



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **22108** | Service: **DTV** | Call **WFWA** | Channel: **18 (UHF)** |  
ID:  
File **0000027861**  
Number:  
FRN: **0007158843** | Date **11/28**  
Submitted: **/2018**

## Applicant Information

### Applicant Name, Type, and Contact Information

| Applicant  | Address  | Phone                    | Email                   | App<br>Type |
|--|--|--------------------------|-------------------------|-------------|
| <b>FORT WAYNE PUBLIC<br/>TELEVISION, INC.</b><br>Doing Business As: FORT<br>WAYNE PUBLIC TELEVISION,<br>INC. | 2501 EAST<br>COLISEUM<br>BOULEVARD<br>FORT WAYNE, IN<br>46805<br>United States | +1 (260)<br>484-<br>8839 | brucehaines@wfw.<br>org | Not<br>Pro  |

## Reimbursement Contact Information

### Reimbursement Contact Name and Information

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

## Preparer Contact Information

### Preparer Contact Name and Information

| Applicant   | Address   | Phone                 | Email                   |
|---|---|-----------------------|-------------------------|
| <b>Robert Gehman</b><br><i>ConsultingEngineer</i><br><i>Kessler and Gehman</i><br><i>Associates, Inc.</i> | Robert Gehman<br>507 NW 60 Street<br>Suite D<br>Gainesville, FL<br>32607<br>United States | +1 (352) 332-<br>3157 | bob@kesslerandge<br>com |

**Broadcaster  
Information  
and  
Transition  
Plan**

| Question  | Response   |
|---|--|
| Will the station be sharing equipment with another broadcast television station or stations (e. g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information. | No   |
| Briefly describe transition plan  | Map & analyze tower; modify if needed. Rep transmitter and antenna. Acquire interim ant system to keep station on air while replacing antenna and for the duration of the phase. S attached Transition Plan. |

**Transmitters**

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

**Primary  
Transmitter**

**Existing Transmitter Information**

| Section   | Question   | Response     |
|---|--|--------------|
| <b>Existing Transmitter<br/>Description</b>           | Type of change   | Purchase N   |
|   | Use  | Primary (Ma  |
|   | Description of Use   | N/A          |
|   | Ownership  | Owned        |
|   | Owner  | N/A          |
|   | Site   | N/A          |
|   | Is this transmitter currently shared with another station? | No           |
|   | Is this transmitter currently in operating condition?      | Yes          |
| <b>Existing Transmitter<br/>Manufacturer and Type</b> | Manufacturer   |              |
|   | Model  | DTT5CSWL     |
|   | Year   | 2013         |
|   | Type   | Solid State  |
|   | Solid State Cooling  | Liquid Coole |
|   | Solid State Power Capacity                                 | 9.6 kW       |

Primary  
Transmitter

New Transmitter Costs

| Section         | Question                                  | Response   |
|-----------------|---|--|
| New Transmitter | Use                                       | Primary (Ma  |
|                 | Change Type                               | Purchase N   |
|                 | Is this a request for upgraded equipment? | No   |
|                 | Manufacturer                              |  |
|                 | Model                                     | TBD  |
|                 | Transmitter Type                          | Solid State  |
|                 | Solid State Cooling                       | Liquid Coole   |
|                 | Solid State Power capacity                | 10 kW  |
|                 | Justification for New Transmitter         | Manufacture<br>existing<br>transmitter i<br>of business<br>no support i<br>available for<br>existing<br>transmitter. |

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                                 | 150 kVA    |
|                    | Rigid Conduit and Wiring              | Yes        |
|                    | Size                                  | 3 inches   |
|                    | Length                                | 100.0 feet |
|                    | Other Electrical Service              | No         |
|                    | Description                           | N/A        |

|  |   |     |
|--|---|-----|
| <b>HVAC Service</b>  | Does the replacement transmitter require HVAC Service?  | No  |
|  | Type  | N/A |
|  | Size  | N/A |
|  | Other Size  | N/A |
| <b>Transmitter Building Addition/Modification or Leasehold Improvement</b> | Does the Transmitter Building require an addition, modification, other leasehold improvement? | No  |
|  | Size  | N/A |
| <b>Channel 14 Costs</b>  | Is an RF Consulting Engineer needed?  | N/A |
|  | Is a channel 14 Mask Filer needed?  | N/A |
|  | Is additional field engineering time needed?  | N/A |
|  | Number of Days  | N/A |

**Primary Transmitter**

**Other Transmitter Cost Not Listed**

| Name                                 | Description                                       |
|--------------------------------------|---|
| <b>Standby Exciter and Switch</b>    | Standby Exciter with Automatic Change Over Switch |
| <b>Additional Interior RF System</b> | Additional Interior RF System for new transn      |

**Antennas**

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

Primary  
Antenna

Add Antenna Information

| Section                                   | Question  | Response        |
|---|---|-----------------|
| Existing Antenna<br>Description           | Type of change  | Purchase New    |
|   | Antenna Use   | Primary (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?                                    | No              |
|   | Is antenna in operating condition?                              | Yes             |
|   | Is antenna located on or in close proximity to an antenna farm? | No              |
| Existing Antenna<br>Manufacturer and Type | Class   | Full Power      |
|   | Mounting  | Top Mount       |
|   | Antenna position in stack                                       | Not in Stack    |
|   | Polarization  | Horizontal      |
|   | Type  | Slotted Coaxial |
|   | Number of Stations Supported                                    | N/A             |
|   | Number of Panels  | N/A             |
|   | Design power capacity in use                                    | N/A             |
|   | Lower Limit   | N/A             |
|   | Upper Limit   | N/A             |
|   | Other Antenna Type  | N/A             |
|   | ERP: (Effective Radiated Power)<br>.....                        | 152.8 kW        |
|   | Manufacturer  |                 |
|   |   |                 |

|       |                 |
|-------|-----------------|
| Model | TFU-28GTH-04 DC |
| Year  | 2004            |

