



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **28476** | Service: **DTV** | Call **WDRB** | Channel: **32 (UHF)** |  
ID: | Sign:  
File **0000028687**  
Number:  
FRN: **0003189248** | Date **05/28**  
Submitted: **/2019**

## Applicant Information

### Applicant Name, Type, and Contact Information

| Applicant                              | Address  | Phone             | Email                              | Applicant Type |
|--|--|-------------------|------------------------------------|----------------|
| <b>INDEPENDENCE TELEVISION COMPANY</b> | Keith Wilkowski<br>624 W. MUHAMMAD ALI BLVD<br>LOUISVILLE, KY 40203<br>United States | +1 (419) 277-6006 | kwilkowski@blockcommunications.com | Corporation    |

## 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>Gary Schroder</b><br><i>Chief Engineer</i><br><i>WDRB-Independence Television</i> | Steve Ballard<br>624 W. Muhammad Ali<br>Louisville, KY 40203<br>United States | +1 (502) 584-6441 | sballard@wdrb.com |

**Broadcaster  
Information  
and  
Transition  
Plan**

| Question   | Response  |
|--|---|
| Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information. | Yes   |
| Briefly describe transition plan   | The FCC allocated us two frequencies that aren't adjacent to each other (16 & 32). This combination will require 4 antennas and 4 feedlines. The existing tower will not support that much weight. We request to construct a new tower with a "T" top design. |

**Transmitters**

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

**Auxiliary  
Transmitter****Existing Transmitter Information**

| Section   | Question   | Response                       |
|---|--|--------------------------------|
| <b>Existing Transmitter<br/>Description</b>           | Type of change   | Purchase<br>New                |
|   | Use  | Auxiliary<br>(Backup)          |
|   | Description of Use   | Aux<br>/Standby<br>transmitter |
|   | Ownership  | Owned                          |
|   | Owner  | N/A                            |
|   | Site   | N/A                            |
|   | Is this transmitter currently shared with another station? | No                             |
|   | Is this transmitter currently in operating condition?      | No                             |
| <b>Existing Transmitter<br/>Manufacturer and Type</b> | Manufacturer   |                                |
|   | Model  | CZ1000                         |
|   | Year   | 2002                           |
|   | Type   | Solid State                    |
|   | Solid State Cooling  | Air Cooled                     |
|   | Solid State Power Capacity                                 | 1 kW                           |

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

| Section                | Question                                  | Response  |
|------------------------|---|---|
| <b>New Transmitter</b> | Use                                       | Auxiliary (Backup)  |
|                        | Change Type                               | Purchase New  |
|                        | Is this a request for upgraded equipment? | No  |
|                        | Manufacturer                              |   |
|                        | Model                                     | N/A   |
|                        | Transmitter Type                          | Solid State   |
|                        | Solid State Cooling                       | Air Cooled  |
|                        | Solid State Power capacity                | 0.01 kW   |
|                        | Justification for New Transmitter         | N/A. Station is not seeking reimbursement for AUX Transmitter or equipment. |

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

| Section                   | Question                              | Response   |
|---------------------------|---------------------------------------|------------|
| <b>Electrical Service</b> | Service Entrance (3 phases 800A 208V) | No         |
|                           | Switchgear (industrial 800 amp)       | No         |
|                           | Transformer (480V)                    | Yes        |
|                           | Power                                 | 150 kVA    |
|                           | Rigid Conduit and Wiring              | Yes        |
|                           | Size                                  | 2 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 |

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

**Primary  
Transmitter**

**Existing Transmitter Information**

| Section   | Question   | Response                 |
|---|--|--------------------------|
| <b>Existing Transmitter<br/>Description</b>           | 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                      |
| <b>Existing Transmitter<br/>Manufacturer and Type</b> | Manufacturer   |                          |
|   | Model  | DCX<br>Millineum         |
|   | Year   | 2005                     |
|   | Type   | Inductive<br>Output Tube |
|   | IOT Power Type   | Two                      |
|   | Power Capacity   | 50 kW                    |

**Primary  
Transmitter**

**New Transmitter Costs**

| Section         | Question                                  | Response  |
|-----------------|---|---|
| New Transmitter | Use                                       | Primary (Main)  |
|                 | Change Type                               | Purchase New  |
|                 | Is this a request for upgraded equipment? | Yes   |
|                 | Manufacturer                              |   |
|                 | Model                                     | ULXTE-72  |
|                 | Transmitter Type                          | Solid State   |
|                 | Solid State Cooling                       | Liquid Cooled   |
|                 | Solid State Power capacity                | 58 kW   |
|                 | Justification for New Transmitter         | Comark, Our present transmitter manufacturer will not support the retuning of our existing IOT transmitters. Our intention is to replace them. We will pay extra for a model with power ratings for ATSC 3.0. |

**Primary  
Transmitter**

**Other Transmitter Costs**

| Section            | Question                              | Response |
|--------------------|---------------------------------------|----------|
| Electrical Service | Service Entrance (3 phases 800A 208V) | No       |
|                    | Switchgear (industrial 800 amp)       | No       |
|                    | Transformer (480V)                    | Yes      |

|  |   |  |
|--|---|--|
|  | Power   | 300 kVA  |
|  | Rigid Conduit and Wiring  | Yes  |
|  | Size  | 3 inches   |
|  | Length  | 100.0 feet   |
|  | Other Electrical Service  | Yes  |
|  | Description   | Two transmitters, main and Aux will need to be wired simultaneously. |
| <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>Installation and proof</b> | Installation of transmitter and proof of performance |
| <b>RF Accessories</b>         | RF dummy load, 4 port switch, switch controller      |
| <b>Mask Filter</b>            | ATSC Mask filter Kit                                 |



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**Demolition**

To prepare for the installation of the new transmitters, we will be required to remove 3 beam transformers, filled with mineral oil.

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**Antennas**

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

## Auxiliary Antenna

### Existing Antenna Information

| Section                                | Question   | Response             |
|--|--|----------------------|
| Existing Antenna Description           | Type of change   | Purchase New         |
|  | Antenna Use  | Auxiliary (Backup)   |
|  | Description of Use   | Aux /Standby antenna |
|  | Ownership  | Owned                |
|  | Owner  | N/A                  |
|  | Site   | N/A                  |
|  | Is the existing antenna shared with another station or stations? | Yes                  |
|  | Is the existing antenna directional?                             | No                   |
|  | Is antenna in operating condition?                               | Yes                  |
|  | Is antenna located on or in close proximity to an antenna farm?  | No                   |
| Existing Antenna Manufacturer and Type | Class  | Full Power           |
|  | Mounting   | Side Mount           |
|  | Antenna position in stack  | 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>..... | 1000.0 kW               |
|  | Manufacturer                             |                         |
|  | Model                                    | TFU-<br>32DSB-<br>R04TC |
|  | Year                                     | 2005                    |

**Facility ID's and Call Signs of  
all stations with whom the  
antenna is shared.**

| Facility ID | Call Sign |
|-------------|-----------|
| 28476       | WDRB      |
| 34167       | WBKI      |

## Auxiliary Antenna

### New Antenna Costs

| Section                            | Question   | Response           |
|------------------------------------|--|--------------------|
| New Antenna Description            | Use  | Auxiliary (Backup) |
|                                    | Description of Use   | Aux/Standby        |
|                                    | Change Type  | Purchase New       |
|                                    | 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 Manufacturer and Types | Class  | Full Power         |
|                                    | Mounting   | Side Mount         |
|                                    | Antenna position in stack  | Not in Stack       |
|                                    | Polarization   | Horizontal         |
|                                    | Type   | Slotted 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)<br>.....                             | 724.0 kW           |
|                                    | Manufacturer   |                    |
|                                    |  |                    |

|                               |   |
|-------------------------------|---|
| Model                         | ATW16H3-HSCX-32H  |
| Year                          | 2018  |
| Justification for New Antenna | Side Mounted Horizontally-only Polarized UHF Trasar Television Transmitting Antenna. Rated for 50kw average input power |

## Auxiliary 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? | 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 |

## Auxiliary Antenna

### Other Antenna Cost Not Listed

Information not provided.

