

(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility 35852 Service: DTV Call KVHP Channel: 18 (UHF)

Sign:

0000024796

File Number:

ID:

FRN: **0025403692** 

Date **01/03** 

Submitted: /2019

# Applicant Information

#### **Applicant Name, Type, and Contact Information**

| Applicant                                                                             | Address                                                                                         | Phone                | Email           | Applicant<br>Type               |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----------------------|-----------------|---------------------------------|
| KVHP License Subsidiary,<br>LLC<br>Doing Business As: KVHP<br>License Subsidiary, LLC | Tom Henson<br>2131 Ayrsley<br>Town Blvd<br>Suite 300<br>Charlotte,<br>NC 28273<br>United States | +1 (704)<br>643-4148 | btripp@ayrsley. | Limited<br>Liability<br>Company |

# Reimbursement Contact Name and Information Reimbursement Contact Information

| Applicant      | Address | Phone | Email |
|----------------|---------|-------|-------|
| [Confidential] |         |       |       |

#### Preparer Contact Information

#### **Preparer Contact Name and Information**

| Applicant | Address | Phone | Email |
|-----------|---------|-------|-------|
|           |         |       |       |

The Preparer is same as the reimbursement contact.

Broadcaster Information and Transition Plan Question Response

| Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information. | No                                                                                                           |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Briefly describe transition plan                                                                                                                                                                                                                                                                                                                             | Use existing antenna and line as interim Install new top mount antenna and line Replace existing transmitter |

# **Transmitters**

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

# Auxiliary Transmitter

# **Add Transmitter Information**

| Section                          | Question                                                   | Response              |
|----------------------------------|------------------------------------------------------------|-----------------------|
| Existing Transmitter Description | Type of change                                             | Retune<br>Existing    |
|                                  | Use                                                        | Auxiliary<br>(Backup) |
|                                  | Ownership                                                  | Owned                 |
|                                  | Owner                                                      | N/A                   |
|                                  | Is this transmitter currently shared with another station? | No                    |
|                                  | Is this transmitter currently in operating condition?      | Yes                   |
| Existing Transmitter             | Manufacturer                                               | Gates Air             |
| Manufacturer and Type            | Model                                                      | UAXT-2                |
|                                  | Year                                                       | 2016                  |
|                                  | Туре                                                       | Solid State           |

| Solid State Cooling        | Air Cooled |
|----------------------------|------------|
| Solid State Power capacity | 1.1 kW     |

# Auxiliary Transmitter

# **Retuning Transmitter Costs**

| Section         | Question                                       | Response |
|-----------------|------------------------------------------------|----------|
| New IOT Tubes   | Number of Tubes (including accessories) needed | N/A      |
| New Mask Filter | Power                                          | 1.5 kW   |
|                 | Other Power                                    | N/A      |
| New Exciter     | Is a new exciter needed?                       | No       |

# Auxiliary Transmitter

# **Other Transmitter Costs**

| Question                                               | Response                                                                                                                                                                                                                                             |
|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                                                                                                                                                                  |
| Does the replacement transmitter require HVAC Service? | No                                                                                                                                                                                                                                                   |
| Туре                                                   | N/A                                                                                                                                                                                                                                                  |
| Size                                                   | N/A                                                                                                                                                                                                                                                  |
| Other Size                                             | N/A                                                                                                                                                                                                                                                  |
|                                                        | Service Entrance (3 phases 800A 208V)  Switchgear (industrial 800 amp)  Transformer (480V)  Power  Rigid Conduit and Wiring  Size  Length  Other Electrical Service  Description  Does the replacement transmitter require HVAC Service?  Type  Size |

| Transmitter Building Addition/Modification or Leasehold Improvement | Does the Transmitter Building require an addition, modification, other leashold 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 Information not provided.

