

Federal Communications Commission

| (REFERENCE COPY - Not for submissi | on) |
|------------------------------------|-----|
| FCC Form 399:                      |     |

# **Reimbursement Request**

| Facility<br>ID: | 11033    | Service: DTV       | Call<br>Sign:  | WLLA | Channel: 22 (UHF) |
|-----------------|----------|--------------------|----------------|------|-------------------|
| File<br>Number: | 000002   | 7855               |                |      |                   |
| FRN: <b>00(</b> | 02940195 | Date<br>Submitted: | 03/06<br>/2019 |      |                   |

## Applicant Name, Type, and Contact Information

# Applicant Information

| Applicant                          | Address  | Phone                | Email                      | Applicant<br>Type |
|------------------------------------|--|----------------------|----------------------------|-------------------|
| CHRISTIAN FAITH<br>BROADCAST, INC. | Mr. Clyde R.<br>Yost<br>3809 MAPLE<br>AVENUE<br>CASTALIA,<br>OH 44824<br>United States | +1 (419)<br>684-5311 | rustyy@cfbroadcast.<br>net | Corporation       |

#### Reimbursement Contact Name and Information Reimbursement Contact Information

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

| Preparer<br>Contact<br>Information | Preparer Contact Name and Information              |         |       |       |
|------------------------------------|--|---------|-------|-------|
|                                    | Applicant  | Address | Phone | Email |
|                                    | The Preparer is same as the reimbursement contact. |         |       |       |

| Broadcaster | Question | Response |
|-------------|----------|----------|
| Information |          |          |
| and         |          |          |
| Transition  |          |          |
| Plan        |          |          |

| Will the station be sharing equipment with<br>another broadcast television station or<br>stations (e.g., a shared antenna, co-location<br>on a tower, use of the same transmitter<br>room, multiple transmitters feeding a<br>combiner, etc.)? If yes, enter the facility ID's<br>of the other stations and click 'prefill' to<br>download those stations' licensing<br>information. | No  |
|--|---|
| Briefly describe transition plan   | Must remove existing antenna(s),<br>transmitter, transmission line(s), install<br>interim antenna, transmitter, transmission<br>line - install new transmitter. Must add<br>space to building for heat exchangers,<br>pumps. Must reroute ductwork and install<br>different AC. |

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

| Primary     | Add Transmitter Information                   |  |                          |  |
|-------------|---|--|--------------------------|--|
| Transmitter | Section                                       | Question   | Response                 |  |
|             | Existing Transmitter<br>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<br>Manufacturer and Type | Manufacturer   |                          |  |
|             |   | Model  | Sigma<br>Diamond         |  |
|             |   | Year   | 2008                     |  |
|             |   | Туре   | Inductive<br>Output Tube |  |
|             |   | IOT Power Type   | Single                   |  |
|             |   | Power Capacity   | 30 kW                    |  |

| Primary     | New Transmitter Costs |   |  |  |  |
|-------------|-----------------------|---|--|--|--|
| Transmitter | Section               | Question                                  | Response   |  |  |
|             | New Transmitter       | Use                                       | Primary<br>(Main)  |  |  |
|             |                       | Change Type                               | Purchase<br>New  |  |  |
|             |                       | Is this a request for upgraded equipment? | Yes  |  |  |
|             |                       | Manufacturer                              |  |  |  |
|             |                       | Model                                     | ULXTE-24   |  |  |
|             |                       | Transmitter Type                          | Solid State  |  |  |
|             |                       | Solid State Cooling                       | Liquid<br>Cooled   |  |  |
|             |                       | Solid State Power capacity                | 16.1 kW  |  |  |
|             |                       | Justification for New Transmitter         | Gates is no<br>longer<br>making IOT<br>transmitters<br>- Existing<br>transmitter<br>cannot be<br>re-tuned.<br>See<br>attached<br>letter from<br>Gates Air. |  |  |

| Primary     | Other Transmitter Costs |                                       |          |  |  |
|-------------|-------------------------|---------------------------------------|----------|--|--|
| Transmitter | Section                 | Question                              | Response |  |  |
|             | Electrical Service      | Service Entrance (3 phases 800A 208V) | Yes      |  |  |
|             |                         | Switchgear (industrial 800 amp)       | Yes      |  |  |
|             |                         | Transformer (480V)                    | Yes      |  |  |
|             |                         | Power                                 | 150 kVA  |  |  |
|             |                         | Rigid Conduit and Wiring              | Yes      |  |  |
|             |                         |                                       | ,        |  |  |