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Primary  
Antenna

New Antenna Costs

| Section                               | Question   | Response     |
|---------------------------------------|--|--------------|
| New Antenna Description               | Use  | Primary (Ma  |
|                                       | Description of Use   | N/A          |
|                                       | Change Type  | Purchase N   |
|                                       | Is this a request for upgraded equipment?                            | No           |
|                                       | Ownership  | Owned        |
|                                       | Owner  | N/A          |
|                                       | Is antenna shared?   | No           |
|                                       | Is antenna directional?  | No           |
|                                       | Will antenna be located on or in close proximity to an antenna farm? | No           |
| New Antenna<br>Manufacturer and Types | Class  | Full Power   |
|                                       | Mounting   | Top Mount    |
|                                       | Antenna position in stack  | Not in Stack |
|                                       | Polarization   | Horizontal   |
|                                       | Type   | Slotted Coa  |
|                                       | 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)                                      | 109.0 kW     |
|                                       | Manufacturer   |              |
|                                       | Model  | TBD          |
|                                       | Year   | 2018         |
|                                       |  |              |

|  |                               |  |
|--|-------------------------------|--|
|  | Justification for New Antenna | The existing primary antenna is a single channel slot coaxial which cannot accommodate the assigned channel. |
|--|-------------------------------|--|

**Primary  
Antenna**

**Other Antenna Costs**

| Section                            | Question  | Response       |
|------------------------------------|---|----------------|
| <b>Combiner for Shared Antenna</b> | Do you need a Combiner for a Shared Antenna?  | No             |
|                                    | Type  |                |
|                                    | Number of channels supported  | N/A            |
|                                    | Frequencies of channels supported   | N/A            |
|                                    | Frequency   | N/A            |
|                                    | Do you need a combiner output splitter/switcher for dual feed lines?  | N/A            |
| <b>Elbow Complex</b>               | Do you require the separate purchase of the Elbow Complex?  | Yes            |
|                                    | Broadband or Single Channel?  | Single Channel |
|                                    | Feed Line Size  | 6 1/8 inches   |
| <b>Side Mount Brackets</b>         | Do you require the separate purchase of side mount brackets for a high power antenna?                       | No             |
| <b>Pattern Scatter Analysis</b>    | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | No             |
| <b>Sweep Test</b>                  | Do you require the sweep testing of transmission line and antenna?  | Yes            |

**Primary  
Antenna**

**Other Antenna Cost Not Listed**  
Information not provided.

**Interim  
Antenna**

**New Antenna Costs**

| Section                                      | Question   | Response     |
|--|--|--------------|
| <b>New Antenna Description</b>               | Use  | Interim      |
|  | Description of Use   | N/A          |
|  | Change Type  | Purchase N   |
|  | Ownership  | Owned        |
|  | Owner  | N/A          |
|  | Is antenna shared?   | No           |
|  | Is antenna directional?  | No           |
|  | Will antenna be located on or in close proximity to an antenna farm? | No           |
| <b>New Antenna<br/>Manufacturer and Type</b> | Class  | Full Power   |
|  | Mounting   | Side Mount   |
|  | Antenna position in stack  | Not in Stack |
|  | Polarization   | Horizontal   |
|  | Type   | Slotted Coa  |
|  | 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)<br>.....                             | 152.8 kW     |
|  | Manufacturer   |              |
|  | Model  | TBD          |
|  | Year   | 2018         |
|  |  |              |

|  |                               |  |
|--|-------------------------------|--|
|  | Justification for New Antenna | An interim antenna is necessary to keep station the air during primary antenna replacement for the duration of the assignment phase. |
|--|-------------------------------|--|

**Interim  
Antenna**

**Other Antenna Costs**

| Section                         | Question  | Response     |
|---------------------------------|---|--------------|
| <b>Elbow Complex</b>            | Do you require the separate purchase of the Elbow Complex?  | Yes          |
|                                 | Broadband or Single Channel?  | S            |
|                                 | Feed Line Size  | 6 1/8 inches |
| <b>Side Mount Brackets</b>      | Do you require the separate purchase of side mount brackets for an antenna?                                 | Yes          |
| <b>Pattern Scatter Analysis</b> | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | Yes          |
| <b>Sweep Test</b>               | Do you require the sweep testing of transmission line and antenna?  | Yes          |

**Interim  
Antenna**

**Other Antenna Cost Not Listed**

Information not provided.

| Transmission Line | Section                            | Question  | Response |
|-------------------|------------------------------------|---|----------|
|                   | Transmission Line Related Expenses | Do you have transmission line related expenses? | Yes      |

| Primary Transmission Line | Existing Transmission Line                       |  |                  |
|---------------------------|--|--|------------------|
|                           | Section  | Question   | Response         |
|                           | Existing Transmission Line Description           | Type of change   | Utilize Existing |
|                           |  | Use  | Primary (Main)   |
|                           |  | Description of Use   | N/A              |
|                           |  | Ownership  | Owned            |
|                           |  | Owner  | N/A              |
|                           |  | Site   | N/A              |
|                           |  | Is the existing transmission line shared with another station or stations? | No               |
|                           |  | Is Transmission Line in operating condition?                               | Yes              |
|                           | Existing Transmission Line Manufacturer and Type | Manufacturer   | Dielectric       |
|                           |  | Type   | 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   | 770 feet per     |

| Primary Transmission Line | Other Transmission Line Expenses Not Listed |   |
|---------------------------|---|---|
|                           | Name  | Description                                     |
|                           | Primary Line Sweep                          | Sweep line to confirm operation on new channels |



**Primary  
Transmission  
Line**

**Existing Transmission Line**

| Section   | Question   | Response     |
|---|--|--------------|
| <b>Existing Transmission<br/>Line Description</b>               | Type of change   | Purchase N   |
|   | Use  | Primary (Ma  |
|   | Description of Use   | N/A          |
|   | Ownership  | Owned        |
|   | Owner  | N/A          |
|   | Site   | N/A          |
|   | Is the existing transmission line shared with another station or stations? | No           |
|   | Is Transmission Line in operating condition?                               | Yes          |
| <b>Existing Transmission<br/>Line Manufacturer and<br/>Type</b> | Manufacturer   |              |
|   | Type   | 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   | 770 feet per |