## Primary Antenna

### Existing Antenna Information

| 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 the existing antenna shared with another station or stations? | Yes                |
|   | Is the existing antenna directional?                             | No                 |
|   | Is antenna in operating condition?                               | Yes                |
|   | Is antenna located on or in close proximity to an antenna farm?  | No                 |
| Existing Antenna<br>Manufacturer and Type | Class  | Full Power         |
|   | Mounting   | Top Mount          |
|   | Antenna position in stack  | Not in Stack       |
|   | Polarization   | Horizontal         |
|   | Type   | 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)<br>.....                         | 1000.0 kW          |
|   |  |                    |



|  |              |                 |
|--|--------------|-----------------|
|  | Manufacturer |                 |
|  | Model        | TFU-32-GTH-R-06 |
|  | Year         | 2009            |

**Facility ID's and Call Signs of  
all stations with whom the  
antenna is shared.**

| Facility ID | Call Sign |
|-------------|-----------|
| 34167       | WBKI      |

Primary  
Antenna

New Antenna Costs

| Section                            | Question   | Response        |
|------------------------------------|--|-----------------|
| New Antenna Description            | Use  | Primary (Main)  |
|                                    | Description of Use   | N/A             |
|                                    | Change Type  | Purchase New    |
|                                    | Is this a request for upgraded equipment?                            | Yes             |
|                                    | Ownership  | Owned           |
|                                    | Owner  | N/A             |
|                                    | Is antenna shared?   | No              |
|                                    | Is antenna directional?  | No              |
|                                    | Will antenna be located on or in close proximity to an antenna farm? | No              |
| New Antenna Manufacturer and Types | Class  | Full Power      |
|                                    | Mounting   | Top Mount       |
|                                    | Antenna position in stack  | Not in Stack    |
|                                    | Polarization   | Elliptical      |
|                                    | Type   | Slotted 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)<br>.....                             | 1000.0 kW       |
|                                    | Manufacturer   |                 |
|                                    |  |                 |

|                               |  |
|-------------------------------|--|
| Model                         | ATW25H3-ET0-32H  |
| Year                          | 2018   |
| Justification for New Antenna | Require new antenna due to new frequency allocation. Costs listed reflect a \$15,500.00 up charge for ATSC 3.0 compliant ( Elliptical ) antenna. |

## 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  | 7 3/16 inches 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? | Yes |
| <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.

**Transmission Line**

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

**Auxiliary**  
**Transmission Line**

**Existing Transmission Line**

| Section   | Question   | Response           |
|---|--|--------------------|
| <b>Existing Transmission Line Description</b>           | Type of change   | Purchase New       |
|   | Use  | Auxiliary (Backup) |
|   | Description of Use   | Aux/standby        |
|   | Ownership  | Owned              |
|   | Owner  | N/A                |
|   | Site   | N/A                |
|   | Is the existing transmission line shared with another station or stations? | Yes                |
|   | Is Transmission Line in operating condition?                               | Yes                |
| <b>Existing Transmission Line Manufacturer and Type</b> | Manufacturer   |                    |
|   | Type   | Rigid              |
|   | Diameter   | 7 3/16 inches      |
|   | Other Diameter   | N/A                |
|   | Segment Length   | 19 1/2 inches      |
|   | Other Segment Length   | N/A                |
|   | Number of parallel runs  | 1                  |
|   | Length   | 960 feet per run   |

**Facility ID's and Call Signs of all stations with whom the transmission line is shared.**

| Facility ID | Call Sign |
|-------------|-----------|
| 34167       | WBKI      |

**Auxiliary  
Transmission Line**

**New Transmission Line**

| Section                            | Question                                  | Response                                  |
|------------------------------------|---|---|
| <b>New Transmission Line Costs</b> | Use                                       | Auxiliary (Backup)                        |
|                                    | Description of Use                        | Aux /Standby                              |
|                                    | Change Type                               | Purchase New                              |
|                                    | Is this a request for upgraded equipment? | No  |
|                                    | Type                                      | Rigid                                     |
|                                    | Diameter                                  | 6 1/8 inches                              |
|                                    | Other Diameter                            | N/A                                       |
|                                    | Segment Length                            | 19 3/4 inches                             |
|                                    | Other Segment Length                      | N/A                                       |
|                                    | Number of parallel runs                   | 1   |
|                                    | Length                                    | 1040 feet per run                         |
|                                    | Justification for New Transmission Line   | Required due to new frequency allocation. |

**Auxiliary  
Transmission Line**

**Other Transmission Line Expenses Not Listed**

| Name              | Description   |
|-------------------|---|
| <b>Dehydrator</b> | New dehydrator required for six and one eighth inch line. |

**Primary  
Transmission Line**

**Existing Transmission Line**

| Section   | Question   | Response          |
|---|--|-------------------|
| <b>Existing Transmission Line Description</b>           | Type of change   | Purchase New      |
|   | Use  | Primary (Main)    |
|   | Description of Use   | N/A               |
|   | Ownership  | Owned             |
|   | Owner  | N/A               |
|   | Site   | N/A               |
|   | Is the existing transmission line shared with another station or stations? | Yes               |
|   | Is Transmission Line in operating condition?                               | Yes               |
| <b>Existing Transmission Line Manufacturer and Type</b> | Manufacturer   |                   |
|   | Type   | Rigid             |
|   | Diameter   | 8 3/16 inches     |
|   | Other Diameter   | N/A               |
|   | Segment Length   | 19 1/2 inches     |
|   | Other Segment Length   | N/A               |
|   | Number of parallel runs  | 1                 |
|   | Length   | 1043 feet per run |

**Facility ID's and Call Signs of all stations with whom the transmission line is shared.**

| Facility ID | Call Sign |
|-------------|-----------|
| 34167       | WBKI      |



**Primary**  
**Transmission Line**

**New Transmission Line**

| Section                            | Question                                  | Response                                  |
|------------------------------------|---|---|
| <b>New Transmission Line Costs</b> | Use                                       | Primary (Main)                            |
|                                    | Description of Use                        | N/A                                       |
|                                    | Change Type                               | Purchase New                              |
|                                    | Is this a request for upgraded equipment? | No  |
|                                    | Type                                      | Rigid                                     |
|                                    | Diameter                                  | 7 3/16 inches                             |
|                                    | Other Diameter                            | N/A                                       |
|                                    | Segment Length                            | 19 3/4 inches                             |
|                                    | Other Segment Length                      | N/A                                       |
|                                    | Number of parallel runs                   | 1   |
|                                    | Length                                    | 1123 feet per run                         |
|                                    | Justification for New Transmission Line   | Required due to new frequency allocation. |