|   | Size   | 2 inches   |
|---|--|--|
|   | Length   | 100.0 feet   |
|   | Other Electrical Service   | Yes  |
|   | Description  | remove old<br>and reroute<br>existing<br>conduit and<br>control<br>cabling |
| HVAC Service  | Does the replacement transmitter require HVAC Service?                                       | Yes  |
|   | Туре   | Cooling<br>Only  |
|   | Size   | 10 tons  |
|   | Other Size   | N/A  |
| Transmitter Building<br>Addition/Modification or<br>Leasehold Improvement | Does the Transmitter Building require an addition, modification, other leashold improvement? | Yes  |
|   | Size   | 320.0<br>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 Other Transmitter Cost Not Listed Information not provided.

| Antennas Section |               | Question                              | Response |
|------------------|---------------|---------------------------------------|----------|
| Antenna Rela     | ated Expenses | Do you have antenna related expenses? | Yes      |

| Primary | Add Antenna Information         |   |                    |  |
|---------|---------------------------------|---|--------------------|--|
| Antenna | Section                         | Question  | Response           |  |
|         | Existing Antenna<br>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 this antenna currently shared with any other stations?       | No                 |  |
|         |                                 | Is this 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  | Top 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)                                 | 275.0 kW           |  |
|         |                                 |   |                    |  |

| Manufacturer |                  |
|--------------|------------------|
| Model        | JA/MS-10 /<br>22 |
| Year         | 2017             |

| Primary | New Antenna Costs       |  |                    |  |  |
|---------|-------------------------|--|--------------------|--|--|
| Antenna | Section                 | Question   | Response           |  |  |
|         | New Antenna Description | Use  | Primary<br>(Main)  |  |  |
|         |                         | Description of Use   | N/A                |  |  |
|         |                         | Change Type  | Purchase<br>New    |  |  |
|         |                         | Is this a request for upgraded equipment?                            | No                 |  |  |
|         |                         | 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   | Horizontal         |  |  |
|         |                         | 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)                                      | 275.0 kW           |  |  |
|         |                         | Manufacturer   |                    |  |  |
|         |                         | Model  | JA 24/22           |  |  |
|         |                         |  |                    |  |  |

| Year                          |
|-------------------------------|
| Justification for New Antenna |

| Primary  | Other Antenna Costs            |   |                           |  |
|----------|--------------------------------|---|---------------------------|--|
| Antenna  | 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                       |  |
| Si<br>Pa |                                | Do you need a combiner output splitter /switcher for dual feed lines?   | N/A                       |  |
|          | Elbow Complex                  | Do you require the separate purchase of the Elbow Complex?  | Yes                       |  |
|          |                                | Broadband or Single Channel?  | Single<br>Channel         |  |
|          |                                | Feed Line Size  | 6 1/8<br>inches<br>inches |  |
|          | Side Mount Brackets            | Do you require the separate purchase of side mount brackets for a high power antenna?                             | No                        |  |
|          | Pattern Scatter Analysis       | Do you require separate purchase of<br>pattern scatter analysis for a side mount<br>high or medium power antenna? | No                        |  |
|          | Sweep Test                     | Do you require the sweep testing of transmission line and antenna?  | Yes                       |  |

# Primary Other Antenna Cost Not Listed

Antenna Information not provided.

| Interim | New Antenna Costs                    |  |                   |  |  |
|---------|--------------------------------------|--|-------------------|--|--|
| Antenna | Section                              | Question   | Response          |  |  |
|         | New Antenna Description              | Use  | Interim           |  |  |
|         |                                      | Description of Use   | N/A               |  |  |
|         |                                      | Change Type  | Purchase<br>New   |  |  |
|         |                                      | 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<br>Manufacturer and Type | Class  | Full Power        |  |  |
|         |                                      | Mounting   | Side Mount        |  |  |
|         |                                      | Antenna position in stack  | Not in Stack      |  |  |
|         |                                      | Polarization   | Horizontal        |  |  |
|         |                                      | Туре   | Broadband<br>Slot |  |  |
|         |                                      | Number of Stations Supported   | 1                 |  |  |
|         |                                      | Number of Panels/Bays  | 8                 |  |  |
|         |                                      | Lower Limit  | 500.00 MHz        |  |  |
|         |                                      | Upper Limit  | 660.00 MHz        |  |  |
|         |                                      | Design power capacity in use   | 70.0 %            |  |  |
|         |                                      | Other Antenna Type   | N/A               |  |  |
|         |                                      | ERP: (Effective Radiated Power)                                      | 190.0 kW          |  |  |
|         |                                      | Manufacturer   |                   |  |  |
|         |                                      | Model  | JSL Series        |  |  |
|         |                                      | Year   | 2017              |  |  |
|         |                                      |  |                   |  |  |

| Justification for New Antenna | Need<br>interim<br>antenna<br>while<br>removing<br>old and<br>installing<br>new |
|-------------------------------|---|

