



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **74422** | Service: **DTV** | Call **WTEN** | Channel: **24 (UHF)** |  
ID: | Sign:  
File **0000028761**  
Number:  
FRN: **0009961889** | Date **04/18**  
Submitted: **/2018**

## Applicant Information

### Applicant Name, Type, and Contact Information

| Applicant                                  | Address  | Phone                | Email                 | Applicant Type |
|--|--|----------------------|-----------------------|----------------|
| <b>NEXSTAR<br/>BROADCASTING ,<br/>INC.</b> | Elizabeth Ryder<br>545 E. John<br>Carpenter<br>Freeway<br>Suite 700<br>Irving, TX 75062<br>United States | +1 (972)<br>373-8800 | eryder@nexstar.<br>tv | 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>Elizabeth Ryder</b><br><i>General Counsel</i><br><i>Nexstar Broadcasting,</i><br><i>Inc.</i> | Elizabeth Ryder<br>545 E. John Carpenter<br>Freeway<br>Suite 700<br>Irving, TX 75062<br>United States | +1 (972) 373-<br>8800 | eryder@nexstar.<br>tv |

**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   | Replace transmitter and transmission line using existing antenna (see attached sweep for main transmission line replacement justification). |

**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<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  | Sigma                    |
|   | Year   | 2007                     |
|   | Type   | Inductive<br>Output Tube |
|   | IOT Power Type   | Two                      |
|   | Power Capacity   | 42 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                                     | THU9EVO-30   |
|                 | Transmitter Type                          | Solid State  |
|                 | Solid State Cooling                       | Liquid Cooled  |
|                 | Solid State Power capacity                | 46 kW  |
|                 | Justification for New Transmitter         | The manufacturer of the existing IOT transmitter advises that the transmitter cannot be re-tuned to the assigned channel. A new Comark Paragon MSDC IOT transmitter is the price used for a replacement. See attachment. |

**Primary  
Transmitter**

**Other Transmitter Costs**

| Section | Question | Response |
|---------|----------|----------|
|---------|----------|----------|

|  |   |              |
|--|---|--------------|
| <b>Electrical Service</b>  | Service Entrance (3 phases 800A 208V)   | No           |
|  | Switchgear (industrial 800 amp)   | Yes          |
|  | Transformer (480V)  | Yes          |
|  | Power   | 300 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?  | Yes          |
|  | Type  | Cooling Only |
|  | Size  | 15 tons      |
|  | 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  |
|-------------------------------|--|
| Additional Interior RF System | Interior RF System Existing Transmitter to Interim Transmission line |

**Antennas**

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

**Primary  
Antenna****Existing Antenna Information**

| Section                                   | Question   | Response           |
|---|--|--------------------|
| Existing Antenna<br>Description           | Type of change   | Retune<br>Existing |
|   | 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?                             | Yes                |
|   | 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  | Bottom             |
|   | Polarization   | Horizontal         |
|   | Type   | Broadband<br>Panel |
|   | Number of Stations Supported                                     | 2                  |
|   | Number of Panels   | 60                 |
|   | Design power capacity in use                                     | 100.0 %            |
|   | Lower Limit  | 470.00 MHz         |

|  |                       |
|--|-----------------------|
| Upper Limit                              | 692.00 MHz            |
| Other Antenna Type                       | N/A                   |
| ERP: (Effective Radiated Power)<br>..... | 700.0 kW              |
| Manufacturer                             | Dielectric            |
| Model                                    | TUD-05-12<br>/60H-1-B |
| Year                                     | 2007                  |

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

| Facility ID | Call Sign |
|-------------|-----------|
| 73263       | WMHT      |

**Primary  
Antenna**

**Adjustment to Existing Antenna**

| Section                               | Question                                      | Response |
|---------------------------------------|---|----------|
| <b>Sweep Test of Existing Antenna</b> | Do you need a sweep test of existing antenna? | Yes      |