**Primary**  
**Transmission Line**

**Other Transmission Line Expenses Not Listed**

| Name              | Description   |
|-------------------|---|
| <b>Dehydrator</b> | New Dehydrator required for seven and three sixteenths inch line. |

**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**

**Add Tower**

| Section   | Question  | Response          |
|---|---|-------------------|
| Existing Tower Description                          | Type of change  | Construct New     |
|   | Tower Use   | Primary (Main)    |
|   | Description of Use                                      | N/A               |
|   | Ownership   | Owned             |
|   | Is this tower consider Complex?                         | No                |
|   | Is this tower currently shared with any other stations? | Yes               |
|   | One or more FM, AM or TV radio broadcaster(s)           | Yes               |
|   | Others Types of Users                                   | No                |
|   | Is tower documented for structural analysis?            | Yes               |
|   | Is tower compliant with Rev G?                          | No                |
| Existing Tower Structure Registration               | Do you have a tower registration number?                | Yes               |
|   | ASR Number  | 1028421           |
| Coordinates (NAD83 ( North American Datum of 1983)) | Latitude (NAD83)  | 38° 21' 00.0" N-  |
|   | Longitude (NAD83)                                       | 085° 50' 57.0" W- |
|   | Overall Structure Height                                | 999.99 feet       |
|   | Support Structure Height                                | 944.87 feet       |
|   | Ground Elevation Above Mean Sea Level (AMSL)            | 960.95 feet       |
|   |   |                   |

|                  |   |
|------------------|---|
| Structure Type   | TOWER -<br>Free Standing<br>or Guyed<br>Structure |
| Tower Owner      | Independence<br>Television                        |
| Date Constructed | 12/01/1972  |

**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 |
|-------------|-----------|---------|
| 34167       | WBKI      | DTV     |
| 28476       | WDRB      | DTV     |

**Primary  
Tower**

**Tower Construction Costs**

| Section                    | Question                                  | Response  |
|----------------------------|---|---|
| <b>Construct New Tower</b> | Use                                       | Primary<br>(Main)   |
|                            | Description of Use                        | N/A   |
|                            | Is this a request for upgraded equipment? | Yes   |
|                            | Height                                    | 999.99 feet   |
|                            | Justification for New Tower               | The FCC allocated us two frequencies that aren't adjacent to each other (16 & 32). This combination will require 4 antennas and 4 feedlines. The existing tower will not support that much weight. We request to construct a new tower with a "T" top design. |

**Primary  
Tower**

**Tower Rigging Costs**

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

**Primary  
Tower****Other Tower Expenses Not Listed**

| Name  | Description  |
|---|--|
| Foundation                                      | Concrete work for pier and anchors   |
| Transmission line designs                       | Design drawings of transmission lines  |
| Purchase seven and three sixteenth inch hangers | Utilized to hang seven and three sixteenth inch feedline   |
| Fence removal and installation                  | Costs for removing existing fence and installing new fence around new tower and guy anchors.                               |
| Rental of heavy equipment                       | Rental of a Sky-jack to off load transmitters and other equipment.   |
| Demolition                                      | Removal of old tower and all apparatuses not utilized.   |
| Electric  | Provide electricity to base of tower for lighting and ENG antennas.  |
| Install tower and ice bridge                    | Charges for the installation of the tower and new ice bridge   |
| Shipping Freight                                | Freight charges for tower components   |
| Purchase six and one eighth inch hangers        | Utilized to hang six and one eighth inch feedline  |
| Installation services                           | Installation of two WDRB antennas and two WDRB feedlines. Remove old equipment from existing tower and mount on new tower. |
| State taxes                                     | State taxes at 7% for the new tower  |
| Asphalt repair                                  | Funds needed to repair the existing asphalt surface of the tower area after construction,                                  |

**Outside  
Professional**

| Section   | Question   | Response  |
|---|--|---|
| <b>Services Costs<br/>Outside Project<br/>Management Services</b> | Do you require outside project management services?                          | Yes   |
|   | Number of Hours  | 595   |
|   | Explanation  | WDRB does not have sufficient resource capacity and expertise in house to handle all of the reimbursement filing. |
| <b>Outside RF consulting<br/>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  | Yes   |
|                                      | Environmental Assessment   | Yes   |
|                                      | ASR Modification   | Yes   |
|                                      | 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   | Yes   |
|                                      | Address transition timing and coordination issues w/ other stations and wireless providers | Yes   |
| <b>RF Field Engineering Services</b> | Comprehensive coverage verification via field study  | Yes   |
|                                      | RF exposure measurements   | No  |
|                                      | Additional Field Engineering Service   | Yes   |
|                                      | Number of Days   | 14  |
|                                      | Justification  | Taking signal measurements of predetermined radials which will be used to compare after transition. |

**Outside**      **Other Professional Services Expenses Not Listed****Professional Services Costs**

| Name  | Description  |
|---|--|
| <b>Advanced site survey GA999TS</b>             | Site survey performed by transmitter manufacturer.   |
| <b>Existing-Tower Inspection</b>                | Coast-To-Coast Tower performed an inspection for us on the existing tower                                  |
| <b>RF Consultant D. Everist</b>                 | Rf Consultant that files Engineering studies on our behalf.  |
| <b>Structural Engineering Analysis of Tower</b> | Mark Malouf performed a total of two (to date) structural tower analysis on the WBKI /WDRB existing tower. |
| <b>Attorney Fees and Other Matters</b>          | Legal Fees Not Otherwise Allocated   |



## Other Expenses

| Section                             | Question   | Response |
|-------------------------------------|--|----------|
| <b>AM Pattern Disturbance</b>       | Is an Impact Study needed?   | No       |
|                                     | Is Remediation needed?   | No       |
| <b>Facility Expenses</b>            | 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      |
| <b>Permit and Filing Costs</b>      | Local Zoning   | Yes      |
|                                     | Non-zoning permits   | Yes      |
|                                     | BLM or NFS Coordination  | No       |
|                                     | FCC Construction Permit Minor Change   | No       |
|                                     | FCC License to Cover Application   | Yes      |
|                                     | FCC Special Temporary Authority Application  | Yes      |
| <b>Other Miscellaneous Expenses</b> | 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? | No       |
|                                     | Does this relocation require Equipment Storage?  | No       |
|                                     | 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  |
|----------------------------------|--|
| Project management fees internal | Cost of station personnel man hours working on repack planning |