**Other Transmitter Cost Not Listed** 

# Primary Transmitter

# **Existing Transmitter Information**

| Section                          | Question                                                   | Response                 |
|----------------------------------|------------------------------------------------------------|--------------------------|
| Existing Transmitter Description | Type of change                                             | Purchase<br>New          |
|                                  | Use                                                        | Primary<br>(Main)        |
|                                  | Description of Use                                         | N/A                      |
|                                  | Ownership                                                  | Owned                    |
|                                  | Owner                                                      | N/A                      |
|                                  | Site                                                       | N/A                      |
|                                  | Is this transmitter currently shared with another station? | No                       |
|                                  | Is this transmitter currently in operating condition?      | Yes                      |
| Existing Transmitter             | Manufacturer                                               |                          |
| Manufacturer and Type            | Model                                                      | Visionary                |
|                                  | Year                                                       | 2003                     |
|                                  | Туре                                                       | Inductive<br>Output Tube |
|                                  | IOT Power Type                                             | Single                   |
|                                  | Power Capacity                                             | 26 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-24                                                                                                               |
|                 | Transmitter Type                          | Solid State                                                                                                            |
|                 | Solid State Cooling                       | Liquid Cooled                                                                                                          |
|                 | Solid State Power capacity                | 15.3 kW                                                                                                                |
|                 | Justification for New Transmitter         | Existing IOT can not be retuned Manufacturers statement attached Cost of replacement IOT exceeds new solid state cost. |

# Primary Transmitter

#### **Other Transmitter Costs**

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

|                                                                     | Other Electrical Service                                                                     | No  |
|---------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----|
|                                                                     | Description                                                                                  | N/A |
| HVAC Service                                                        | Does the replacement transmitter require HVAC Service?                                       | No  |
|                                                                     | Туре                                                                                         | N/A |
|                                                                     | Size                                                                                         | N/A |
|                                                                     | Other Size                                                                                   | N/A |
| Transmitter Building Addition/Modification or Leasehold Improvement | Does the Transmitter Building require an addition, modification, other leashold 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 |

# Primary Transmitter Information not provided.

**Other Transmitter Cost Not Listed** 

#### **Antennas**

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

# **Existing Antenna Information**

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

| Manufacturer |                      |
|--------------|----------------------|
| Model        | ATW25H3-<br>HST2-30S |
| Year         | 2003                 |

### **New Antenna Costs**

| Section                    | Question                                                             | Response           |
|----------------------------|----------------------------------------------------------------------|--------------------|
| New Antenna<br>Description | Use                                                                  | Primary<br>(Main)  |
|                            | Description of Use                                                   | N/A                |
|                            | Change Type                                                          | Purchase<br>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? | No                 |
| New Antenna                | Class                                                                | Full Power         |
| Manufacturer and Types     | Mounting                                                             | Top Mount          |
|                            | Antenna position in stack                                            | Not in Stack       |
|                            | Polarization                                                         | Elliptical         |
|                            | Туре                                                                 | Slotted<br>Coaxial |
|                            | Number of Stations Supported                                         | N/A                |
|                            | Number of Panels/Bays                                                | N/A                |
|                            | Lower Limit                                                          | N/A                |
|                            | Upper Limit                                                          | N/A                |
|                            | Design power capacity in use                                         | N/A                |
|                            | Other Antenna Type                                                   | N/A                |
|                            | ERP: (Effective Radiated Power)                                      | 375.0 kW           |
|                            | Manufacturer                                                         |                    |

| Model                         | TFU-22JTH<br>/VP-R 6T220                                                                                                                                                       |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Year                          | 2017                                                                                                                                                                           |
| Justification for New Antenna | Existing antenna can not be re- tuned Existing antenna used as interim. E- Pol but premium not reimbursable. Top mount is less expensive than a side mount and interim antenna |

# **Other Antenna Costs**

| Section                        | Question                                                              | Response |
|--------------------------------|-----------------------------------------------------------------------|----------|
| Combiner for Shared<br>Antenna | Do you need a Combiner for a Shared Antenna?                          | No       |
|                                | Туре                                                                  |          |
|                                | 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?            | 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?                       | 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 |

#### **Other Antenna Cost Not Listed**

Information not provided.

| Transmission <sup>Seffien</sup>    | Question                                        | Response |
|------------------------------------|-------------------------------------------------|----------|
| Transmission Line Related Expenses | Do you have transmission line related expenses? | Yes      |