#### **Other Antenna Costs** Interim Antenna Section Question Response **Elbow Complex** Do you require the separate purchase of Yes the Elbow Complex? Broadband or Single Channel? В Feed Line Size 4 1/16 inches Side Mount Brackets Do you require the separate purchase of Yes side mount brackets for an antenna? Pattern Scatter Analysis Yes Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? Sweep Test Do you require the sweep testing of Yes transmission line and antenna?

# Interim Other Antenna Cost Not Listed

Antenna

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

| Primary     | Add Transmission Line                     |  |                      |  |
|-------------|---|--|----------------------|--|
| Transmissio | n Line<br>Section                         | Question   | Response             |  |
|             | Existing Transmission<br>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 this transmission currently shared with any other stations? | No                   |  |
|             |   | Is Transmission Line in operating condition?                   | Yes                  |  |
|             | Existing Transmission                     | Manufacturer   |                      |  |
|             | Line Manufacturer and<br>Type             | Туре   | Rigid                |  |
|             |   | Diameter   | 6 1/8<br>inches      |  |
|             |   | Other Diameter   | N/A                  |  |
|             |   | Segment Length   | 19 3/4<br>inches     |  |
|             |   | Other Segment Length   | N/A                  |  |
|             |   | Number of parallel runs  | 1                    |  |
|             |   | Length   | 1200 feet<br>per run |  |

Add Transmission Line

| 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<br>inches   |  |
|             |                                | Other Diameter                            | N/A   |  |
|             |                                | Segment Length                            | 19 1/2<br>inches  |  |
|             |                                | Other Segment Length                      | N/A   |  |
|             |                                | Number of parallel runs                   | 1   |  |
|             |                                | Length                                    | 1200 feet<br>per run  |  |
|             |                                | Justification for New Transmission Line   | The<br>existing line<br>cannot be<br>used on<br>new<br>frequency. |  |

Primary Other Transmission Line Expenses Not Listed

Transmission to me tion not provided.

| Interim     | New Transmission Line |   |  |  |
|-------------|-----------------------|---|--|--|
| Transmissio | n Section             | Question                                | Response   |  |
|             | New Transmission Line | Use                                     | Interim  |  |
|             | Costs                 | Description of Use                      | N/A  |  |
|             |                       | Change Type                             | Purchase<br>New  |  |
|             |                       | Туре                                    | Rigid  |  |
|             |                       | Diameter                                | 3 1/8 inches   |  |
|             |                       | Segment Length                          | Broadband  |  |
|             |                       | Other Segment Length                    |  |  |
|             |                       | Number of parallel runs                 | 1  |  |
|             |                       | Length                                  | 1100 feet<br>per run   |  |
|             |                       | Justification for New Transmission Line | will need to<br>operate<br>with interim<br>facility<br>while<br>removing<br>old and<br>installing<br>new |  |

Interim Other Transmission Line Expenses Not Listed

Transmission home tion not provided.

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

| Primary | Existing Tower |
|---------|----------------|
|         |                |

| Primary<br>Tower | _   |   |                      |
|------------------|---|---|----------------------|
|                  | Section   | Question  | Response             |
|                  | Existing Tower<br>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? | No                   |
|                  |   | One or more FM, AM or TV radio broadcaster(s)           | N/A                  |
|                  |   | Others Types of Users                                   | N/A                  |
|                  |   | Is tower documented for structural analysis?            | Unknown              |
|                  |   | Is tower compliant with Rev G?                          | No                   |
|                  | Existing Tower Structure<br>Registration                  | Do you have a tower registration number?                | Yes                  |
|                  |   | ASR Number  | 1004741              |
|                  | Coordinates (NAD83 (<br>North American Datum of<br>1983)) | Latitude (NAD83)  | 42° 33' 52.1"<br>N-  |
|                  |   | Longitude (NAD83)                                       | 085° 27'<br>31.0" W- |
|                  |   | Overall Structure Height                                | 1080.04 feet         |
|                  |   | Support Structure Height                                | 1054.12 feet         |
|                  |   | Ground Elevation Above Mean Sea Level<br>(AMSL)         | 872.04 feet          |
|                  |   |   | 1                    |

| Structure Type   | TOWER -<br>Free<br>Standing or<br>Guyed<br>Structure |
|------------------|--|
| Tower Owner      | Christian<br>Broadcasting<br>Ministry                |
| Date Constructed | 05/21/2007   |