**Primary  
Transmission  
Line**

**New Transmission Line**

| Section                                | Question                                  | Response   |
|--|---|--|
| <b>New Transmission Line<br/>Costs</b> | Use                                       | Primary (Ma  |
|  | Description of Use                        | N/A  |
|  | Change Type                               | Purchase N   |
|  | Is this a request for upgraded equipment? | No   |
|  | Type                                      | Rigid  |
|  | Diameter                                  | 4 1/16 inch  |
|  | Other Diameter                            | N/A  |
|  | Segment Length                            | 20 inches  |
|  | Other Segment Length                      | N/A  |
|  | Number of parallel runs                   | 1  |
|  | Length                                    | 775 feet per   |
|  | Justification for New Transmission Line   | A sweep wa<br>made of the<br>existing 6-1/<br>line, which f<br>Station is<br>replacing lin<br>with the sm<br>size that me<br>the power a<br>attenuation<br>requirement |

**Primary  
Transmission  
Line**

**Other Transmission Line Expenses Not Listed**

Information not provided.

|                                 |                                |   |  |
|---------------------------------|--------------------------------|---|--|
| Interim<br>Transmission<br>Line | New Transmission Line          |   |  |
|                                 | Section                        | Question                                | Response   |
|                                 | New Transmission Line<br>Costs | Use                                     | Interim  |
|                                 |                                | Description of Use                      | N/A  |
|                                 |                                | Change Type                             | Purchase N   |
|                                 |                                | Type                                    | Flexible Air   |
|                                 |                                | Diameter                                | 3 inches   |
|                                 |                                | Segment Length                          | N/A  |
|                                 |                                | Other Segment Length                    |  |
|                                 |                                | Number of parallel runs                 | 1  |
|                                 |                                | Length                                  | 550 feet per   |
|                                 |                                | Justification for New Transmission Line | An interim transmissior is necessary the interim antenna to k station on th during prime antenna replacement for the durat the assigner phase. |
|                                 |                                |   |  |

Interim  
Transmission  
Line

Other Transmission Line Expenses Not Listed

Information not provided.

**Tower  
Equipment  
And Rigging  
Costs**

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

**Primary  
Tower**

**Existing Tower**

| Section  | Question  | Response                          |
|--|---|-----------------------------------|
| Existing Tower Description                         | Type of change  | Modify Exist                      |
|  | Tower Use   | Primary (Ma                       |
|  | 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                                   | Yes                               |
|  | Is tower documented for structural analysis?            | No                                |
|  | Is tower compliant with Rev G?                          | No                                |
| Existing Tower Structure Registration              | Do you have a tower registration number?                | Yes                               |
|  | ASR Number  | 1030891                           |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83)  | 41° 06' 13.0                      |
|  | Longitude (NAD83)                                       | 085° 11' 28.                      |
|  | Overall Structure Height                                | 747.04 feet                       |
|  | Support Structure Height                                | 695.53 feet                       |
|  | Ground Elevation Above Mean Sea Level (AMSL)            | 813.64 feet                       |
|  | Structure Type  | TOWER - F Standing or Guyed Struc |
|  |   |                                   |

|  |                  |                                  |
|--|------------------|----------------------------------|
|  | Tower Owner      | FORT WAY<br>PUBLIC<br>TELEVISION |
|  | Date Constructed | 07/01/1988                       |

**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 |
|-------------|-----------|---------|
| 59132       | WAJI      | FM      |

**Other Types of Users**

| Users |
|-------|
| WINM  |
| ATF   |
| DEA   |
| NOAA  |
| INDDC |
| FBI   |

**Primary  
Tower**

**Tower Modification Costs**

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

Primary  
Tower

Tower Rigging Costs

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

Primary  
Tower

Other Tower Expenses Not Listed

| Name           | Description   |
|----------------|---|
| Weather Delays | Delay charges caused by the tower crew not to work due to inclement weather |

**Outside  
Professional  
Services  
Costs**

| Section   | Question   | Response  |
|---|--|---|
| <b>Outside Project Management Services</b>        | Do you require outside project management services?                          | Yes   |
|   | Number of Hours  | 183   |
|   | Explanation  | It will be necessary to schedule and coordinate multiple vendors to complete progress reports and update Schedule 35. Station does not have available personnel or personnel trained in project management for such complex projects. |
| <b>Outside RF consulting Engineering Services</b> | Perform engineering study for new channel assignment and antenna development | Yes   |
|   | Prepare engineering section of Form FCC Construction Permit Application      | Yes   |
|   | For Auxiliary Facility   | No  |
|   | For Main Facility  | Yes   |
|   | Prepare engineering section of Form FCC License to Cover Application         | Yes   |
|   | For Auxiliary Facility   | No  |
|   | For Main Facility  | Yes   |
|   | Prepare request for Special Temporary Authority                              | Yes   |
|   | Quantity   | 1   |
|   | Do you have Distributed Transmission System engineering services?            | N/A   |
|   | Critical Facility  | N/A   |