# Primary Transmission Line

# **Existing Transmission Line**

| n Line<br>Section                      | Question                                                                   | Response             |
|----------------------------------------|----------------------------------------------------------------------------|----------------------|
| Existing Transmission Line Description | Type of change                                                             | Purchase<br>New      |
|                                        | Use                                                                        | Primary<br>(Main)    |
|                                        | Description of Use                                                         | N/A                  |
|                                        | Ownership                                                                  | Owned                |
|                                        | Owner                                                                      | N/A                  |
|                                        | Site                                                                       | N/A                  |
|                                        | Is the existing transmission line shared with another station or stations? | No                   |
|                                        | Is Transmission Line in operating condition?                               | Yes                  |
| Existing Transmission                  | Manufacturer                                                               |                      |
| Line Manufacturer and Type             | Туре                                                                       | Rigid                |
|                                        | Diameter                                                                   | 6 1/8 inches         |
|                                        | Other Diameter                                                             | N/A                  |
|                                        | Segment Length                                                             | 19 1/2 inches        |
|                                        | Other Segment Length                                                       | N/A                  |
|                                        | Number of parallel runs                                                    | 1                    |
|                                        | Length                                                                     | 1150 feet<br>per run |

# Primary

### **New Transmission Line**

| Transmissio | n Line<br>Section                       | Question                                           | Response             |
|-------------|-----------------------------------------|----------------------------------------------------|----------------------|
|             | New Transmission Line<br>Costs          | Use                                                | Primary<br>(Main)    |
|             |                                         | Description of Use                                 | N/A                  |
|             |                                         | Change Type                                        | Purchase<br>New      |
|             |                                         | Is this a request for upgraded equipment?          | No                   |
|             |                                         | Туре                                               | Rigid                |
|             |                                         | Diameter                                           | 6 1/8 inches         |
|             |                                         | Other Diameter                                     | N/A                  |
|             |                                         | Segment Length                                     | 20 inches            |
|             |                                         | Other Segment Length                               | N/A                  |
|             |                                         | Number of parallel runs                            | 1                    |
|             |                                         | Length                                             | 1150 feet<br>per run |
|             | Justification for New Transmission Line | Existing<br>line lengths<br>will not<br>work at Ch |                      |

Primary
Other Transmission Line Expenses Not Listed
Transmission Line tion not provided.

### Interim

### **New Transmission Line**

| Transmissio | n Line<br>Section     | Question                                | Response                                                                                     |
|-------------|-----------------------|-----------------------------------------|----------------------------------------------------------------------------------------------|
|             | New Transmission Line | Use                                     | Interim                                                                                      |
|             | Costs                 | Description of Use                      | N/A                                                                                          |
|             |                       | Change Type                             | Purchase<br>New                                                                              |
|             |                       | Туре                                    | Flexible Air                                                                                 |
|             |                       | Diameter                                | 4 inches                                                                                     |
|             |                       | Segment Length                          | N/A                                                                                          |
|             |                       | Other Segment Length                    |                                                                                              |
|             |                       | Number of parallel runs                 | 1                                                                                            |
|             |                       | Length                                  | 1200 feet<br>per run                                                                         |
|             |                       | Justification for New Transmission Line | Changing primary line No space inside the tower for new line. Old line must be removed first |

# Interim

# Other Transmission Line Expenses Not Listed

| Transmission | Naine     | Description                                                    |  |  |
|--------------|-----------|----------------------------------------------------------------|--|--|
|              | Reel Pipe | Pipe to allow 4" reels to be placed on stands for installation |  |  |

# Tower Equipment And Rigging Costs

| Section                                     | Question                                              | Response |
|---------------------------------------------|-------------------------------------------------------|----------|
| Tower Equipment or<br>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<br>Existing   |
|                                              | Tower Use                                               | Primary<br>(Main)    |
|                                              | Description of Use                                      | N/A                  |
|                                              | Ownership                                               | Owned                |
|                                              | 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?                          | No                   |
| Existing Tower Structure                     | Do you have a tower registration number?                | Yes                  |
| Registration                                 | ASR Number                                              | 1020684              |
| Coordinates (NAD83 ( North American Datum of | Latitude (NAD83)                                        | 30° 17'<br>27.0" N-  |
| 1983))                                       | Longitude (NAD83)                                       | 093° 34'<br>36.0" W- |
|                                              | Overall Structure Height                                | 1319.00 fe           |
|                                              | Support Structure Height                                | 1262.00 fe           |
|                                              | Ground Elevation Above Mean Sea Level (AMSL)            | 29.80 feet           |

| Structure Type   | TOWER -<br>Free<br>Standing or<br>Guyed<br>Structure |
|------------------|------------------------------------------------------|
| Tower Owner      | KPLC LLC                                             |
| Date Constructed | 08/10/1988                                           |

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 |  |
|-------------|-----------|---------|--|
| 53643       | KNGT      | FM      |  |
| 38601       | KYKZ      | FM      |  |

#### Primary Tower

### **Tower Modification Costs**

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

#### Primary Tower

# **Tower Rigging Costs**

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

# Primary Tower

# Other Tower Expenses Not Listed

Information not provided.