# Primary Tower Section Out

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

# Primary Tower Rigging Costs

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

| Primary<br>Tower | Other Tower Expenses Not Listed |  |  |
|------------------|---------------------------------|--|--|
|                  | Name                            | Description  |  |
|                  | tower rigging                   | may need to rig tower for interim equipment and re-rig for final install |  |

| Outside<br>Professional | Section  | Question   | Response |
|-------------------------|--|--|----------|
|                         | Services Costs<br>Outside Project<br>Management Services | Do you require outside project management services?                          | No       |
|                         |  | Number of Hours  | N/A      |
|                         |  | Explanation  | N/A      |
|                         | Outside RF consulting<br>Engineering Services            | Perform engineering study for new channel assignment and antenna development | Yes      |
|                         |  | Prepare engineering section of Form FCC<br>Construction Permit Application   | Yes      |
|                         |  | For Auxiliary Facility   | No       |
|                         |  | For Main Facility  | Yes      |
|                         |  | Prepare engineering section of Form FCC<br>License to Cover Application      | Yes      |
|                         |  | For Auxiliary Facility   | No       |
|                         | -  | For Main Facility  | Yes      |
|                         |  | Prepare request for Special Temporary<br>Authority                           | Yes      |
|                         |  | Quantity   | 1        |
|                         |  | Do you have Distributed Transmission<br>System engineering services?         | N/A      |
|                         |  | Critical Facility  | N/A      |
|                         |  | Terrain-Shielded Facility  | N/A      |
|                         | Attorney and Other<br>Outside Consulting<br>Services     | Prepare and file Form FCC Construction<br>Permit Application                 | Yes      |
|                         |  | For Auxiliary Facility   | No       |
|                         |  | For Main Facility  | Yes      |
|                         |  | Prepare and file Form FCC License to<br>Cover Application                    | Yes      |
|                         |  | For Auxiliary Facility   | No       |
|                         |  | For Main Facility  | Yes      |
|                         |  |  | -        |

|                                  | Prepare request for Special Temporary  | Yes |
|----------------------------------|--|-----|
|                                  | Authority  |     |
|                                  | Quantity   | 1   |
|                                  | 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   | Yes |
|                                  | Additional Field Engineering Service   | No  |
|                                  | Number of Days   | N/A |
|                                  | Justification  | N/A |

Other Professional Services Expenses Not Listed Professional Services roopstsided.

| Other    | Section                         | Question   | Response |
|----------|---------------------------------|--|----------|
| Expenses | 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   | Yes      |
|          |                                 | FCC Special Temporary Authority<br>Application   | Yes      |
|          | Other Miscellaneous<br>Expenses | Does this relocation require paying<br>Disposal Costs (for equipment and other<br>waste, net of any salvage value)?        | Yes      |
|          |                                 | Does this relocation require Equipment<br>Delivery or Handling Charges not otherwise<br>included in individual item costs? | Yes      |
|          |                                 | Does this relocation require Equipment Storage?  | Yes      |
|          |                                 | Does this relocation require the<br>Development and Airing of an<br>Announcement regarding an upcoming<br>channel change?  | Yes      |
|          |                                 | Does this relocation require MVPD<br>Notification of a Channel Change?   | Yes      |

#### **Other Expenses Not Listed**

| Other<br>Expenses | Other Expenses Not Listed |   |  |
|-------------------|---------------------------|---|--|
|                   | Name                      | Description   |  |
|                   | employee expense          | must bring in employees from OH and overtime for onsite employees |  |
|                   | lodging meals incidentals | OH employees lodging and meals                                    |  |
|                   | Tower Road Modifications  | Must modify road to tower to allow large trucks etc.              |  |