**Primary  
Antenna**

**Other Antenna Costs**

| Section                            | Question                                     | Response   |
|------------------------------------|--|------------|
| <b>Combiner for Shared Antenna</b> | Do you need a Combiner for a Shared Antenna? | Yes        |
|                                    | Type   | New        |
|                                    | Number of channels supported                 | 3          |
|                                    | Frequencies of channels supported            | RF channel |
|                                    | Frequency                                    | N/A        |

**Enter a list of RF channel  
numbers.**

| RF Channel Number |
|-------------------|
| 22                |
| 24                |
| 25                |

## Primary Antenna

### Other Antenna Cost Not Listed

| Name    | Description  |
|---------|--|
| Rigging | Rigging to replace elbow complex; assist with tuning; replace main transmission line; install interim antenna and interim transmission line. |

## Interim Antenna

### New Antenna Costs

| Section                           | Question   | Response        |
|-----------------------------------|--|-----------------|
| New Antenna Description           | Use  | Interim         |
|                                   | Description of Use   | N/A             |
|                                   | Change Type  | Purchase New    |
|                                   | Ownership  | Owned           |
|                                   | Owner  | N/A             |
|                                   | Is antenna shared?   | No              |
|                                   | Is antenna directional?  | Yes             |
|                                   | Will antenna be located on or in close proximity to an antenna farm? | No              |
| New Antenna 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/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>..... | 700.0 kW   |
| Manufacturer                             |  |
| Model                                    | TBD  |
| Year                                     | 2019   |
| Justification for New Antenna            | New full-power interim antenna and interim transmission line is required while new transmission line is replaced and new elbow complex installed and tuned for main antenna. |

## Interim Antenna

### Other Antenna Costs

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

**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   | Broadband        |
|   | Other Segment Length   | N/A              |
|   | Number of parallel runs  | 1                |
|   | Length   | 500 feet per run |

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

| Facility ID | Call Sign |
|-------------|-----------|
| 73263       | WMHT      |

**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                                  | 8 3/16 inches   |
|                                    | Other Diameter                            | N/A   |
|                                    | Segment Length                            | Broadband   |
|                                    | Other Segment Length                      | N/A   |
|                                    | Number of parallel runs                   | 1   |
|                                    | Length                                    | 500 feet per run  |
|                                    | Justification for New Transmission Line   | See attached sweep test. Main transmission line measures well on pre-auction channel but does not measure well on post-auction channel. |

**Primary**  
**Transmission Line**

**Other Transmission Line Expenses Not Listed**

Information not provided.

**Interim**  
**Transmission Line**

**New Transmission Line**

| Section                            | Question                                | Response   |
|------------------------------------|---|--|
| <b>New Transmission Line Costs</b> | Use                                     | Interim  |
|                                    | Description of Use                      | N/A  |
|                                    | Change Type                             | Purchase New   |
|                                    | Type                                    | Rigid  |
|                                    | Diameter                                | 6 1/8 inches   |
|                                    | Segment Length                          | 20'  |
|                                    | Other Segment Length                    |  |
|                                    | Number of parallel runs                 | 1  |
|                                    | Length                                  | 395 feet per run   |
|                                    | Justification for New Transmission Line | Interim transmission line required for interim operation while main transmission line is replaced and elbow complex is replaced and tuned. |

**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 Existing   |
|  | 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)           | No                |
|  | Others Types of Users                                   | Yes               |
|  | Is tower documented for structural analysis?            | Yes               |
|  | Is tower compliant with Rev G?                          | Yes               |
| Existing Tower Structure Registration              | Do you have a tower registration number?                | No                |
|  | ASR Number  |                   |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83)  | 42° 37' 31.3" N-  |
|  | Longitude (NAD83)                                       | 074° 00' 36.7" W- |
|  | Overall Structure Height                                | 499.01 feet       |
|  | Support Structure Height                                | 495.07 feet       |
|  | Ground Elevation Above Mean Sea Level (AMSL)            | 1780.82 feet      |
|  |   |                   |

|                  |   |
|------------------|---|
| Structure Type   | GTOWER -<br>Guyed<br>Structure Used<br>for<br>Communication<br>Purposes |
| Tower Owner      | Capital Region<br>Broadcasters,<br>LLC                                  |
| Date Constructed | 05/31/2002  |