|   |  |     |
|---|--|-----|
|   | Terrain-Shielded Facility  | N/A |
| <b>Attorney and Other<br/>Outside Consulting<br/>Services</b> | Prepare and file Form FCC Construction Permit Application                                  | Yes |
|   | For Auxiliary Facility   | No  |
|   | For Main Facility  | Yes |
|   | Prepare and file Form FCC License to Cover Application                                     | Yes |
|   | For Auxiliary Facility   | No  |
|   | For Main Facility  | Yes |
|   | Prepare request for Special Temporary Authority  | Yes |
|   | Quantity   | 1   |
|   | NEPA Section 106 environmental review  | No  |
|   | Environmental Assessment   | No  |
|   | ASR Modification   | Yes |
|   | FAA Consultation (including preparation of FAA Form 7460)                                  | Yes |
|   | Negotiation of Lease and other Matter for Shared Locations                                 | No  |
|   | Prepare or Review FCC Form 399 for Reimbursement   | Yes |
|   | Address transition timing and coordination issues w/ other stations and wireless providers | Yes |
| <b>RF Field Engineering<br/>Services</b>                      | Comprehensive coverage verification via field study  | Yes |
|   | RF exposure measurements   | No  |
|   | Additional Field Engineering Service   | Yes |
|   | Number of Days   | 22  |
|   |  |     |

|  |               |   |
|--|---------------|---|
|  | Justification | It will be necessary to survey the site, plan the equipment, develop specification, purchasing, oversee multiple vendor RF projects. State does not have available personnel or personnel trained in such services. |
|--|---------------|---|

**Outside Professional Services Costs**

**Other Professional Services Expenses Not Listed**

| Name                       | Description   |
|----------------------------|---|
| Other Engineering Services | Engineering services related to the repack not already included in predetermined 399 categories |
| Other Legal Services       | Legal services related to the repack not already included in predetermined 399 categories       |



## Other Expenses

| Section                      | Question   | Response |
|------------------------------|--|----------|
| AM Pattern Disturbance       | Is an Impact Study needed?   | No       |
|                              | Is Remediation needed?   | No       |
| Facility Expenses            | Name   | N/A      |
|                              | Other Distributed Transmission System Expenses Not listed  | N/A      |
|                              | Name   | N/A      |
|                              | Is Notification of a Medical Facility required as a result of DTV broadcasting?                                      | Yes      |
| Permit and Filing Costs      | Local Zoning   | No       |
|                              | Non-zoning permits   | Yes      |
|                              | 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 Expenses | Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?        | Yes      |
|                              | Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs? | Yes      |
|                              | Does this relocation require Equipment Storage?  | Yes      |
|                              | Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?     | Yes      |
|                              | Does this relocation require MVPD Notification of a Channel Change?  | Yes      |

## Other Expenses

### Other Expenses Not Listed

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

|                 |  |
|-----------------|--|
| <b>Bank Fee</b> | Increase and Renew Bank Line of Credit, plus estimate for Interest for a one year period |
|-----------------|--|

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<br>Cost<br>Justification | Actual Cost  | Actual<br>Justifi |
|--|--------------------------------|-------------------|------------------------------------|--------------|-------------------|
| Primary<br>Transmitter TBD                                       | \$728,450.00                   | \$700,500.00      |                                    | \$338,750.04 |                   |
| Additional Interior<br>RF System                                 | <i>\$140,000.00</i>            | \$140,000.00      | N/A                                | N/A          | N.                |
| 3" Rigid Conduit<br>and Wiring (Cost<br>per foot)                | \$5,200.00                     | \$4,900.00        | N/A                                | \$1,460.00   | N.                |
| UHF - Liquid<br>Cooled Solid State<br>Transmitter 8.2 - 13<br>kW | \$494,500.00                   | \$470,000.00      | N/A                                | \$315,449.20 | N.                |
| Transformer 3<br>phase/480v - 150<br>KVA                         | \$25,550.00                    | \$24,300.00       | N/A                                | N/A          | N.                |
| Switchgear -<br>industrial 800 amp                               | \$38,200.00                    | \$36,300.00       | N/A                                | \$21,840.84  | N.                |
| Standby Exciter<br>and Switch                                    | <i>\$25,000.00</i>             | \$25,000.00       | N/A                                | N/A          | N.                |
| Sub-total  | \$728,450.00                   | \$700,500.00      | N/A                                | \$338,750.04 | N.                |
| Total for all<br>systems   | \$2,305,354.00                 | \$2,019,950.10    | N/A                                | \$842,222.55 | N.                |

Components

| Actual Information Description | File Name                 |
|--------------------------------|---------------------------|
| Additional Interior RF System  | Information not provided. |

|   |  |
|---|--|
| 3" Rigid Conduit and Wiring (Cost per foot)             | <div> <b>Component Description:</b> <p>Extend existing concrete pad to accommodate transmitter heat exchanger. Revised to clarify WFWA is also known as PBS39</p> </div> <div> <b>Amount:</b> <p>\$1,460.00</p> </div>   |
| UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW | <div> <b>Component Description:</b> <p>GatesAir inv #TE10004590-2 Primary TX pmt 2 UL20181128jgv1</p> </div> <div> <b>Amount:</b> <p>\$103,386.73</p> </div> <div> <b>Component Description:</b> <p>One third down payment for transmitter WFWA</p> </div> <div> <b>Amount:</b> <p>\$103,386.73</p> </div> <div> <b>Component Description:</b> <p>GatesAir inv #US0318728 Primary pmt 3 UL20181127jgv</p> </div> <div> <b>Amount:</b> <p>\$108,675.74</p> </div> |
| Transformer 3 phase/480v - 150 KVA                      | Information not provided.  |
| Switchgear - industrial 800 amp                         | <div> <b>Component Description:</b> <p>Hoagland inv #001836 Electrical UL20181128jgv1</p> </div> <div> <b>Amount:</b> <p>\$21,840.84</p> </div>  |
| Standby Exciter and Switch                              | Information not provided.  |