### Outside Professional

| Section                                            | Question                                                                     | Response                                                                                                            |
|----------------------------------------------------|------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Services Costs Outside Project Management Services | Do you require outside project management services?                          | Yes                                                                                                                 |
|                                                    | Number of Hours                                                              | 300                                                                                                                 |
|                                                    | Explanation                                                                  | Pattern analysis Antenna Spec Transmitter Spec Building drawings Installation Supervision Accounting Internal Legal |
| Outside RF consulting<br>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?            | N/A                                                                                                                 |
|                                                    | Critical Facility                                                            | N/A                                                                                                                 |
|                                                    | Terrain-Shielded Facility                                                    | N/A                                                                                                                 |

| Attorney and Other Outside Consulting | Prepare and file Form FCC Construction Permit Application                                  | Yes |
|---------------------------------------|--------------------------------------------------------------------------------------------|-----|
| Services                              | 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                                 | No  |
|                                       | Prepare or Review FCC Form 399 for Reimbursement                                           | No  |
|                                       | Address transition timing and coordination issues w/ other stations and wireless providers | No  |
| RF Field Engineering<br>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
Outside
Professional Services Expenses Not Listed
Professional Services © ostsided.

# 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<br>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                                                                                     | No       |
|                                 | FCC Special Temporary Authority Application                                                                          | No       |
| Other Miscellaneous<br>Expenses | Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?        | No       |
|                                 | 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 Not Listed

**Expenses** Information not provided.

# **Cost Information**

### **Transmitters**

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

| Description                                                             | Predetermined<br>Cost Estimate | Estimated<br>Cost | Estimated Cost Justification                                                                           | Actual Cost  | Actual Cost<br>Justification |
|-------------------------------------------------------------------------|--------------------------------|-------------------|--------------------------------------------------------------------------------------------------------|--------------|------------------------------|
| Primary<br>Transmitter<br>ULXTE-24                                      | \$759,000.00                   | \$749,653.83      |                                                                                                        | \$692,503.83 |                              |
| UHF -<br>Liquid<br>Cooled<br>Solid State<br>Transmitter<br>14.2 - 20 kW | \$684,000.00                   | \$678,653.83      | Quote attached Headroom analysis attached IOT comparative quote attached Gates Air invoice TE10004654- | \$678,653.83 | N/A                          |
| Switchgear<br>- industrial<br>800 amp                                   | \$38,200.00                    | \$36,000.00       | N/A                                                                                                    | N/A          | N/A                          |
| Transformer<br>3 phase<br>/480v - 300<br>KVA                            | \$36,800.00                    | \$35,000.00       | N/A                                                                                                    | \$13,850.00  | N/A                          |
| Auxiliary<br>Transmitter<br>UAXT-2                                      | \$108,230.00                   | \$11,141.60       |                                                                                                        | \$2,785.40   |                              |
| UHF and<br>VHF - minor<br>banding<br>issues                             | \$105,200.00                   | \$11,141.60       | Quote<br>attached                                                                                      | \$2,785.40   | N/A                          |
| 1.5 kW<br>mask filter                                                   | \$3,030.00                     | \$0.00            | included in<br>tx quote<br>attached                                                                    | N/A          | N/A                          |
| Sub-total                                                               | \$867,230.00                   | \$760,795.43      | N/A                                                                                                    | \$695,289.23 | N/A                          |

| Total for all | \$2,045,634.75 | \$1,691,735.67 | N/A | \$807,411.39 | N/A |
|---------------|----------------|----------------|-----|--------------|-----|
| systems       |                |                |     |              |     |

