter and related costs (including running line from the meter to the transmitter building). | \$9,100.00 | \$9,100.00 | N/A | N/A | N/A |
| 3" Rigid Conduit and Wiring (Cost per foot) | \$6,656.00 | \$3,400.00 | N/A | N/A | N/A |
| UHF - Air Cooled Solid State Transmitter 4 - 6 kW | \$236,500.00 | \$102,979.00 | N/A | N/A | N/A |

| | | | | | |
|---|-----------------------|-----------------------|------------|---------------------|------------|
| Auxiliary Transmitter SFT 102 U /XE | \$146,250.00 | \$120,000.00 | | \$0.00 | |
| 5 Ton system | \$20,250.00 | \$0.00 | N/A | N/A | N/A |
| UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW | \$126,000.00 | \$120,000.00 | N/A | N/A | N/A |
| Auxiliary Transmitter SFT 102 U /XE | \$146,250.00 | \$120,000.00 | | \$0.00 | |
| 5 Ton system | \$20,250.00 | \$0.00 | N/A | N/A | N/A |
| UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW | \$126,000.00 | \$120,000.00 | N/A | N/A | N/A |
| Sub-total | \$773,421.00 | \$524,583.00 | N/A | \$54,344.30 | N/A |
| Total for all systems | \$2,123,149.03 | \$1,668,666.03 | N/A | \$128,293.55 | N/A |

Components

| Actual Information | |
|---------------------------------|---------------------------|
| Description | File Name |
| Proof of performance | Information not provided. |
| Electrical meter | Information not provided. |
| Transmitter building renovation | Information not provided. |
| Logo inserter | Information not provided. |

| | |
|---|---|
| Related electrical work | <p>Component Description:</p> <p>The total invoice covers electrical work under three separate categories, including \$9,100 for "related electrical work"</p> <p>Amount:</p> <p>\$9,100.00</p> |
| Other -- Building Addition Size: 620.0 | Information not provided. |
| 5 Ton system | Information not provided. |
| Other Electrical Service: World War II-vintage building being repurposed for DTS transmitter building. It will require installation of a new electrical meter and related costs (including running line from the meter to the transmitter building). | <p>Component Description:</p> <p>The total invoice covers electrical work under three separate categories, including \$43,444.30 for "other electrical service" relating to preparation of the Mauna Kapu transmitter site.</p> <p>Amount:</p> <p>\$43,444.30</p> |
| 3" Rigid Conduit and Wiring (Cost per foot) | <p>Component Description:</p> <p>The total invoice covers electrical work under three separate categories, including \$1,800 for 3" rigid conduit and wiring at the Mauna Kapu transmitter site</p> <p>Amount:</p> <p>\$1,800.00</p> |
| UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW | Information not provided. |

| | |
|--|---------------------------|
| Logo inserter | Information not provided. |
| Building installation | Information not provided. |
| Proof of performance | Information not provided. |
| Electrical meter | Information not provided. |
| Related electrical work | Information not provided. |
| Other -- Building Addition Size: 640.0 | Information not provided. |
| 5 Ton system | Information not provided. |
| Other Electrical Service: A new transmitter building is being installed. It will require installation of a new electrical meter and related costs (including running line from the meter to the transmitter building). | Information not provided. |
| 3" Rigid Conduit and Wiring (Cost per foot) | Information not provided. |
| UHF - Air Cooled Solid State Transmitter 4 - 6 kW | Information not provided. |
| 5 Ton system | Information not provided. |
| UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW | Information not provided. |
| 5 Ton system | Information not provided. |
| UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW | Information not provided. |