## Cost Information

### Antennas

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

| Description  | Predetermined Cost Estimate | Estimated Cost     | Estimated Cost Justification  | Actual Cost        | Actual Justification |
|--|-----------------------------|--------------------|---|--------------------|----------------------|
| <b>Interim Antenna TBD</b>   | <b>\$226,240.00</b>         | <b>\$72,650.50</b> |   | <b>\$27,550.50</b> |                      |
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | \$5,260.00                  | \$5,000.00         | N/A   | N/A                | N/A                  |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)                       | \$12,300.00                 | \$11,700.00        | N/A   | N/A                | N/A                  |
| UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized   | \$89,400.00                 | \$13,437.50        | ***System Notice: Estimate adjusted and locked because line has been superseded.<br>*** | \$13,437.50        | N/A                  |
| Side mount brackets for high power antennas (if not included in antenna base cost)                     | \$23,150.00                 | \$22,000.00        | N/A   | N/A                | N/A                  |
| Sweep test of existing antenna   | \$6,730.00                  | \$6,400.00         | N/A   | \$0.00             | N/A                  |

|  |                       |                       |   |                     |           |
|--|-----------------------|-----------------------|---|---------------------|-----------|
| UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized | \$89,400.00           | \$14,113.00           | ***System Notice: Estimate adjusted and locked because line has been superseded.<br>*** | \$14,113.00         | N.        |
| <b>Primary Antenna TBD</b>   | <b>\$266,030.00</b>   | <b>\$253,100.00</b>   |   | <b>\$100,000.00</b> |           |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)                     | \$12,300.00           | \$11,700.00           | N/A   | N/A                 | N.        |
| UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized                | \$247,000.00          | \$235,000.00          | N/A   | \$96,875.00         | N.        |
| Sweep test of existing antenna   | \$6,730.00            | \$6,400.00            | N/A   | \$3,125.00          | N.        |
| <b>Sub-total</b>   | <b>\$492,270.00</b>   | <b>\$325,750.50</b>   | <b>N/A</b>  | <b>\$127,550.50</b> | <b>N.</b> |
| <b>Total for all systems</b>   | <b>\$2,305,354.00</b> | <b>\$2,019,950.10</b> | <b>N/A</b>  | <b>\$842,222.55</b> | <b>N.</b> |

## Components

| Actual Information Description   | File Name                 |
|--|---------------------------|
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | Information not provided. |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)                       | Information not provided. |

|  |   |  |
|--|---|--|
| UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized | <b>Component Description:</b><br><br><b>Amount:</b> | Down Payment for Interim Antenna WF<br>\$13,437.50   |
| Side mount brackets for high power antennas (if not included in antenna base cost)                   | Information not provided.                           |  |
| Sweep test of existing antenna   | Information not provided.                           |  |
| UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized | <b>Component Description:</b><br><br><b>Amount:</b> | Balance of purchase price to vendor for Interim Antenna, plu added shipping, WF<br>\$14,113.00 |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)                     | Information not provided.                           |  |
| UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized                | <b>Component Description:</b><br><br><b>Amount:</b> | Down payment for Primary Antenna WFWA<br>\$96,875.00   |
|  | <b>Component Description:</b><br><br><b>Amount:</b> | Dummy to Delete Component<br>N/A   |
| Sweep test of existing antenna   | <b>Component Description:</b><br><br><b>Amount:</b> | Sweep tests, which actually for the new primary antenna. WFWA<br>\$3,125.00                    |

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<br>Justifi |
|---|--------------------------------|-----------------------|---|---------------------|-------------------|
| <b>Interim<br/>Transmission Line</b>                  | <b>\$32,450.00</b>             | <b>\$30,800.00</b>    |   | <b>\$22,704.00</b>  |                   |
| Flexible Air<br>Transmission Line -<br>dielectric, 3" | \$32,450.00                    | \$30,800.00           | N/A   | \$22,704.00         | N.                |
| <b>Primary<br/>Transmission Line</b>                  | <b>\$6,250.00</b>              | <b>\$6,250.00</b>     |   | <b>\$6,250.00</b>   |                   |
| Primary Line Sweep                                    | <i>\$6,250.00</i>              | \$6,250.00            | ***System<br>Notice:<br>Estimate<br>adjusted<br>and locked<br>because<br>line has<br>been<br>superseded.<br>***Sweep<br>needed to<br>confirm<br>acceptability<br>of existing<br>line on<br>assigned<br>channel. | \$6,250.00          | N.                |
| <b>Primary<br/>Transmission Line</b>                  | <b>\$110,050.00</b>            | <b>\$71,763.10</b>    |   | <b>\$35,881.55</b>  |                   |
| Rigid Transmission<br>Line - copper, 4 1<br>/16"      | \$110,050.00                   | \$71,763.10           | N/A   | \$35,881.55         | N.                |
| <b>Sub-total</b>                                      | <b>\$148,750.00</b>            | <b>\$108,813.10</b>   | N/A   | <b>\$64,835.55</b>  | N.                |
| <b>Total for all<br/>systems</b>                      | <b>\$2,305,354.00</b>          | <b>\$2,019,950.10</b> | N/A   | <b>\$842,222.55</b> | N.                |

Components



| Actual Information Description                  | File Name  |
|---|--|
| Flexible Air Transmission Line - dielectric, 3" | <div><div>Component Description:</div><div>Interim Transmission Line</div><div>Amount:</div><div>\$22,704.00</div></div>                                       |
| Primary Line Sweep                              | <div><div>Component Description:</div><div>Sweep of existing primary line on post transition channel 18</div><div>Amount:</div><div>\$6,250.00</div></div>     |
| Rigid Transmission Line - copper, 4 1/16"       | <div><div>Component Description:</div><div>50% down payment on the new primary line equipment and material</div><div>Amount:</div><div>\$35,881.55</div></div> |

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<br>Justifi |
|---|--------------------------------|-------------------|------------------------------------|--------------|-------------------|
| Primary Tower<br>TOWER  | \$660,300.00                   | \$627,500.00      |                                    | \$232,236.15 |                   |
| Tall Tower (greater<br>than 500')   | \$210,500.00                   | \$200,000.00      | N/A                                | \$99,525.15  | N.                |
| Weather Delays  | <i>\$2,500.00</i>              | \$2,500.00        | N/A                                | \$2,500.00   | N.                |
| Major tower<br>reinforcement<br>/modifications  | \$421,000.00                   | \$400,000.00      | N/A                                | \$119,461.00 | N.                |
| Tower mapping for<br>an undocumented<br>/poorly documented<br>tower and<br>preparation of<br>documentation<br>necessary for tower<br>load study | \$26,300.00                    | \$25,000.00       | N/A                                | \$10,750.00  | N.                |
| Sub-total   | \$660,300.00                   | \$627,500.00      | N/A                                | \$232,236.15 | N.                |
| Total for all<br>systems  | \$2,305,354.00                 | \$2,019,950.10    | N/A                                | \$842,222.55 | N.                |