# Transmitters

# Cost Information

| Description<br>Primary<br>Transmitter<br>ULXTE-24   | Predetermined<br>Cost Estimate<br>\$836,240.00 | Estimated<br>Cost<br>\$795,608.07 | Estimated<br>Cost<br>Justification  | Actual Cost<br>\$332,801.16 | Actual Cost<br>Justification  |
|---|--|-----------------------------------|---|-----------------------------|---|
| 10 Ton<br>system  | \$38,900.00                                    | \$16,120.00                       | Estimate is<br>a change<br>from<br>previous<br>due to<br>equipment<br>price<br>increase<br>from<br>approx. one<br>year ago<br>estimate.<br>Uploaded<br>new<br>estimate. | \$21,120.00                 | Estimated<br>wiring cost<br>was not<br>included on<br>in the<br>Adams Air<br>Quote but<br>was<br>included in<br>the<br>Severance<br>Electric<br>Quote and<br>is reflected<br>elsewhere<br>on Form<br>399 see<br>attached<br>New PDF |
| Other<br>Building<br>Addition<br>Size: 320.0  | \$32,590.00                                    | \$32,590.00                       | per revised<br>Rick Reed<br>estimate to<br>include Call<br>Letters and<br>Facility ID   | \$32,590.00                 | This cost is<br>reflected in<br>the<br>transmitter<br>cost<br>originally  |
| Other<br>Electrical<br>Service:<br>remove old<br>and reroute<br>existing<br>conduit and<br>control<br>cabling | \$0.00   | \$0.00                            | Price<br>reflected<br>elsewhere   | N/A                         | N/A   |

| 2" Rigid<br>Conduit and<br>Wiring<br>(Cost per<br>foot)                 | \$2,600.00     | \$0.00         | Price<br>reflected<br>elsewhere   | N/A          | N/A   |
|---|----------------|----------------|---|--------------|---|
| Transformer<br>3 phase<br>/480v - 150<br>KVA                            | \$25,550.00    | \$24,300.00    | N/A   | N/A          | N/A   |
| Switchgear<br>- industrial<br>800 amp                                   | \$38,200.00    | \$36,300.00    | N/A   | N/A          | N/A   |
| UHF -<br>Liquid<br>Cooled<br>Solid State<br>Transmitter<br>14.2 - 20 kW | \$684,000.00   | \$672,598.07   | New quote<br>from Gates<br>Air after<br>engineering<br>finished and<br>determined<br>we need a<br>transmitter<br>capable of<br>24KW<br>minimum.<br>Includes<br>Mask Filter<br>and<br>Electrical<br>Transformer. | \$279,091.16 | After<br>Engineering<br>was<br>finished - it<br>was<br>determined<br>the first<br>transmitter<br>quoted was<br>too small<br>(14.2-<br>20kW)<br>WLLA will<br>need a<br>minimum of<br>24kW to<br>reach our<br>ERP.<br>Additionally<br>this<br>includes<br>Mask Filter<br>and<br>electrical<br>transformer |
| Service<br>entrance 3<br>phase/800<br>amp/208<br>volt                   | \$14,400.00    | \$13,700.00    | N/A   | N/A          | N/A   |
| Sub-total   | \$836,240.00   | \$795,608.07   | N/A   | \$332,801.16 | N/A   |
| Total for all systems   | \$2,762,249.00 | \$2,643,082.07 | N/A   | \$388,276.16 | N/A   |
|   |                |                |   |              |   |

| File Name                 |  |
|---------------------------|--|
|                           |  |
| Component Description:    | Invoice for<br>Electrical wiring 3<br>Phase AC Install   |
| Amount:                   | \$5,000.00   |
| Component Description:    | Install 2- 5 ton AC<br>units includes 2<br>condensors and 2<br>Air handlers.<br>Does not include   |
|                           | electrical wiring.   |
| Amount:                   | \$16,120.00  |
| Component Description:    | Rick Reed  |
| Component Description.    | Building Addition  |
| Amount:                   | \$32,590.00  |
| Information not provided. |  |
|                           | Component Description:<br>Amount:<br>Component Description:<br>Amount:<br>Component Description:<br>Amount:<br>Information not provided. |

| UHF - Liquid Cooled Solid                     |                           |  |
|---|---------------------------|--|
| State Transmitter 14.2 - 20<br>kW             | Component Description:    | 1/3 Down<br>payment for<br>WLLA transmitter.<br>Includes Mask<br>Filter and some<br>Electrical |
|   | Amount:                   | components<br>\$279,091.16   |
| Service entrance 3 phase<br>/800 amp/208 volt | Information not provided. |  |