Cost  
Information

Transmitters

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

| Description  | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification        | Actual Cost  | Actual Cost Justification |
|--|-----------------------------|----------------|-------------------------------------|--------------|---------------------------|
| Primary Transmitter ULXTE-72   | \$2,086,390.30              | \$1,621,867.98 |                                     | \$980,263.54 |                           |
| UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW   | \$1,788,000.00              | \$1,347,578.86 | GatesAir Quote Q-78329              | \$830,702.48 | N/A                       |
| Transformer 3 phase/480v - 300 KVA   | \$36,800.00                 | \$12,998.82    | GatesAir Quote Q-65984              | \$4,332.94   | N/A                       |
| 3" Rigid Conduit and Wiring (Cost per foot)  | \$5,200.00                  | \$4,900.00     | N/A                                 | N/A          | N/A                       |
| Other Electrical Service: Two transmitters, main and Aux will need to be wired simultaneously. | \$37,500.00                 | \$37,500.00    | N/A                                 | \$4,332.94   | N/A                       |
| Installation and proof   | \$82,198.75                 | \$82,198.75    | GatesAir Quote Q-65984              | \$54,799.16  | N/A                       |
| Demolition   | \$4,500.00                  | \$4,500.00     | N/A                                 | \$4,500.00   | N/A                       |
| Mask Filter  | \$69,975.88                 | \$69,975.88    | GatesAir Quote Q-65984              | \$46,871.06  | N/A                       |
| RF Accessories   | \$62,215.67                 | \$62,215.67    | GatesAir Quotes Q-65984 and Q-78329 | \$34,724.96  | N/A                       |

|  |                    |                |   |                |     |
|--|--------------------|----------------|---|----------------|-----|
| <b>Auxiliary Transmitter N/A</b>                 | <b>\$28,150.00</b> | <b>\$0.00</b>  |   | <b>\$0.00</b>  |     |
| UHF - Air Cooled Solid State Transmitter 0.01 kW | <b>\$0.00</b>      | \$0.00         | N/A. Station is not seeking reimbursement for AUX Transmitter or equipment. | N/A            | N/A |
| Transformer 3 phase/480v - 150 KVA               | \$25,550.00        | \$0.00         | N/A. Station is not seeking reimbursement for AUX Transmitter or equipment. | N/A            | N/A |
| 2" Rigid Conduit and Wiring (Cost per foot)      | \$2,600.00         | \$0.00         | N/A. Station is not seeking reimbursement for AUX Transmitter or equipment. | N/A            | N/A |
| <b>Sub-total</b>                                 | \$2,114,540.30     | \$1,621,867.98 | N/A   | \$980,263.54   | N/A |
| <b>Total for all systems</b>                     | \$6,479,772.34     | \$5,684,755.97 | N/A   | \$3,223,618.55 | N/A |

## Components

| Actual Information                                     |   |
|--|---|
| Description  | File Name   |
| UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW | <p><b>Component Description:</b> Transmitter, Mask filter system, RF accessories, Electrical, Installation &amp; proof</p> <p><b>Amount:</b> \$414,797.77</p> <p><b>Component Description:</b> Primary Transmitter</p> <p><b>Amount:</b> \$415,904.71</p> |

|   |  |
|---|--|
| Transformer 3 phase/480v<br>- 300 KVA   | <b>Component Description:</b> Electrical (1/3<br>Down Payment)<br><b>Amount:</b> \$4,332.94  |
| 3" Rigid Conduit and Wiring<br>(Cost per foot)  | Information not provided.  |
| Other Electrical Service:<br>Two transmitters, main and<br>Aux will need to be wired<br>simultaneously. | <b>Component Description:</b> WDRB-110-1st<br>Primary<br>Transmitter - Other<br>Electrical Service -<br>wiring two<br>transmitters<br>simultaneously<br>(main & aux)<br><b>Amount:</b> \$4,332.94  |
| Installation and proof  | <b>Component Description:</b> WDRB-110-1st<br>Primary<br>Transmitter -<br>Installation and<br>Proof<br><b>Amount:</b> \$27,399.58<br><br><b>Component Description:</b> Installation and<br>Proof (1/3 Down<br>Payment)<br><b>Amount:</b> \$27,399.58 |
| Demolition  | <b>Component Description:</b> Labor for<br>transmitter<br>Demolition project<br><b>Amount:</b> \$4,500.00  |

|   |                               |  |
|---|-------------------------------|--|
| Mask Filter   | <b>Component Description:</b> | WDRB-110-1st<br>Primary<br>Transmitter - Mask<br>Filter    |
|   | <b>Amount:</b>                | \$23,325.29  |
|   | <b>Component Description:</b> | Mask Filter System<br>(1/3 Down<br>Payment)                |
|   | <b>Amount:</b>                | \$23,545.77  |
| RF Accessories                                      | <b>Component Description:</b> | RF Accessories (1<br>/3 Down Payment)                      |
|   | <b>Amount:</b>                | \$13,986.41  |
|   | <b>Component Description:</b> | WDRB-110-1st<br>Primary<br>Transmitter - RF<br>Accessories |
|   | <b>Amount:</b>                | \$20,738.55  |
| UHF - Air Cooled Solid<br>State Transmitter 0.01 kW | Information not provided.     |  |
| Transformer 3 phase/480v<br>- 150 KVA               | Information not provided.     |  |
| 2" Rigid Conduit and Wiring<br>(Cost per foot)      | 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>Primary Antenna ATW25H3-ET0-32H</b>   | <b>\$315,390.00</b>         | <b>\$267,044.95</b> |  | <b>\$244,517.12</b> |                      |
| Elbow complex, single channel, at antenna input, per 7 3/16. feedline (if needed)                      | \$13,900.00                 | \$27,192.00         | This is the price quoted by ERI for all the elbows in the line (12). Actual cost may change after we pay for the transmission line design. | \$10,820.42         |                      |
| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized   | \$289,500.00                | \$230,227.95        | ERI Quote20170929827RevE<br>ERI Invoice WDRB-100B  | \$230,227.95        |                      |
| Sweep test of existing antenna   | \$6,730.00                  | \$4,625.00          | per proposal 20170929-827 Rev E  | \$3,468.75          |                      |
| 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                 |                      |

|  |                     |                     |  |                     |
|--|---------------------|---------------------|--|---------------------|
| <b>Auxiliary Antenna ATW16H3-HSCX-32H</b>  | <b>\$231,385.74</b> | <b>\$219,474.74</b> |  | <b>\$152,466.39</b> |
| UHF - High Power, Side Mount, basic slot antenna, 724 kW input, horizontally polarized                 | <b>\$183,945.74</b> | \$183,945.74        | This Auxiliary Antenna is a Side Mounted Horizontally Polarized UHF Trasar Television Transmitting Antenna. Rated for 50kw average input power | \$133,275.00        |
| Sweep test of existing antenna   | \$6,730.00          | \$4,625.00          | per proposal 20170929-827 Rev E  | \$693.75            |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)                       | \$12,300.00         | \$12,904.00         | This is the cost figure the manufacture had listed for the elbow complex.  | \$5,897.64          |
| Side mount brackets for high power antennas (if not included in antenna base cost)                     | \$23,150.00         | \$13,000.00         | N/A  | \$7,800.00          |
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | \$5,260.00          | \$5,000.00          | N/A  | \$4,800.00          |



|                              |                |                |     |                |
|------------------------------|----------------|----------------|-----|----------------|
| <b>Sub-total</b>             | \$546,775.74   | \$486,519.69   | N/A | \$396,983.51   |
| <b>Total for all systems</b> | \$6,479,772.34 | \$5,684,755.97 | N/A | \$3,223,618.55 |