Components

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

|  |                               |  |
|--|-------------------------------|--|
| Tall Tower (greater than 500')           | <b>Component Description:</b> | 50% down payment for the installation of new primary transmission line |
|  | <b>Amount:</b>                | \$41,502.50  |
|  | <b>Component Description:</b> | Down payment for Primary Antenna Installation WFWA                     |
|  | <b>Amount:</b>                | \$58,022.65  |
| Weather Delays                           | <b>Component Description:</b> | Charges for tower crane due to delays caused by inclement weather      |
|  | <b>Amount:</b>                | \$2,500.00   |
| Major tower reinforcement /modifications | <b>Component Description:</b> | Down Payment for Tower Modification services                           |
|  | <b>Amount:</b>                | \$108,836.00   |
|  | <b>Component Description:</b> | Tower Reinforcing Analysis and Design WFWA                             |
|  | <b>Amount:</b>                | \$4,500.00   |
|  | <b>Component Description:</b> | Geotechnical survey and report for tower foundation analysis WFWA      |
|  | <b>Amount:</b>                | \$6,125.00   |

|   |                               |   |
|---|-------------------------------|---|
| Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study |                               |   |
|   | <b>Component Description:</b> | Balance due for Tower Structural Analysis. See WFWA Structural Analysis - Quote, attached.                  |
|   | <b>Amount:</b>                | \$2,000.00  |
|   |                               |   |
|   | <b>Component Description:</b> | 50 percent down payment for Structural Analysis and Report. See WFWA Structural Analysis - Quote, attached. |
|   | <b>Amount:</b>                | \$2,000.00  |
|   |                               |   |
|   | <b>Component Description:</b> | Tower Mapping and Assessment  |
|   | <b>Amount:</b>                | \$6,750.00  |

Cost  
Information

Outside Professional Services

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

| Description  | Predetermined<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification | Actual Cost | Actual Cost |
|--|--------------------------------|-------------------|------------------------------------|-------------|-------------|
| Outside Professional Services  | \$202,034.00                   | \$184,386.50      |                                    | \$70,330.82 |             |
| FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase | \$2,105.00                     | \$2,000.00        | N/A                                | \$675.00    |             |
| ASR modification (prepare FCC Form 854)  | \$2,105.00                     | \$2,000.00        | N/A                                | \$425.00    |             |
| Attorney Fees - Prepare and File request for Special Temporary Authorization   | \$3,680.00                     | \$3,500.00        | 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                                | \$0.00      |             |

|   |             |             |   |            |  |
|---|-------------|-------------|---|------------|--|
| 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   | \$0.00     |  |
| Prepare<br>request for<br>Special<br>Temporary<br>Authorization   | \$2,050.00  | \$1,686.50  | A legal<br>services<br>invoice for<br>STA was<br>inadvertently<br>included in<br>this<br>category,<br>which<br>caused the<br>amount to<br>be<br>exceeded. | \$1,686.50 | Invoice 28<br>inadvertently<br>exceeded. |
| 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        |  |
| 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   | \$2,095.00 | WFWA_KG<br>for                           |
| Project<br>management of<br>the transition  | \$28,914.00 | \$17,450.00 | N/A   | \$7,751.00 |  |
| Prepare and or<br>review<br>reimbursement<br>form   | \$2,630.00  | \$2,500.00  | N/A   | \$2,500.00 |  |

|  |                    |                |     |              |               |
|--|--------------------|----------------|-----|--------------|---------------|
| Address transition timing and coordination issues w/ other stations and wireless | \$2,630.00         | \$2,500.00     | N/A | \$151.50     |               |
| Perform engineering study for new channel assignment and antenna development     | \$7,360.00         | \$7,000.00     | N/A | \$3,500.00   | WFWA_KG<br>fc |
| Comprehensive coverage verification via field study, if needed                   | \$84,200.00        | \$80,000.00    | N/A | \$33,486.84  |               |
| Other Legal Services   | <b>\$10,000.00</b> | \$10,000.00    | N/A | \$2,937.50   |               |
| Other Engineering Services   | <b>\$20,000.00</b> | \$20,000.00    | N/A | \$8,187.50   |               |
| Additional Field Engineering Service, 22 Days                                    | <b>\$24,000.00</b> | \$24,000.00    | N/A | \$6,934.98   |               |
| <b>Sub-total</b>   | \$202,034.00       | \$184,386.50   | N/A | \$70,330.82  |               |
| <b>Total for all systems</b>   | \$2,305,354.00     | \$2,019,950.10 | N/A | \$842,222.55 |               |