Cost Information

Antennas

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|-----------------------------|---------------------|------------------------------|---------------|---------------------------|
| Primary Antenna JUHD 6/1 (6) VERY NARROW CARDIOID PATTERN | \$167,540.00 | \$114,000.00 | | \$0.00 | |
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | \$5,260.00 | \$5,000.00 | N/A | N/A | N/A |
| Side mount brackets for high power antennas (if not included in antenna base cost) | \$23,150.00 | \$0.00 | N/A | N/A | N/A |
| New combiner, cost per channel (without antenna) | \$84,200.00 | \$54,400.00 | N/A | N/A | N/A |
| Sweep test of existing antenna | \$6,730.00 | \$6,400.00 | N/A | N/A | N/A |

| | | | | | |
|---|---------------------|---------------------|---|---------------|-----|
| UHF - High Power, Side Mount, broadband panel, 6 bay,, 3 kW input, horizontally polarized | \$48,200.00 | \$48,200.00 | See attachment. | N/A | N/A |
| Primary Antenna JUHD 12/2 (24) NARROW CARDIOID PATTERN 20 Kw INPUT | \$155,550.00 | \$160,575.00 | | \$0.00 | |
| Side mount brackets for high power antennas (if not included in antenna base cost) | \$23,150.00 | \$0.00 | N/A | N/A | N/A |
| New combiner, cost per channel (without antenna) | \$84,200.00 | \$112,375.00 | Combiner is designed for use by up to five stations in the Hawaii repack. KKAI licensee is acquiring the combiner itself for joint use by participating stations. | N/A | N/A |

| | | | | | |
|---|--------------------|----------------|-----|--------------|-----|
| UHF - High Power, Side Mount, broadband panel, 12 bay,, 25 kW input, horizontally polarized | \$48,200.00 | \$48,200.00 | N/A | N/A | N/A |
| Sub-total | \$323,090.00 | \$274,575.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$2,123,149.03 | \$1,668,666.03 | N/A | \$128,293.55 | N/A |

Components

Information not provided.

Cost
Information

Transmission Line

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|--------------------------------|-------------------|---|-------------|------------------------------|
| Primary Transmission Line | \$7,788.00 | \$12,280.00 | | \$0.00 | |
| Flexible Air Transmission Line - dielectric, 3" | \$7,788.00 | \$12,280.00 | Two separate lengths of transmission line is required: a length of 3" line from the transmitter to the combiner, and another length of 4" line from the combiner to the antenna. | N/A | N/A |
| Primary Transmission Line | \$13,452.00 | \$25,080.00 | | \$0.00 | |
| Flexible Air Transmission Line - dielectric, 3" | \$13,452.00 | \$25,080.00 | Two separate lengths of transmission line is required: a length of 3" line from the transmitter to the combiner, and another length of 4" line from the combiner to the antenna. | N/A | N/A |

| | | | | | |
|------------------------------|----------------|----------------|-----|--------------|-----|
| Sub-total | \$21,240.00 | \$37,360.00 | N/A | \$0.00 | N/A |
| Total for all systems | \$2,123,149.03 | \$1,668,666.03 | N/A | \$128,293.55 | N/A |

Components

Information not provided.

Cost Information

Tower Equipment and Rigging Costs

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|-----------------------------|---------------------|--|--------------------|---------------------------|
| Primary Tower POLE | \$0.00 | \$0.00 | | \$0.00 | |
| Primary Tower TOWER | \$268,500.00 | \$55,800.00 | | \$0.00 | |
| Short Tower (less than 500') | \$84,200.00 | \$0.00 | N/A | N/A | N/A |
| Minor tower reinforcement /modifications | \$158,000.00 | \$30,800.00 | See attachment | N/A | N/A |
| Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study | \$26,300.00 | \$25,000.00 | N/A | N/A | N/A |
| Primary Tower | \$257,450.00 | \$173,250.00 | | \$29,539.50 | |
| Tower Helicopter Lift | <i>\$21,000.00</i> | \$21,000.00 | Helicopter necessary to deliver new pole to site. Estimated three-hour project at \$7,000 /hour. | N/A | N/A |
| Short Tower (less than 500') | \$84,200.00 | \$0.00 | N/A | N/A | N/A |

| | | | | | |
|------------------------------|--------------------|----------------|-----------------|--------------|-----|
| New tower | \$93,500.00 | \$93,500.00 | See attachment | N/A | N/A |
| Tower installation expenses | \$58,750.00 | \$58,750.00 | See attachment. | \$29,539.50 | N/A |
| Sub-total | \$525,950.00 | \$229,050.00 | N/A | \$29,539.50 | N/A |
| Total for all systems | \$2,123,149.03 | \$1,668,666.03 | N/A | \$128,293.55 | N/A |