# Antennas

# Cost Information

| Description   | Predetermined<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification | Actual Cost | Actual Cost<br>Justification |
|---|--------------------------------|-------------------|------------------------------------|-------------|------------------------------|
| Interim<br>Antenna<br>JSL Series  | \$135,490.00                   | \$128,800.00      |                                    | \$0.00      |                              |
| Sweep test<br>of existing<br>antenna  | \$6,730.00                     | \$6,400.00        | N/A                                | N/A         | N/A                          |
| UHF -<br>Lower<br>Power<br>Side<br>Mount,<br>One<br>station<br>antenna -<br>medium<br>power (50-<br>200 kW),<br>horizontally<br>polarized | \$89,400.00                    | \$85,000.00       | N/A                                | N/A         | N/A                          |
| Elbow<br>complex,<br>broadband,<br>at antenna<br>input, per 4<br>1/16.<br>feedline (if<br>needed)   | \$10,950.00                    | \$10,400.00       | N/A                                | N/A         | N/A                          |
| Side mount<br>brackets<br>for high<br>power<br>antennas<br>(if not<br>included in<br>antenna<br>base cost)                                | \$23,150.00                    | \$22,000.00       | N/A                                | N/A         | N/A                          |

| Pattern<br>scatter<br>analysis for<br>side mount<br>high/med<br>power<br>antennas<br>(if not<br>included in<br>antenna<br>base cost) | \$5,260.00     | \$5,000.00     | N/A | N/A          | N/A |
|--|----------------|----------------|-----|--------------|-----|
| Primary<br>Antenna<br>JA 24/22   | \$266,030.00   | \$253,100.00   |     | \$0.00       |     |
| Elbow<br>complex,<br>single<br>channel, at<br>antenna<br>input, per 6<br>1/8.<br>feedline (if<br>needed)                             | \$12,300.00    | \$11,700.00    | N/A | N/A          | N/A |
| Sweep test<br>of existing<br>antenna   | \$6,730.00     | \$6,400.00     | N/A | N/A          | N/A |
| UHF - High<br>Power Top<br>Mount<br>(200-1000<br>kW), One<br>station<br>antenna,<br>horizontally<br>polarized                        | \$247,000.00   | \$235,000.00   | N/A | N/A          | N/A |
| Sub-total  | \$401,520.00   | \$381,900.00   | N/A | \$0.00       | N/A |
| Total for<br>all<br>systems  | \$2,762,249.00 | \$2,643,082.07 | N/A | \$388,276.16 | N/A |

## **Transmission Line**

## Cost Information

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>Justificatio |
|---|--------------------------------|-------------------|--|--------------|-----------------------------|
| Interim<br>Transmission<br>Line                                 | \$132,000.00                   | \$125,400.00      |  | \$0.00       |                             |
| Rigid<br>Transmission<br>Line -<br>copper, 3 1<br>/8" broadband | \$132,000.00                   | \$125,400.00      | N/A  | N/A          | N/A                         |
| Primary<br>Transmission<br>Line                                 | \$242,400.00                   | \$230,400.00      |  | \$0.00       |                             |
| Rigid<br>Transmission<br>Line -<br>copper, 6 1/8"               | \$242,400.00                   | \$230,400.00      | Per Widelity<br>Catalog Pg<br>17 tables 1<br>& 2 Ch 22<br>requires a<br>20ft section<br>and we are<br>presently<br>using a 19-3<br>/4ft section<br>transmission<br>line. We will<br>need to<br>replace the<br>existing 6-1<br>/8 line. | N/A          | N/A                         |
| Sub-total   | \$374,400.00                   | \$355,800.00      | N/A  | \$0.00       | N/A                         |
| Total for all systems   | \$2,762,249.00                 | \$2,643,082.07    | N/A  | \$388,276.16 | N/A                         |

## Components

# **Tower Equipment and Rigging Costs**

## Cost Information

| Description                                    | Predetermined<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification   | Actual Cost | Actual Cost<br>Justification |
|--|--------------------------------|-------------------|--|-------------|------------------------------|
| Primary Tower<br>TOWER                         | \$857,800.00                   | \$825,000.00      |  | \$0.00      |                              |
| tower rigging                                  | \$200,000.00                   | \$200,000.00      | Interim<br>Facility<br>install and<br>existing line<br>removal.<br>We will<br>most likely<br>need to rig<br>the tower<br>twice, once<br>for the<br>removal of<br>equipment<br>and install<br>interim<br>equipment.<br>Then a 2nd<br>time to<br>install the<br>primary<br>antenna and<br>transmission<br>line. If<br>Needed | N/A         | N/A                          |
| Tall Tower<br>(greater than<br>500')           | \$210,500.00                   | \$200,000.00      | Install new<br>line and<br>antenna.<br>2nd rigging<br>for<br>installation<br>of new<br>equipment   | N/A         | N/A                          |
| Major tower<br>reinforcement<br>/modifications | \$421,000.00                   | \$400,000.00      | N/A  | N/A         | N/A                          |

| Tower<br>mapping for<br>an<br>undocumented<br>/poorly<br>documented<br>tower and<br>preparation of<br>documentation<br>necessary for<br>tower load<br>study | \$26,300.00    | \$25,000.00    | N/A | N/A          | N/A |
|---|----------------|----------------|-----|--------------|-----|
| Sub-total   | \$857,800.00   | \$825,000.00   | N/A | \$0.00       | N/A |
| Total for all systems   | \$2,762,249.00 | \$2,643,082.07 | N/A | \$388,276.16 | N/A |