## Components

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

|  |                               |  |   |
|--|-------------------------------|--|---|
| FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase | <b>Component Description:</b> |  | KGA inv #949-11 FAA 7460-1 filing               |
|  | <b>Amount:</b>                |  | UL20181128jgv1                                  |
|  | <b>Component Description:</b> |  | \$550.00  |
|  | <b>Amount:</b>                |  | Services related to the preparation of FAA 74 2 |
| ASR modification (prepare FCC Form 854)  | <b>Component Description:</b> |  | \$125.00  |
|  | <b>Amount:</b>                |  |   |
| ASR modification (prepare FCC Form 854)  | <b>Component Description:</b> |  | Preparation and filing ASR                      |
|  | <b>Amount:</b>                |  | \$425.00  |
| Attorney Fees - Prepare and File request for Special Temporary Authorization   | Information not provided.     |  |   |
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application   | Information not provided.     |  |   |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application                                     | <b>Component Description:</b> |  | Form 2100                                       |
|  | <b>Amount:</b>                |  | \$145.50  |
| Prepare request for Special Temporary Authorization  | <b>Component Description:</b> |  | Planning for STA                                |
|  | <b>Amount:</b>                |  | \$151.50  |
|  | <b>Component Description:</b> |  | Engineering for STA for WFWA                    |
|  | <b>Amount:</b>                |  | \$1,535.00                                      |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application  | Information not provided.     |  |   |



|  |   |   |
|--|---|---|
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | <b>Component Description:</b><br><b>Amount:</b>     | Form 2100<br>\$95.00  |
|  | <b>Component Description:</b><br><br><b>Amount:</b> | Engineering section of Form FCC Constructic Permit Application Ma Facility WFWA<br>\$2,000.00 |
| Project management of the transition   | <b>Component Description:</b><br><b>Amount:</b>     | Review FCC Public Notice<br>\$56.00   |
|  | <b>Component Description:</b><br><b>Amount:</b>     | Legal Billing - Progres<br>\$1,568.00   |
|  | <b>Component Description:</b><br><br><b>Amount:</b> | Legal consultation related to Quarterly Reports for WFWA<br>\$50.50                           |
|  | <b>Component Description:</b><br><b>Amount:</b>     | Legal advice related to Quarterly progress rep<br>\$50.50                                     |
|  | <b>Component Description:</b><br><br><b>Amount:</b> | Prepare and file form 387 progress report WFWA<br>\$225.00                                    |
|  | <b>Component Description:</b><br><br><b>Amount:</b> | Outside Project Management Services Form 399 Actual Cost information for WFWA<br>\$300.00     |

|                               |   |
|-------------------------------|---|
| <b>Component Description:</b> | Legal services related reimbursements                               |
| <b>Amount:</b>                | \$353.50  |
| <b>Component Description:</b> | Legal presentation relating to the FCC reimbursement process        |
| <b>Amount:</b>                | \$404.00  |
| <b>Component Description:</b> | Review Correspondence re filing date.                               |
| <b>Amount:</b>                | \$39.00   |
| <b>Component Description:</b> | Outside Project Management Services Form 387 Progress Report 4Q2017 |
| <b>Amount:</b>                | \$225.00  |
| <b>Component Description:</b> | Review FCC Decision   |
| <b>Amount:</b>                | \$56.00   |
| <b>Component Description:</b> | Email regarding TV incentive auction                                |
| <b>Amount:</b>                | \$50.50   |
| <b>Component Description:</b> | Review FCC Public Notice  |
| <b>Amount:</b>                | \$56.00   |
| <b>Component Description:</b> | Legal services - announcing the FCC's visit audits                  |
| <b>Amount:</b>                | \$56.00   |
| <b>Component Description:</b> | FCC construction permit   |
| <b>Amount:</b>                | \$468.00  |

|                               |  |
|-------------------------------|--|
| <b>Component Description:</b> | Review FCC channel assignment and Form 1876                                |
| <b>Amount:</b>                | \$101.00   |
| <b>Component Description:</b> | Email regarding WFW channel reassignment                                   |
| <b>Amount:</b>                | \$202.00   |
| <b>Component Description:</b> | Legal services - Review Public Notice on reimbursement                     |
| <b>Amount:</b>                | \$112.00   |
| <b>Component Description:</b> | Legal - Re Filing Form 399   |
| <b>Amount:</b>                | \$1,967.50   |
| <b>Component Description:</b> | Email regarding FCC webinar  |
| <b>Amount:</b>                | \$50.50  |
| <b>Component Description:</b> | Review FCC Procedures  |
| <b>Amount:</b>                | \$56.00  |
| <b>Component Description:</b> | Review and email re FCC Public Notice                                      |
| <b>Amount:</b>                | \$56.00  |
| <b>Component Description:</b> | Project management & preparation and submission of Form 38 for 4Q2017 WFWA |
| <b>Amount:</b>                | \$1,005.00   |

|  |   |  |
|--|---|--|
|  | <b>Component Description:</b><br><br><b>Amount:</b> | Email regarding FCC Auction Closing<br>\$50.50   |
|  | <b>Component Description:</b><br><br><b>Amount:</b> | KGA inv #949-25 Form 387 2018 Q2<br>UL20181116jgv1<br>\$150.00                                   |
|  | <b>Component Description:</b><br><br><b>Amount:</b> | Outside Project Management Services Form 387 Progress Report<br>\$300.00                         |
| Prepare and or review reimbursement form   | <b>Component Description:</b><br><br><b>Amount:</b> | Outside Professional Services and Prepare and Review FCC Form 399 for reimbursemen<br>\$2,500.00 |
| Address transition timing and coordination issues w/ other stations and wireless | <b>Component Description:</b><br><br><b>Amount:</b> | Timing issues related early transition under Mobile agreement<br>\$151.50                        |
| Perform engineering study for new channel assignment and antenna development     | <b>Component Description:</b><br><br><b>Amount:</b> | Engineering study for new channel assignment and antenna development WFWA<br>\$3,500.00          |

|  |                               |   |
|--|-------------------------------|---|
| Comprehensive coverage verification via field study, if needed | <b>Component Description:</b> | RF Field Engineering Services   |
|  | <b>Amount:</b>                | \$30,486.84   |
|  | <b>Component Description:</b> | Field Services for WFA  |
|  | <b>Amount:</b>                | \$3,000.00  |
| Other Legal Services   | <b>Component Description:</b> | Other legal services related to the repack c WFWA                                 |
|  | <b>Amount:</b>                | \$599.00  |
|  | <b>Component Description:</b> | Other legal services related to the repack c WFWA                                 |
|  | <b>Amount:</b>                | \$2,338.50  |
| Other Engineering Services                                     | <b>Component Description:</b> | Engineering services related to preparation 399 actual cost invoice and RF design |
|  | <b>Amount:</b>                | \$8,187.50  |