# Components

| File Name                      |                                                                                                                                                           |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Component Description: Amount: | ULXTE-24-E<br>(15% payment)<br>\$90,793.11                                                                                                                |
| Component Description:         | ULXTE-24 per<br>quote GA-<br>00021494                                                                                                                     |
| Amount:                        | \$224,688.26                                                                                                                                              |
| Component Description: Amount: | Transmitter<br>\$302,643.72                                                                                                                               |
| Component Description: Amount: | UXLTE-24-E<br>\$60,528.74                                                                                                                                 |
| Information not provided.      |                                                                                                                                                           |
| Component Description:         | Commercial labor;<br>furnish all labor<br>and material for<br>install of new<br>transformer, panel<br>board and surge<br>suppressor                       |
|                                | Component Description: Amount:  Component Description: Amount:  Component Description: Amount:  Component Description: Amount:  Information not provided. |

| UHF and VHF - minor banding issues | Component Description:    | Channel change |
|------------------------------------|---------------------------|----------------|
|                                    | Component Description.    | & proof        |
|                                    | Amount:                   | \$1,671.24     |
|                                    | Component Description:    | Channel change |
|                                    |                           | UAXT-3AT       |
|                                    | Amount:                   | \$1,114.16     |
| 1.5 kW mask filter                 | Information not provided. |                |

# **Cost** Information

#### **Antennas**

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

| Description                                                                                         | Predetermined<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification                                                                                              | Actual Cost  | Actual Cost<br>Justification |
|-----------------------------------------------------------------------------------------------------|--------------------------------|-------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------------|
| Primary<br>Antenna<br>TFU-22JTH<br>/VP-R<br>6T220                                                   | \$296,230.00                   | \$185,749.50      |                                                                                                                                 | \$46,437.38  |                              |
| UHF - High Power Top Mount (200-1000 kW), One station antenna, elliptically or circularly polarized | \$289,500.00                   | \$179,349.50      | Quote attached Please note in line 1 of the quote that the V-pol premium is\$26,550. This amount was subtracted from the quote. | \$44,837.38  | N/A                          |
| Sweep<br>test of<br>existing<br>antenna                                                             | \$6,730.00                     | \$6,400.00        | N/A                                                                                                                             | \$1,600.00   | N/A                          |
| Sub-total                                                                                           | \$296,230.00                   | \$185,749.50      | N/A                                                                                                                             | \$46,437.38  | N/A                          |
| Total for<br>all<br>systems                                                                         | \$2,045,634.75                 | \$1,691,735.67    | N/A                                                                                                                             | \$807,411.39 | N/A                          |

# Components

| <b>Actual Information</b> |           |
|---------------------------|-----------|
| Description               | File Name |

UHF - High Power Top Mount (200-1000 kW), One **Component Description:** Antenna, Elbow, station antenna, elliptically Transformer, or circularly polarized Reducer, Transmission Line, and others. \$89,674.75 **Amount: Component Description:** Primary Antenna -**UHF High Power** Top Mount, E-POL \$44,837.38 Amount: Sweep test of existing antenna **Component Description:** Primary Antenna Sweep Test \$3,200.00 Amount: **Component Description:** Repack Sweep Amount: \$1,600.00 **Component Description:** Sweep Test \$1,600.00 Amount:

# **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<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification                           | Actual Cost  | Actual Cost<br>Justification |
|----------------------------------------------------------|--------------------------------|-------------------|--------------------------------------------------------------|--------------|------------------------------|
| Interim<br>Transmission<br>Line                          | \$90,084.75                    | \$58,202.44       |                                                              | \$0.00       |                              |
| Flexible Air<br>Transmission<br>Line -<br>dielectric, 4" | \$88,800.00                    | \$56,917.69       | Quotation<br>attached                                        | \$0.00       | N/A                          |
| Reel Pipe                                                | \$1,284.75                     | \$1,284.75        | To allow large reels to be placed on stands for installation | N/A          | N/A                          |
| Primary<br>Transmission<br>Line                          | \$232,300.00                   | \$182,468.30      |                                                              | \$45,617.08  |                              |
| Rigid<br>Transmission<br>Line -<br>copper, 6 1/8"        | \$232,300.00                   | \$182,468.30      | Quote<br>attached<br>(see<br>antenna<br>quote)               | \$45,617.08  | N/A                          |
| Sub-total                                                | \$322,384.75                   | \$240,670.74      | N/A                                                          | \$45,617.08  | N/A                          |
| Total for all systems                                    | \$2,045,634.75                 | \$1,691,735.67    | N/A                                                          | \$807,411.39 | N/A                          |