Components

| Actual Information | |
|---|--|
| Description | File Name |
| Short Tower (less than 500') | Information not provided. |
| Minor tower reinforcement /modifications | Information not provided. |
| Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study | Information not provided. |
| Tower Helicopter Lift | Information not provided. |
| Short Tower (less than 500') | Information not provided. |
| New tower | Information not provided. |
| Tower installation expenses | <p>Component Description: Preparatory work re tower installation at Mauna Kapu site</p> <p>Amount: \$29,539.50</p> |

Cost
Information

Outside Professional Services

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|--|-----------------------------|----------------|---|-------------|---------------------------|
| Outside Professional Services | \$269,950.00 | \$403,000.00 | | \$39,624.75 | |
| Other engineering work - local | \$68,900.00 | \$68,900.00 | N/A | \$0.00 | N/A |
| Other legal work - local | \$25,000.00 | \$25,000.00 | N/A | N/A | N/A |
| RF Exposure Measurements | \$21,050.00 | \$20,000.00 | Station is a DTS facility, which entails two separate transmission systems. | N/A | N/A |
| Comprehensive coverage verification via field study, if needed | \$84,200.00 | \$80,000.00 | N/A | N/A | N/A |

| | | | | | |
|--|------------|-------------|--|-----|-----|
| Attorney Fees - Negotiation of lease and other matters for shared locations | \$4,210.00 | \$42,000.00 | Two separate transmission systems are planned to be shared at two different sites with five other repack stations, entailing negotiations /drafting with five other parties. Also, major channel change proposal will be submitted for KKAI. See attachment. | N/A | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application | \$2,365.00 | \$4,500.00 | Station is a DTS facility, which entails two separate transmission systems. | N/A | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00 | \$10,000.00 | Station is a DTS facility, which entails two separate transmission systems. | N/A | N/A |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | \$1,580.00 | \$3,000.00 | Station is a DTS facility, which entails two separate transmission systems. | N/A | N/A |

| | | | | | |
|--|----------------|----------------|--|--------------|--|
| Perform engineering study for new channel assignment and antenna development | \$7,360.00 | \$14,000.00 | Station is a DTS facility, which entails two separate transmission systems. | \$6,900.00 | N/A |
| Prepare and or review reimbursement form | \$2,630.00 | \$7,500.00 | Station is a DTS facility, which entails two separate transmission systems. | N/A | N/A |
| Project management of the transition | \$44,240.00 | \$122,100.00 | Project includes two separate transmitter sites (main and DTS), with installation of new tower /pole at one site, new building at the other, and substantial refurbishment of existing building for transmitter housing. See attachment. | \$32,724.75 | See attached invoice. Total for work was under estimated cost, but tax charges resulted in \$724.25 overage. |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00 | \$6,000.00 | Station is a DTS facility, which entails two separate transmission systems. | N/A | N/A |
| Sub-total | \$269,950.00 | \$403,000.00 | N/A | \$39,624.75 | N/A |
| Total for all systems | \$2,123,149.03 | \$1,668,666.03 | N/A | \$128,293.55 | N/A |