# **Outside Professional Services**

# Cost Information

| Description  | Predetermined<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification | Actual Cost | Actual Cost<br>Justification |
|--|--------------------------------|-------------------|------------------------------------|-------------|------------------------------|
| Outside<br>Professional<br>Services  | \$130,700.00                   | \$123,750.00      |                                    | \$0.00      |                              |
| RF Exposure<br>Measurements  | \$21,050.00                    | \$20,000.00       | N/A                                | N/A         | N/A                          |
| Comprehensive<br>coverage<br>verification via<br>field study, if<br>needed                               | \$84,200.00                    | \$80,000.00       | N/A                                | N/A         | N/A                          |
| Attorney Fees -<br>Prepare and<br>File request for<br>Special<br>Temporary<br>Authorization              | \$3,680.00                     | \$3,500.00        | N/A                                | N/A         | N/A                          |
| Attorney Fees -<br>Prepare and<br>File FCC Form<br>2100 (main),<br>License to<br>Cover<br>Application    | \$2,365.00                     | \$2,250.00        | N/A                                | N/A         | N/A                          |
| Attorney Fees -<br>Prepare and<br>File FCC Form<br>2100 (main),<br>Construction<br>Permit<br>Application | \$5,260.00                     | \$5,000.00        | N/A                                | N/A         | N/A                          |
| Prepare<br>request for<br>Special<br>Temporary<br>Authorization  | \$2,050.00                     | \$1,500.00        | N/A                                | N/A         | N/A                          |

| Prepare<br>engineering<br>section of FCC<br>Form 2100<br>(main), License<br>to Cover<br>Application       | \$1,580.00     | \$1,500.00     | N/A | N/A          | N/A |
|---|----------------|----------------|-----|--------------|-----|
| Perform<br>engineering<br>study for new<br>channel<br>assignment<br>and antenna<br>development            | \$7,360.00     | \$7,000.00     | N/A | N/A          | N/A |
| Prepare<br>engineering<br>section of FCC<br>Form 2100<br>(main),<br>Construction<br>Permit<br>Application | \$3,155.00     | \$3,000.00     | N/A | N/A          | N/A |
| Sub-total   | \$130,700.00   | \$123,750.00   | N/A | \$0.00       | N/A |
| Total for all systems   | \$2,762,249.00 | \$2,643,082.07 | N/A | \$388,276.16 | N/A |

# **Other Expenses**

# Cost Information

| Description  | Predetermined<br>Cost Estimate | Estimated<br>Cost | Estimated Cost<br>Justification   | Actual Cost | Actual Cost<br>Justificatio |
|--|--------------------------------|-------------------|---|-------------|-----------------------------|
| Other<br>Expenses  | \$161,589.00                   | \$161,024.00      |   | \$55,475.00 |                             |
| employee<br>expense  | \$31,362.00                    | \$31,362.00       | Must take<br>employee off<br>regular duty for<br>the re-pack<br>and project<br>manage. Plus<br>maintain day to<br>day<br>responsibilities.<br>See Attached<br>Employee<br>Expense<br>Exihibit | N/A         | N/A                         |
| MVPD<br>Notification of<br>Channel<br>Change                           | \$5,000.00                     | \$5,000.00        | N/A   | N/A         | N/A                         |
| Develop and<br>air<br>announcement<br>of upcoming<br>channel<br>change | \$5,000.00                     | \$5,000.00        | N/A   | N/A         | N/A                         |
| Equipment<br>Storage   | \$8,000.00                     | \$8,000.00        | 3 - 45ft<br>containers for<br>temp storage<br>approx. 6<br>months rental<br>plus drop-off /<br>pick-up  | N/A         | N/A                         |
| Equipment<br>Delivery and<br>Handling<br>Charges                       | \$17,000.00                    | \$17,000.00       | N/A   | N/A         | N/A                         |