# Components

| Actual Information Description                     | File Name                      |                                             |
|----------------------------------------------------|--------------------------------|---------------------------------------------|
| Flexible Air Transmission<br>Line - dielectric, 4" | Component Description: Amount: | Interim<br>Transmission Line<br>\$28,458.85 |

| Reel Pipe                                | Information not provided. |                                                      |
|------------------------------------------|---------------------------|------------------------------------------------------|
| Rigid Transmission Line - copper, 6 1/8" | Component Description:    | Primary<br>Transmission Line<br>- Rigid, Copper, 6 1 |
|                                          | Amount:                   | /8"<br>\$45,617.08                                   |
|                                          | Component Description:    | Primary                                              |
|                                          | Amount:                   | Transmission Line<br>\$91,234.15                     |

# **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<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification | Actual Cost  | Actual Cost<br>Justification |
|----------------------------------------------------------------------------------|--------------------------------|-------------------|------------------------------------|--------------|------------------------------|
| Primary<br>Tower<br>TOWER                                                        | \$381,100.00                   | \$342,500.00      |                                    | \$5,000.00   |                              |
| Structural<br>engineering<br>tower load<br>study for well<br>documented<br>tower | \$12,600.00                    | \$7,500.00        | N/A                                | \$5,000.00   | N/A                          |
| Tall Tower<br>(greater than<br>500')                                             | \$210,500.00                   | \$185,000.00      | N/A                                | N/A          | N/A                          |
| Minor tower reinforcement /modifications                                         | \$158,000.00                   | \$150,000.00      | N/A                                | N/A          | N/A                          |
| Sub-total                                                                        | \$381,100.00                   | \$342,500.00      | N/A                                | \$5,000.00   | N/A                          |
| Total for all systems                                                            | \$2,045,634.75                 | \$1,691,735.67    | N/A                                | \$807,411.39 | N/A                          |

### Components

| Actual Information Description                                    | File Name                      |                                      |
|-------------------------------------------------------------------|--------------------------------|--------------------------------------|
| Structural engineering tower load study for well documented tower | Component Description: Amount: | Structural<br>Analysis<br>\$2,500.00 |
|                                                                   | Component Description: Amount: | Structural<br>analysis<br>\$2,500.00 |

| Tall Tower (greater than 500')           | Information not provided. |
|------------------------------------------|---------------------------|
| Minor tower reinforcement /modifications | Information not provided. |

# **Cost Information**

### **Outside Professional Services**

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

| December                                                                             | Predetermined | Estimated    | Estimated Cost | Antivel One | Actual Cost   |
|--------------------------------------------------------------------------------------|---------------|--------------|----------------|-------------|---------------|
| Outside<br>Professional<br>Services                                                  | \$151,320.00  | \$143,750.00 | Justification  | \$12,617.70 | Justification |
| Comprehensive coverage verification via field study, if needed                       | \$84,200.00   | \$80,000.00  | N/A            | N/A         | N/A           |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application  | \$2,365.00    | \$2,250.00   | N/A            | N/A         | N/A           |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application    | \$1,580.00    | \$1,500.00   | N/A            | N/A         | N/A           |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00    | \$3,000.00   | N/A            | \$2,250.00  | N/A           |

| Perform engineering study for new channel assignment and antenna development           | \$7,360.00     | \$7,000.00     | N/A | \$1,000.00   | N/A |
|----------------------------------------------------------------------------------------|----------------|----------------|-----|--------------|-----|
| Project<br>management of<br>the transition                                             | \$47,400.00    | \$45,000.00    | N/A | \$9,367.70   | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00     | \$5,000.00     | N/A | N/A          | N/A |
| Sub-total                                                                              | \$151,320.00   | \$143,750.00   | N/A | \$12,617.70  | N/A |
| Total for all systems                                                                  | \$2,045,634.75 | \$1,691,735.67 | N/A | \$807,411.39 | N/A |