|   |                               |   |
|---|-------------------------------|---|
| Additional Field Engineering Service, 22 Days |                               |   |
|   | <b>Component Description:</b> | On Site Equipment Inventory and Facilities survey WFWA          |
|   | <b>Amount:</b>                | \$3,934.98  |
|   |                               |   |
|   | <b>Component Description:</b> | TPO calculations, layout of transmitter and RF system for WFWA  |
|   | <b>Amount:</b>                | \$2,400.00  |
|   |                               |   |
|   | <b>Component Description:</b> | On Site Equipment Inventory and Facility Survey                 |
|   | <b>Amount:</b>                | \$3,934.98  |
|   |                               |   |
|   | <b>Component Description:</b> | RF Field Engineering Services, Design of transmitter facilities |
|   | <b>Amount:</b>                | \$600.00  |

## Cost Information

### Other Expenses

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

| Description  | Predetermined Cost Estimate | Estimated Cost     | Estimated Cost Justification   | Actual Cost       | Actual Justification |
|--|-----------------------------|--------------------|--|-------------------|----------------------|
| <b>Other Expenses</b>  | <b>\$73,550.00</b>          | <b>\$73,000.00</b> |  | <b>\$8,519.49</b> |                      |
| MVPD Notification of Channel Change                                      | <i>\$2,000.00</i>           | \$2,000.00         | Research and notify MVPDs of the channel change carrying station programming               | \$125.00          | N                    |
| Develop and air announcement of upcoming channel change                  | <i>\$0.00</i>               | \$0.00             | N/A  | N/A               | N                    |
| Equipment Delivery and Handling Charges                                  | <i>\$25,000.00</i>          | \$25,000.00        | Shipping from factory to site for transmitter, primary antenna and interim antenna system. | \$1,212.90        | N                    |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <i>\$15,000.00</i>          | \$15,000.00        | N/A  | N/A               | N                    |
| Non-zoning permits   | <i>\$5,000.00</i>           | \$5,000.00         | Local building permits for electrical work and tower modification work.                    | N/A               | N                    |
| Equipment Storage  | <i>\$10,000.00</i>          | \$10,000.00        | N/A  | \$434.09          | N                    |
| DTV Medical Facility Notification  | \$11,550.00                 | \$11,000.00        | N/A  | \$5,247.50        | N                    |

|                              |                |                |   |              |   |
|------------------------------|----------------|----------------|---|--------------|---|
| Bank Fee                     | \$5,000.00     | \$5,000.00     | Item does not have a predetermined cost | \$1,500.00   | N |
| <b>Sub-total</b>             | \$73,550.00    | \$73,000.00    | N/A                                     | \$8,519.49   | N |
| <b>Total for all systems</b> | \$2,305,354.00 | \$2,019,950.10 | N/A                                     | \$842,222.55 | N |

## Components

| Actual Information Description   | File Name   |
|--|---|
| MVPD Notification of Channel Change                                      | <p><b>Component Description:</b> Review of MVPD notifications</p> <p><b>Amount:</b> \$125.00</p>  |
| Develop and air announcement of upcoming channel change                  | Information not provided.   |
| Equipment Delivery and Handling Charges                                  | <p><b>Component Description:</b> Offloading and delivery of antenna for WFW/</p> <p><b>Amount:</b> \$120.00</p> <p><b>Component Description:</b> Freight charges for shipping the Interim transmission line.</p> <p><b>Amount:</b> \$531.59</p> <p><b>Component Description:</b> Freight for Interim Transmission Line</p> <p><b>Amount:</b> \$561.31</p> |
| Disposal Costs (for equipment and other waste, net of any salvage value) | Information not provided.   |
| Non-zoning permits   | Information not provided.   |



|                                   |  |
|-----------------------------------|--|
| Equipment Storage                 | <div><div>Component Description:</div><div>Storage of antenna a tower parts during rigging and tower modification work for WFWA</div></div> <div><div>Amount:</div><div>\$434.09</div></div> |
| DTV Medical Facility Notification | <div><div>Component Description:</div><div>Medical Facility</div></div>  |
|                                   | <div><div>Amount:</div><div>\$3,310.00</div></div> <div><div>Component Description:</div><div>Notifications for WFV</div></div>  |
|                                   | <div><div>Component Description:</div><div>Preparation and distribution of Medical notifications and certification. Corrected Inv number.</div></div>  |
|                                   | <div><div>Amount:</div><div>\$1,812.50</div></div> <div><div>Component Description:</div><div>Review of Medical notifications</div></div>  |
|                                   | <div><div>Amount:</div><div>\$125.00</div></div>   |
|                                   |  |
| Bank Fee                          | <div><div>Component Description:</div><div>The is the amount of debit memo to pay the bank fee for WFWA</div></div> <div><div>Amount:</div><div>\$1,500.00</div></div>                       |

| Cost Information      | Grand Total |                             |                |              |
|-----------------------|-------------|-----------------------------|----------------|--------------|
|                       |             | Predetermined Cost Estimate | Estimated Cost | Actual Cost  |
|                       |             |                             |                |              |
| Total for all systems |             | \$2,305,354.00              | \$2,019,950.10 | \$842,222.55 |

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

**Certification**

| Section  | Question   | Response |
|--|--|----------|
| <b>Submission of Estimated Expenses Statements</b> | 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.  |          |
|  | <ol style="list-style-type: none"><li>1. The Authorized Person signing below certifies that he/she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.</li><li>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li><li>3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.</li><li>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).</li></ol> |          |

5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

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

**Jeffrey C Gehman**  
*Engineering Associate*

11/28/2018

**Certification**

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

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.

|  |  |
|--|--|
| <p>9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.</p> |  |
| <p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>  | <p><b>Jeffrey C Gehman</b><br/> <i>Engineering Associate</i></p> <p>11/28/2018</p> |

## Attachments