## Components

| Actual Information   |  |
|--|--|
| Description  | File Name  |
| Elbow complex, single channel, at antenna input, per 7 3/16. feedline (if needed)                    | <b>Component Description:</b>                        |
|  | Primary Antenna - Elbow Complex 7 3 /16"             |
|  | <b>Amount:</b>                                       |
|  | \$5,410.21   |
|  | <b>Component Description:</b>                        |
|  | Primary Antenna - Elbow Complex 7 3 /16"             |
|  | <b>Amount:</b>                                       |
|  | \$5,410.21   |
| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized | <b>Component Description:</b>                        |
|  | WDRB-210- Primary Antenna - UHF High Power Top Mount |
|  | <b>Amount:</b>                                       |
|  | \$123,352.95   |
|  | <b>Component Description:</b>                        |
|  | Primary Antenna - UHF High Power Top Mount           |
|  | <b>Amount:</b>                                       |
|  | \$53,437.50  |
|  | <b>Component Description:</b>                        |
|  | WDRB-210- Primary Antenna - UHF High Power Top Mount |
|  | <b>Amount:</b>                                       |
|  | \$53,437.50  |

|  |  |
|--|--|
| Sweep test of existing antenna   | <div> <div> <b>Component Description:</b><br/> <b>Amount:</b> </div> <div> Primary Antenna - Sweep Test<br/> \$1,387.50 </div> </div> <div> <div> <b>Component Description:</b><br/> <b>Amount:</b> </div> <div> WDRB-210-Primary Antenna - Sweep Test<br/> \$693.75 </div> </div> <div> <div> <b>Component Description:</b><br/> <b>Amount:</b> </div> <div> WDRB-210-Primary Antenna - Sweep Test<br/> \$1,387.50 </div> </div>                            |
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | Information not provided.  |
| UHF - High Power, Side Mount, basic slot antenna, 724 kW input, horizontally polarized                 | <div> <div> <b>Component Description:</b><br/> <b>Amount:</b> </div> <div> WDRB-250-Auxiliary Antenna - UHF High Power Side Mount<br/> \$47,025.00 </div> </div> <div> <div> <b>Component Description:</b><br/> <b>Amount:</b> </div> <div> UHF High Power Side Mount<br/> \$43,125.00 </div> </div> <div> <div> <b>Component Description:</b><br/> <b>Amount:</b> </div> <div> Auxiliary Antenna - UHF High Power Side Mount<br/> \$43,125.00 </div> </div> |

|  |   |
|--|---|
| Sweep test of existing antenna   | <b>Component Description:</b> WDRB-250-Auxiliary Antenna - Sweep Test<br><b>Amount:</b> \$693.75  |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)                       | <b>Component Description:</b> WDRB-250-Auxiliary Antenna - Elbow Complex 6 1/8"<br><b>Amount:</b> \$2,948.82<br><br><b>Component Description:</b> Auxiliary Antenna - Elbow Complex 6 1/8"<br><b>Amount:</b> \$2,948.82                                     |
| Side mount brackets for high power antennas (if not included in antenna base cost)                     | <b>Component Description:</b> Auxiliary Antenna - Side Mount Brackets High Power Antenna<br><b>Amount:</b> \$3,900.00<br><br><b>Component Description:</b> WDRB-250-Auxiliary Antenna - Side Mount Brackets High Power Antenna<br><b>Amount:</b> \$3,900.00 |
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | <b>Component Description:</b> Aux antenna scattering study<br><b>Amount:</b> \$2,400.00<br><br><b>Component Description:</b> SCATTERING STUDY -- WDRB<br><b>Amount:</b> \$2,400.00  |



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 Cost<br>Justification | Actual Cost    | Actual<br>Justification |
|--|--------------------------------|-------------------|---------------------------------|----------------|-------------------------|
| Primary<br>Transmission<br>Line                        | \$335,885.00                   | \$363,960.00      |                                 | \$282,914.61   |                         |
| Dehydrator   | <i>\$10,215.00</i>             | \$10,215.00       | N/A                             | \$8,392.05     |                         |
| Rigid<br>Transmission<br>Line -<br>copper, 7 3<br>/16" | \$325,670.00                   | \$353,745.00      | ERI<br>Quote20170929827RevE     | \$274,522.56   |                         |
| Auxiliary<br>Transmission<br>Line                      | \$221,050.00                   | \$192,656.00      |                                 | \$143,911.32   |                         |
| Rigid<br>Transmission<br>Line -<br>copper, 6 1/8"      | \$210,080.00                   | \$181,686.00      | ERI<br>Quote20170929827RevE     | \$135,519.27   |                         |
| Dehydrator   | <i>\$10,970.00</i>             | \$10,970.00       | N/A                             | \$8,392.05     |                         |
| Sub-total  | \$556,935.00                   | \$556,616.00      | N/A                             | \$426,825.93   |                         |
| Total for all<br>systems                               | \$6,479,772.34                 | \$5,684,755.97    | N/A                             | \$3,223,618.55 |                         |

Components

| Actual Information<br>Description | File Name |
|-----------------------------------|-----------|
|-----------------------------------|-----------|

|  |                               |  |
|--|-------------------------------|--|
| Dehydrator                                   | <b>Component Description:</b> | WDRB-310-<br>Primary<br>Transmission Line<br>- Dehydrator                            |
|  | <b>Amount:</b>                | \$2,797.35   |
|  | <b>Component Description:</b> | WDRB-310-<br>Primary<br>Transmission Line<br>- Dehydrator                            |
|  | <b>Amount:</b>                | \$2,797.35   |
|  | <b>Component Description:</b> | Primary<br>Transmission Line<br>- Dehydrator   |
|  | <b>Amount:</b>                | \$2,797.35   |
| Rigid Transmission Line -<br>copper, 7 3/16" | <b>Component Description:</b> | WDRB-310-<br>Primary<br>Transmission Line<br>- Rigid<br>Transmission Line<br>7 3/16" |
|  | <b>Amount:</b>                | \$96,167.68  |
|  | <b>Component Description:</b> | Primary<br>Transmission Line<br>- Rigid<br>Transmission Line<br>7 3/16"              |
|  | <b>Amount:</b>                | \$89,177.44  |
|  | <b>Component Description:</b> | Primary<br>Transmission Line<br>- Rigid<br>Transmission Line<br>7 3/16"              |
|  | <b>Amount:</b>                | \$89,177.44  |

|   |                               |   |
|---|-------------------------------|---|
| Rigid Transmission Line -<br>copper, 6 1/8" | <b>Component Description:</b> | WDRB-350-<br>Auxiliary<br>Transmission Line<br>- Rigid<br>Transmission Line<br>6 1/8" |
|   | <b>Amount:</b>                | \$48,063.97   |
|   | <b>Component Description:</b> | WDRB-350-<br>Auxiliary<br>Transmission Line<br>- Rigid<br>Transmission Line<br>6 1/8" |
|   | <b>Amount:</b>                | \$43,727.65   |
|   | <b>Component Description:</b> | Auxiliary<br>Transmission Line<br>- Rigid<br>Transmission Line<br>6 1/8"              |
|   | <b>Amount:</b>                | \$43,727.65   |
| Dehydrator                                  | <b>Component Description:</b> | WDRB-350-<br>Auxiliary<br>Transmission Line<br>- Dehydrator                           |
|   | <b>Amount:</b>                | \$2,797.35  |
|   | <b>Component Description:</b> | Auxiliary<br>Transmission Line<br>- Dehydrator  |
|   | <b>Amount:</b>                | \$2,797.35  |
|   | <b>Component Description:</b> | WDRB-350-<br>Auxiliary<br>Transmission Line<br>- Dehydrator                           |
|   | <b>Amount:</b>                | \$2,797.35  |