| Disposal<br>Costs (for<br>equipment and<br>other waste,<br>net of any<br>salvage value) | \$15,000.00    | \$15,000.00    | N/A  | N/A          | N/A |
|---|----------------|----------------|--|--------------|-----|
| FCC Filing<br>Fees - Form<br>2100 license<br>to cover<br>application                    | \$335.00       | \$325.00       | N/A  | N/A          | N/A |
| FCC Filing<br>Fees - Special<br>Temporary<br>Authorization<br>request                   | \$195.00       | \$190.00       | N/A  | N/A          | N/A |
| Tower Road<br>Modifications   | \$55,475.00    | \$55,475.00    | N/A  | \$55,475.00  | N/A |
| lodging meals<br>incidentals  | \$12,672.00    | \$12,672.00    | See Attached<br>Employee<br>Expense<br>Exhibit | N/A          | N/A |
| DTV Medical<br>Facility<br>Notification   | \$11,550.00    | \$11,000.00    | N/A  | N/A          | N/A |
| Sub-total   | \$161,589.00   | \$161,024.00   | N/A  | \$55,475.00  | N/A |
| Total for all systems   | \$2,762,249.00 | \$2,643,082.07 | N/A  | \$388,276.16 | N/A |

| Actual Information<br>Description                             | File Name                 |
|---|---------------------------|
| employee expense  | Information not provided. |
| MVPD Notification of<br>Channel Change                        | Information not provided. |
| Develop and air<br>announcement of upcoming<br>channel change | Information not provided. |
| Equipment Storage   | Information not provided. |

| Equipment Delivery and<br>Handling Charges                                     | Information not provided.         |   |
|--|-----------------------------------|---|
| Disposal Costs (for<br>equipment and other waste,<br>net of any salvage value) | Information not provided.         |   |
| FCC Filing Fees - Form<br>2100 license to cover<br>application                 | Information not provided.         |   |
| FCC Filing Fees - Special<br>Temporary Authorization<br>request                | Information not provided.         |   |
| Tower Road Modifications   | Component Description:<br>Amount: | Modifications to<br>tower rd to allow<br>large trucks etc.<br>\$55,475.00 |
| lodging meals incidentals  | Information not provided.         |   |
| DTV Medical Facility<br>Notification   | Information not provided.         |   |

| Cost<br>Information | Grand Total           |                                |                |              |
|---------------------|-----------------------|--------------------------------|----------------|--------------|
|                     |                       | Predetermined<br>Cost Estimate | Estimated Cost | Actual Cost  |
|                     | Total for all systems | \$2,762,249.00                 | \$2,643,082.07 | \$388,276.16 |

| Reimbursem | entestiatus  | 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<br>submitted no further costs are expected to<br>be incurred. Note this will lock the Form 399<br>from further editing and begin close-out<br>procedures with the Fund Administrator. | No       |

| Certification | Section  | Question  | Response |
|---------------|--|---|----------|
|               | Submission of Estimated<br>Expenses Statements | WILLFUL FALSE STATEMENTS ON THIS<br>FORM ARE PUNISHABLE BY FINE AND<br>/OR IMPRISONMENT (U.S. CODE, TITLE<br>18, SECTION 1001), AND/OR<br>REVOCATION OF ANY STATION<br>LICENSE OR CONSTRUCTION PERMIT<br>(U.S. CODE, TITLE 47, SECTION 312(a)<br>(1), AND/OR FORFEITURE (U.S. CODE,<br>TITLE 47, SECTION 503), AND ANY<br>FALSE STATEMENTS COULD SUBJECT<br>THIS ENTITY TO LIABILITY UNDER THE<br>FALSE CLAIMS ACT. |          |
|               |  | <ol> <li>The Authorized<br/>Person signing<br/>below certifies that he<br/>/she is authorized to<br/>submit this TV<br/>Broadcaster<br/>Relocation Fund<br/>Reimbursement<br/>Form on behalf of<br/>the above-named<br/>entity.</li> <li>The above-named</li> </ol>   |          |
|               |  | entity acknowledges<br>that all certifications<br>and attached<br>documentation are<br>considered material<br>representations.  |          |
|               |  | 3. The above-named<br>entity acknowledges<br>the submission of the<br>information herein<br>creates no obligation<br>on the part of the<br>government to pay<br>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).
- 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<br>entity certifies that it<br>is in full compliance<br>with all statutes,<br>rules, regulations<br>and governmental<br>requirements for<br>which compliance is<br>a pre-requisite for<br>obtaining the<br>payments herein<br>requested. |   |
|--|---|---|
|  | I declare, under penalty of perjury, that I am<br>an authorized representative of the above-<br>named applicant for the Authorization(s)<br>specified above.  | Richard<br>Hawkins<br><i>GM</i><br>03/06/2019 |

# Attachments