Components

| Actual Information | |
|--|--|
| Description | File Name |
| Other engineering work - local | <p>Component Description: Local engineering work - install diesel generator for transmitter</p> <p>Amount: \$54,971.34</p> |
| Other legal work - local | Information not provided. |
| RF Exposure Measurements | Information not provided. |
| Comprehensive coverage verification via field study, if needed | Information not provided. |
| Attorney Fees - Negotiation of lease and other matters for shared locations | Information not provided. |
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application | Information not provided. |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | Information not provided. |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | Information not provided. |

| | |
|--|--|
| Perform engineering study for new channel assignment and antenna development | <div> <div> Component Description: </div> <div> Consulting engineering services concerning preparation of spectrum repack engineering </div> </div> <div> Amount: </div> <div> \$6,250.00 </div> |
| Prepare and or review reimbursement form | Information not provided. |
| Project management of the transition | <div> <div> Component Description: </div> <div> Project management re preparation of Mauna Kapu transmitter site </div> </div> <div> Amount: </div> <div> \$32,724.75 </div> |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | 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 | \$209,498.03 | \$200,098.03 | | \$4,785.00 | |
| Fiber Optic drop | <i>\$177,603.03</i> | \$177,603.03 | See attachment. | N/A | N/A |
| Equipment Delivery and Handling Charges | <i>\$11,000.00</i> | \$11,000.00 | Estimated cost of delivery of transmitters, antennas to Hawaii | N/A | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <i>\$1,400.00</i> | \$1,400.00 | Old transmitters, antennas cannot be used, must be scrapped. | N/A | N/A |
| FCC Filing Fees - Form 2100 license to cover application | \$335.00 | \$325.00 | N/A | N/A | N/A |

| | | | | | |
|---|-------------------|----------------|---|--------------|---|
| FCC Filing Fees - Form 2100 minor change CP application | \$1,110.00 | \$1,070.00 | N/A | \$4,785.00 | As explained in the attachment, because of anticipated interference problems, Kailua Television, LLC was required to propose a channel (channel 29) other than the channel (25) initially identified by the FCC for KKAI. |
| DTV Medical Facility Notification | \$11,550.00 | \$2,200.00 | N/A | N/A | N/A |
| Equipment Storage | \$2,500.00 | \$2,500.00 | N/A | N/A | N/A |
| Develop and air announcement of upcoming channel change | \$2,000.00 | \$2,000.00 | Estimated cost of production /broadcast of channel change announcements | N/A | N/A |
| MVPD Notification of Channel Change | \$2,000.00 | \$2,000.00 | N/A | N/A | N/A |
| Sub-total | \$209,498.03 | \$200,098.03 | N/A | \$4,785.00 | N/A |
| Total for all systems | \$2,123,149.03 | \$1,668,666.03 | N/A | \$128,293.55 | N/A |

Components

| Actual Information | |
|--|---|
| Description | File Name |
| Fiber Optic drop | Information not provided. |
| 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 - Form 2100 license to cover application | Information not provided. |
| FCC Filing Fees - Form 2100 minor change CP application | <div> <div>Component Description:</div> <div>Amount:</div> </div> <div> Application fee for major change application. See attachment. \$4,785.00 </div> |
| DTV Medical Facility Notification | Information not provided. |
| Equipment Storage | Information not provided. |
| Develop and air announcement of upcoming channel change | Information not provided. |
| MVPD Notification of Channel Change | Information not provided. |

| | | | |
|-------------------------|------------------------------|------------------------------------|-----------------------|
| Cost Information | Grand Total | | |
| | | Predetermined Cost Estimate | Estimated Cost |
| | | | Actual Cost |
| | Total for all systems | \$2,123,149.03 | \$1,668,666.03 |
| | | | \$128,293.55 |

| | | |
|-----------------------------|--|-----------------|
| Reimbursement Status | Question | Response |
| | The facility has ceased operating on its pre-auction channel. | No |
| | Construction of final facilities or all necessary modifications are complete. | No |
| | All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator. | No |

| Certification | Section | Question | Response |
|---------------|---|---|----------|
| | Submission of Estimated Expenses Statements | <p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p> | |
| | | <ol style="list-style-type: none"> 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.

| | |
|---|--|
| <p>8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.</p> | |
| <p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p> | <p>Christopher Racine <i>President</i></p> <p>11/07/2017</p> |

Attachments