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 Cost<br>Justification | Actual Cost    | Actual<br>Justification |
|---|--------------------------------|-------------------|---------------------------------|----------------|-------------------------|
| Primary<br>Tower<br>TOWER                         | \$0.00                         | \$0.00            |                                 | \$0.00         |                         |
| Primary<br>Tower                                  | \$2,852,875.50                 | \$2,642,376.50    |                                 | \$1,324,961.62 |                         |
| Install tower<br>and ice<br>bridge                | <i>\$686,250.50</i>            | \$686,250.50      | ERI<br>Quote20170929827RevE     | \$598,209.75   |                         |
| Installation<br>services                          | <i>\$89,286.00</i>             | \$89,286.00       | N/A                             | \$9,525.00     |                         |
| Foundation  | <i>\$200,000.00</i>            | \$200,000.00      | N/A                             | \$64,980.00    |                         |
| Shipping<br>Freight                               | <i>\$11,696.00</i>             | \$11,696.00       | N/A                             | \$11,695.74    |                         |
| Demolition  | <i>\$160,715.00</i>            | \$160,715.00      | N/A                             | N/A            |                         |
| Purchase six<br>and one<br>eighth inch<br>hangers | <i>\$29,922.00</i>             | \$29,922.00       | N/A                             | N/A            |                         |
| Asphalt repair                                    | <i>\$5,000.00</i>              | \$5,000.00        | N/A                             | N/A            |                         |
| Rental of<br>heavy<br>equipment                   | <i>\$2,500.00</i>              | \$2,500.00        | N/A                             | N/A            |                         |
| Electric  | <i>\$2,500.00</i>              | \$2,500.00        | N/A                             | N/A            |                         |
| New tower   | <i>\$1,250,000.00</i>          | \$1,250,000.00    | N/A                             | \$540,501.00   |                         |
| Transmission<br>line designs                      | <i>\$9,250.00</i>              | \$9,250.00        | N/A                             | \$5,550.00     |                         |
| Fence<br>removal and<br>installation              | <i>\$5,000.00</i>              | \$5,000.00        | N/A                             | N/A            |                         |
| State taxes                                       | <i>\$134,843.00</i>            | \$134,843.00      | N/A                             | \$94,500.13    |                         |

|   |                |                |                                     |                |
|---|----------------|----------------|-------------------------------------|----------------|
| Purchase seven and three sixteenth inch hangers | \$55,413.00    | \$55,413.00    | N/A                                 | N/A            |
| Tall Tower (greater than 500')                  | \$210,500.00   | \$1.00         | Cost reflected in new tower expense | N/A            |
| <b>Sub-total</b>                                | \$2,852,875.50 | \$2,642,376.50 | N/A                                 | \$1,324,961.62 |
| <b>Total for all systems</b>                    | \$6,479,772.34 | \$5,684,755.97 | N/A                                 | \$3,223,618.55 |

## Components

| Actual Information Description | File Name   |
|--------------------------------|---|
| Install tower and ice bridge   | <p><b>Component Description:</b> WDRB-480-Construct New Tower - Install Tower and Ice Bridge</p> <p><b>Amount:</b> \$186,459.45</p> <p><b>Component Description:</b> Construct New Tower - Install Tower and Ice Bridge</p> <p><b>Amount:</b> \$205,875.15</p> <p><b>Component Description:</b> Construct New Tower - Install Tower and Ice Bridge</p> <p><b>Amount:</b> \$205,875.15</p> |

|                               |  |                               |  |                |             |                               |   |                |             |                               |   |                |             |
|-------------------------------|--|-------------------------------|--|----------------|-------------|-------------------------------|---|----------------|-------------|-------------------------------|---|----------------|-------------|
| Installation services         | <table> <tr> <td data-bbox="707 98 1145 367"><b>Component Description:</b></td><td data-bbox="1145 98 1426 367">WDRB-480-Construct New Tower - Installation Services</td></tr> <tr> <td data-bbox="707 367 1145 434"><b>Amount:</b></td><td data-bbox="1145 367 1426 434">\$5,775.00</td></tr> <tr> <td data-bbox="707 501 1145 680"><b>Component Description:</b></td><td data-bbox="1145 501 1426 680">Construct New Tower - Installation Services</td></tr> <tr> <td data-bbox="707 680 1145 748"><b>Amount:</b></td><td data-bbox="1145 680 1426 748">\$1,875.00</td></tr> <tr> <td data-bbox="707 815 1145 994"><b>Component Description:</b></td><td data-bbox="1145 815 1426 994">Construct New Tower - Installation Services</td></tr> <tr> <td data-bbox="707 994 1145 1061"><b>Amount:</b></td><td data-bbox="1145 994 1426 1061">\$1,875.00</td></tr> </table>    | <b>Component Description:</b> | WDRB-480-Construct New Tower - Installation Services | <b>Amount:</b> | \$5,775.00  | <b>Component Description:</b> | Construct New Tower - Installation Services | <b>Amount:</b> | \$1,875.00  | <b>Component Description:</b> | Construct New Tower - Installation Services | <b>Amount:</b> | \$1,875.00  |
| <b>Component Description:</b> | WDRB-480-Construct New Tower - Installation Services   |                               |  |                |             |                               |   |                |             |                               |   |                |             |
| <b>Amount:</b>                | \$5,775.00   |                               |  |                |             |                               |   |                |             |                               |   |                |             |
| <b>Component Description:</b> | Construct New Tower - Installation Services  |                               |  |                |             |                               |   |                |             |                               |   |                |             |
| <b>Amount:</b>                | \$1,875.00   |                               |  |                |             |                               |   |                |             |                               |   |                |             |
| <b>Component Description:</b> | Construct New Tower - Installation Services  |                               |  |                |             |                               |   |                |             |                               |   |                |             |
| <b>Amount:</b>                | \$1,875.00   |                               |  |                |             |                               |   |                |             |                               |   |                |             |
| Foundation                    | <table> <tr> <td data-bbox="707 1061 1145 1308"><b>Component Description:</b></td><td data-bbox="1145 1061 1426 1308">WDRB-480-Construct New Tower - Foundation</td></tr> <tr> <td data-bbox="707 1308 1145 1375"><b>Amount:</b></td><td data-bbox="1145 1308 1426 1375">\$21,660.00</td></tr> <tr> <td data-bbox="707 1442 1145 1599"><b>Component Description:</b></td><td data-bbox="1145 1442 1426 1599">WDRB-480-Construct New Tower - Foundation</td></tr> <tr> <td data-bbox="707 1599 1145 1666"><b>Amount:</b></td><td data-bbox="1145 1599 1426 1666">\$21,660.00</td></tr> <tr> <td data-bbox="707 1733 1145 1845"><b>Component Description:</b></td><td data-bbox="1145 1733 1426 1845">Construct New Tower - Foundation</td></tr> <tr> <td data-bbox="707 1845 1145 1906"><b>Amount:</b></td><td data-bbox="1145 1845 1426 1906">\$21,660.00</td></tr> </table> | <b>Component Description:</b> | WDRB-480-Construct New Tower - Foundation            | <b>Amount:</b> | \$21,660.00 | <b>Component Description:</b> | WDRB-480-Construct New Tower - Foundation   | <b>Amount:</b> | \$21,660.00 | <b>Component Description:</b> | Construct New Tower - Foundation            | <b>Amount:</b> | \$21,660.00 |
| <b>Component Description:</b> | WDRB-480-Construct New Tower - Foundation  |                               |  |                |             |                               |   |                |             |                               |   |                |             |
| <b>Amount:</b>                | \$21,660.00  |                               |  |                |             |                               |   |                |             |                               |   |                |             |
| <b>Component Description:</b> | WDRB-480-Construct New Tower - Foundation  |                               |  |                |             |                               |   |                |             |                               |   |                |             |
| <b>Amount:</b>                | \$21,660.00  |                               |  |                |             |                               |   |                |             |                               |   |                |             |
| <b>Component Description:</b> | Construct New Tower - Foundation   |                               |  |                |             |                               |   |                |             |                               |   |                |             |
| <b>Amount:</b>                | \$21,660.00  |                               |  |                |             |                               |   |                |             |                               |   |                |             |