# Components

| Actual Information Description                                                                | File Name                      |                                                                   |
|-----------------------------------------------------------------------------------------------|--------------------------------|-------------------------------------------------------------------|
| Comprehensive coverage verification via field study, if needed                                | Information not provided.      |                                                                   |
| Attorney Fees -Prepare and<br>File FCC Form 2100 (main),<br>License to Cover Application      | Information not provided.      |                                                                   |
| Prepare engineering section<br>of FCC Form 2100 (main),<br>License to Cover Application       | Information not provided.      |                                                                   |
| Prepare engineering section<br>of FCC Form 2100 (main),<br>Construction Permit<br>Application | Component Description: Amount: | FCC Form 2100<br>Construction<br>Permit Application<br>\$2,250.00 |

| Perform engineering study<br>for new channel assignment<br>and antenna development              | Component Description:    | Engineering study<br>for new channel<br>assignment and<br>antenna<br>development |
|-------------------------------------------------------------------------------------------------|---------------------------|----------------------------------------------------------------------------------|
|                                                                                                 | Amount:                   | \$125.00                                                                         |
|                                                                                                 | Component Description:    | Engineering study work for new channel assignment and antenna development;       |
|                                                                                                 | Amount:                   | \$1,000.00                                                                       |
| Project management of the transition                                                            |                           |                                                                                  |
| แลกอเนบท                                                                                        | Component Description:    | Project<br>Management                                                            |
|                                                                                                 | Amount:                   | \$4,141.40                                                                       |
|                                                                                                 | Component Description:    | Project                                                                          |
|                                                                                                 | Amount:                   | Management<br>\$2,740.10                                                         |
|                                                                                                 | Component Description:    | Project                                                                          |
|                                                                                                 | Amount:                   | Management<br>\$2,486.20                                                         |
| Attorney Fees - Prepare<br>and File FCC Form 2100<br>(main), Construction Permit<br>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<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification                                                | Actual Cost  | Actual Cost<br>Justification |
|---------------------------------------------------------|--------------------------------|-------------------|-----------------------------------------------------------------------------------|--------------|------------------------------|
| Other<br>Expenses                                       | \$27,370.00                    | \$18,270.00       |                                                                                   | \$2,450.00   |                              |
| MVPD Notification of Channel Change                     | \$0.00                         | \$0.00            | N/A                                                                               | N/A          | N/A                          |
| Develop and air announcement of upcoming channel change | \$2,850.00                     | \$2,850.00        | estimate for on<br>air rescan<br>announcement<br>production.<br>Quote<br>attached | N/A          | N/A                          |
| Equipment<br>Storage                                    | \$10,000.00                    | \$10,000.00       | Estimate for Dielectric on site antenna storage Dielectric letter attached        | N/A          | N/A                          |
| Equipment Delivery and Handling Charges                 | \$2,970.00                     | \$2,970.00        | On site forklift<br>rental estimate<br>Representative<br>quote attached           | \$0.00       | N/A                          |
| DTV Medical<br>Facility<br>Notification                 | \$11,550.00                    | \$2,450.00        | Group quote attached                                                              | \$2,450.00   | N/A                          |
| Sub-total                                               | \$27,370.00                    | \$18,270.00       | N/A                                                                               | \$2,450.00   | N/A                          |
| Total for all systems                                   | \$2,045,634.75                 | \$1,691,735.67    | N/A                                                                               | \$807,411.39 | N/A                          |

# Components

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

| ed.                                             |
|-------------------------------------------------|
| ed.                                             |
|                                                 |
| Forklift Variable<br>Reach #12000<br>\$2,254.94 |
| Medical Notification mailing \$2,450.00         |
|                                                 |

# Cost Information

### **Grand Total**

|                       | Predetermined<br>Cost Estimate | Estimated Cost | Actual Cost  |
|-----------------------|--------------------------------|----------------|--------------|
| Total for all systems | \$2,045,634.75                 | \$1,691,735.67 | \$807,411.39 |

| Reimbursem | entestatus                                                                                                                                                                                                         | Response |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|            | The facility has ceased operating on its pre-<br>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       |

Section Question Response

# Submission of Estimated Expenses Statements

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.

- 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 abovenamed applicant for the Authorization(s) specified above. Robert Thurber VP, Engineering

01/03/2019

Section Question Response

# Submission of Actual Cost Documentation Statements

WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISIONMENT (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).

- 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.
- The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.
- 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.

- 8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
- 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.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. Robert Thurber VP, Engineering

01/03/2019

#### **Attachments**