|  |   |
|--|---|
| Shipping Freight                         | <div> <div>Component Description:</div> <div>WDRB-480-Construct New Tower - Shipping /Freight</div> </div> <div> <div>Amount:</div> <div>\$11,695.74</div> </div>   |
| Demolition                               | Information not provided.   |
| Purchase six and one eighth inch hangers | Information not provided.   |
| Asphalt repair                           | Information not provided.   |
| Rental of heavy equipment                | Information not provided.   |
| Electric                                 | Information not provided.   |
| New tower                                | <div> <div>Component Description:</div> <div>Survey of new tower location and support cables. Fieldwork. Drawing and process data.</div> </div> <div> <div>Amount:</div> <div>\$1,042.50</div> </div> <div> <div>Component Description:</div> <div>Antenna Equipment and Installation Services</div> </div> <div> <div>Amount:</div> <div>\$143,553.00</div> </div> <div> <div>Component Description:</div> <div>Construct New Tower</div> </div> <div> <div>Amount:</div> <div>\$197,952.75</div> </div> <div> <div>Component Description:</div> <div>Construct New Tower - New Tower</div> </div> <div> <div>Amount:</div> <div>\$197,952.75</div> </div> |

|   |                               |  |   |
|---|-------------------------------|--|---|
| Transmission line designs                       | <b>Component Description:</b> |  | Construct New Tower - Transmission Line designs (Primary Aux)   |
|   | <b>Amount:</b>                |  | \$2,775.00  |
|   | <b>Component Description:</b> |  | Construct New Tower - Transmission Line designs (Primary & Aux) |
|   | <b>Amount:</b>                |  | \$2,775.00  |
| Fence removal and installation                  | Information not provided.     |  |   |
| State taxes                                     | <b>Component Description:</b> |  | WDRB-480-Construct New Tower - State Sales Tax                  |
|   | <b>Amount:</b>                |  | \$94,500.13   |
| Purchase seven and three sixteenth inch hangers | Information not provided.     |  |   |
| Tall Tower (greater than 500')                  | Information not provided.     |  |   |

Cost  
Information

Outside Professional Services

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

| Description  | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification           | Actual Cost | Actual Cost Justification |
|--|-----------------------------|----------------|--|-------------|---------------------------|
| Outside Professional Services                                  | \$350,265.80                | \$326,560.80   |  | \$94,583.95 |                           |
| Attorney Fees and Other Matters                                | \$21,607.80                 | \$21,607.80    | N/A                                    | \$20,017.30 | N/A                       |
| Structural Engineering Analysis of Tower                       | \$16,800.00                 | \$16,800.00    | Per Hodge Structural Engineers invoice | \$16,800.00 | N/A                       |
| RF Consultant D. Everist                                       | \$50,000.00                 | \$50,000.00    | N/A                                    | N/A         | N/A                       |
| Existing-Tower Inspection                                      | \$5,000.00                  | \$5,000.00     | N/A                                    | \$5,000.00  | N/A                       |
| Advanced site survey GA999TS                                   | \$17,353.00                 | \$17,353.00    | N/A                                    | \$8,185.20  | N/A                       |
| Additional Field Engineering Service, 14 Days                  | \$11,650.00                 | \$11,650.00    | N/A                                    | N/A         | N/A                       |
| Comprehensive coverage verification via field study, if needed | \$84,200.00                 | \$80,000.00    | N/A                                    | \$12,500.00 | N/A                       |
| ASR modification (prepare FCC Form 854)                        | \$2,105.00                  | \$2,000.00     | N/A                                    | N/A         | N/A                       |

|   |             |             |   |             |     |
|---|-------------|-------------|---|-------------|-----|
| Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet | \$10,520.00 | \$1,000.00  | Please see the attached invoice from TERRACON # TB18642-1 | \$1,000.00  | N/A |
| NEPA Section 106 environmental review, if needed  | \$6,310.00  | \$1,650.00  | Please see the attached invoice from TERRACON # TB18642-1 | \$1,650.00  | N/A |
| Attorney Fees - Prepare and File request for Special Temporary Authorization                              | \$3,680.00  | \$3,500.00  | N/A   | N/A         | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application                       | \$2,365.00  | \$2,250.00  | N/A   | N/A         | N/A |
| Project management of the transition  | \$94,010.00 | \$90,750.00 | N/A   | \$27,840.95 | N/A |
| Prepare and or review reimbursement form  | \$2,630.00  | \$2,500.00  | N/A   | N/A         | N/A |
| Address transition timing and coordination issues w/ other stations and wireless                          | \$2,630.00  | \$2,500.00  | N/A   | N/A         | N/A |

|  |                |                |     |                |     |
|--|----------------|----------------|-----|----------------|-----|
| Perform engineering study for new channel assignment and antenna development           | \$7,360.00     | \$7,000.00     | N/A | N/A            | N/A |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application   | \$3,155.00     | \$3,000.00     | N/A | N/A            | N/A |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application      | \$1,580.00     | \$1,500.00     | N/A | N/A            | N/A |
| Prepare request for Special Temporary Authorization                                    | \$2,050.00     | \$1,500.00     | N/A | N/A            | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00     | \$5,000.00     | N/A | \$1,590.50     | N/A |
| <b>Sub-total</b>   | \$350,265.80   | \$326,560.80   | N/A | \$94,583.95    | N/A |
| <b>Total for all systems</b>   | \$6,479,772.34 | \$5,684,755.97 | N/A | \$3,223,618.55 | N/A |

## Components

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



|  |                               |   |
|--|-------------------------------|---|
| Attorney Fees and Other Matters          | <b>Component Description:</b> | Fees  |
|  | <b>Amount:</b>                | \$7,779.50  |
|  | <b>Component Description:</b> | Fees  |
|  | <b>Amount:</b>                | \$4,214.80  |
|  | <b>Component Description:</b> | Fees  |
|  | <b>Amount:</b>                | \$8,023.00  |
| Structural Engineering Analysis of Tower | <b>Component Description:</b> | Engineering Evaluation /Feasibility Analysis for 944' guyed tower |
|  | <b>Amount:</b>                | \$7,500.00  |
|  | <b>Component Description:</b> | Structural Analysis   |
|  | <b>Amount:</b>                | \$3,500.00  |
|  | <b>Component Description:</b> | Site plan and survey of broadcast tower                           |
|  | <b>Amount:</b>                | \$5,800.00  |
| RF Consultant D. Everist                 | Information not provided.     |   |
| Existing-Tower Inspection                | <b>Component Description:</b> | Completion of complete tower inspection at WDRB TV tower.         |
|  | <b>Amount:</b>                | \$5,000.00  |
|  | <b>Component Description:</b> | Site Survey   |
| Advanced site survey GA999TS             | <b>Amount:</b>                | \$8,185.20  |
|  |                               |   |

|   |   |  |
|---|---|--|
| Additional Field Engineering Service, 14 Days   | Information not provided.                           |  |
| Comprehensive coverage verification via field study, if needed  | <b>Component Description:</b><br><br><b>Amount:</b> | TV MEASUREMENTS AND REPORT PER QUOTATION DATED 9/4/2018<br>\$5,000.00<br><br><b>Component Description:</b><br><br>Down payment for TV measurements and report per quotation<br><b>Amount:</b> \$7,500.00 |
| ASR modification (prepare FCC Form 854)   | Information not provided.                           |  |
| Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet | <b>Component Description:</b><br><br><b>Amount:</b> | Environmental Assessment<br>\$1,000.00   |
| NEPA Section 106 environmental review, if needed  | <b>Component Description:</b><br><br><b>Amount:</b> | NEPA Screening-National Environmental Policy Act (NEPA) screening for the proposed tower site in accordance with Federal Communication Commission (FCC) requirements<br>\$1,650.00                       |
| 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.     |                    |
| Project management of the transition   | <b>Component Description:</b> | Project Management |
|  | <b>Amount:</b>                | \$5,506.40         |
|  | <b>Component Description:</b> | Project Management |
|  | <b>Amount:</b>                | \$2,591.00         |
|  | <b>Component Description:</b> | Project Management |
|  | <b>Amount:</b>                | \$2,014.55         |
|  | <b>Component Description:</b> | Project Management |
|  | <b>Amount:</b>                | \$5,080.05         |
|  | <b>Component Description:</b> | Project Management |
|  | <b>Amount:</b>                | \$2,831.25         |
|  | <b>Component Description:</b> | Project Management |
|  | <b>Amount:</b>                | \$1,773.65         |
|  | <b>Component Description:</b> | Project Management |
|  | <b>Amount:</b>                | \$241.75           |
|  | <b>Component Description:</b> | Project Management |
|  | <b>Amount:</b>                | \$1,890.40         |
|  | <b>Component Description:</b> | Project Management |
|  | <b>Amount:</b>                | \$3,417.90         |
|  | <b>Component Description:</b> | Project Management |
|  | <b>Amount:</b>                | \$2,494.00         |

|  |   |
|--|---|
| Prepare and or review reimbursement form   | Information not provided.   |
| Address transition timing and coordination issues w/ other stations and wireless       | Information not provided.   |
| Perform engineering study for new channel assignment and antenna development           | Information not provided.   |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application   | Information not provided.   |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application      | Information not provided.   |
| Prepare request for Special Temporary Authorization                                    | Information not provided.   |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | <div> <div> <b>Component Description:</b> </div> <div> WDRB-550-Attorney<br/> - Prepare and File<br/> Form 2100<br/> Construction Permit<br/> Application (Main) </div> </div> <div> <div> <b>Amount:</b> </div> <div> \$1,590.50 </div> </div> |

## Cost Information

### Other Expenses

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

| Description  | Predetermined Cost Estimate | Estimated Cost     | Estimated Cost Justification | Actual Cost   | Actual Cost Justification |
|--|-----------------------------|--------------------|------------------------------|---------------|---------------------------|
| <b>Other Expenses</b>  | <b>\$43,080.00</b>          | <b>\$35,515.00</b> |                              | <b>\$0.00</b> |                           |
| Non-zoning permits   | <i>\$3,000.00</i>           | \$3,000.00         | N/A                          | N/A           | N/A                       |
| Local Zoning   | <i>\$7,000.00</i>           | \$7,000.00         | N/A                          | N/A           | N/A                       |
| FCC Filing Fees - Special Temporary Authorization request                | \$195.00                    | \$190.00           | N/A                          | N/A           | N/A                       |
| FCC Filing Fees - Form 2100 license to cover application                 | \$335.00                    | \$325.00           | N/A                          | N/A           | N/A                       |
| DTV Medical Facility Notification  | \$11,550.00                 | \$4,000.00         | N/A                          | N/A           | N/A                       |
| MVPD Notification of Channel Change                                      | <i>\$1,000.00</i>           | \$1,000.00         | N/A                          | N/A           | N/A                       |
| Develop and air announcement of upcoming channel change                  | <i>\$1,000.00</i>           | \$1,000.00         | N/A                          | N/A           | N/A                       |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <i>\$4,000.00</i>           | \$4,000.00         | N/A                          | N/A           | N/A                       |

|                                  |                    |                |     |                |     |
|----------------------------------|--------------------|----------------|-----|----------------|-----|
| Project management fees internal | <b>\$15,000.00</b> | \$15,000.00    | N/A | N/A            | N/A |
| <b>Sub-total</b>                 | \$43,080.00        | \$35,515.00    | N/A | \$0.00         | N/A |
| <b>Total for all systems</b>     | \$6,479,772.34     | \$5,684,755.97 | N/A | \$3,223,618.55 | N/A |

## Components

Information not provided.

| Cost Information | Grand Total           |                             |                |                |
|------------------|-----------------------|-----------------------------|----------------|----------------|
|                  |                       | Predetermined Cost Estimate | Estimated Cost | Actual Cost    |
|                  | Total for all systems | \$6,479,772.34              | \$5,684,755.97 | \$3,223,618.55 |

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

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



4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

|   |   |
|---|---|
| <p>8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.</p> |   |
| <p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>   | <p><b>Gary Schroder ,<br/>Schroder .<br/>Chief<br/>Engineer</b></p> <p>05/28/2019</p> |

| Certification | Section  | Question   | Response |
|---------------|--|--|----------|
|               | Submission of Actual Cost Documentation Statements | <p>WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).</p>   |          |
|               |  | <ol style="list-style-type: none"> <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> </ol> |          |

4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD) .
6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

|  |  |
|--|--|
| <p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.</p> |  |
| <p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>  | <p><b>Gary Schroder ,<br/>Schroder .</b><br/><i>Chief Engineer</i></p> <p>05/28/2019</p> |

## Attachments