### Other Types of Users

| Users |
|-------|
| WNYT  |
| WCWN  |
| WMHT  |
| WXXA  |

### Primary Tower

### Tower Modification Costs

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

### Primary Tower

### Tower Rigging Costs

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



**Primary  
Tower**

**Other Tower Expenses Not Listed**  
Information not provided.

**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  | 300   |
|   | Explanation  | Schedule and coordinate multiple vendors, complete progress reports, and update Schedule 399. Station does not have available personnel or personnel trained in project management for such complex projects. Internal accounting and Project management. |
| <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  | No  |
|   | Quantity   | N/A |
|   | Do you have Distributed Transmission System engineering services?                          | N/A |
|   | Critical Facility  | N/A |
|   | Terrain-Shielded Facility  | N/A |
| <b>Attorney and Other Outside Consulting 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  | No  |
|   | Quantity   | N/A |
|   | NEPA Section 106 environmental review  | No  |
|   | Environmental Assessment   | No  |
|   | ASR Modification   | No  |
|   | FAA Consultation (including preparation of FAA Form 7460)                                  | No  |
|   | Negotiation of Lease and other Matter for Shared Locations                                 | No  |
|   | Prepare or Review FCC Form 399 for Reimbursement   | 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  | No  |
|   |  |     |

|                                      |   |
|--------------------------------------|---|
| RF exposure measurements             | No  |
| Additional Field Engineering Service | Yes   |
| Number of Days                       | 9   |
| Justification                        | It will be necessary to survey the site, plan the equipment, develop specifications for purchasing, and oversee multiple vendor RF projects. Station does not have available personnel or personnel trained in such services. |

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

Services provided.

## 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   | 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       |
| <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? | 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      |

|                       |                                  |
|-----------------------|----------------------------------|
| <b>Other Expenses</b> | <b>Other Expenses Not Listed</b> |
|                       | Information not provided.        |

## Cost Information

### Transmitters

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

| Description  | Predetermined Cost Estimate | Estimated Cost        | Estimated Cost Justification   | Actual Cost   | Actual Cost Justification |
|--|-----------------------------|-----------------------|--|---------------|---------------------------|
| <b>Primary Transmitter THU9EVO-30</b>                  | <b>\$1,749,000.00</b>       | <b>\$1,622,340.00</b> |  | <b>\$0.00</b> |                           |
| Additional Interior RF System                          | <i>\$140,000.00</i>         | \$140,000.00          | N/A  | N/A           | N/A                       |
| 3" Rigid Conduit and Wiring (Cost per foot)            | \$5,200.00                  | \$4,900.00            | N/A  | N/A           | N/A                       |
| Switchgear - industrial 800 amp                        | \$38,200.00                 | \$36,300.00           | N/A  | N/A           | N/A                       |
| UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW | \$1,473,000.00              | \$1,388,470.00        | Maximum reimbursement is based on the price of a 2 tube IOT since the catalog price is greater than the IOT price. | N/A           | N/A                       |
| Transformer 3 phase /480v - 300 KVA                    | \$36,800.00                 | \$35,000.00           | N/A  | N/A           | N/A                       |

|                              |                |                |   |            |     |
|------------------------------|----------------|----------------|---|------------|-----|
| 15 Ton system                | \$55,800.00    | \$17,670.00    | Catalog cost for 15 ton HVAC system is \$53,000. Cost shall be divided by 3 between the following 3 stations that share the main antenna and line: WTEN, WMHT and WCWN. | N/A        | N/A |
| <b>Sub-total</b>             | \$1,749,000.00 | \$1,622,340.00 | N/A   | \$0.00     | N/A |
| <b>Total for all systems</b> | \$3,381,175.00 | \$2,338,175.00 | N/A   | \$2,100.00 | N/A |

### Components

Information not provided.



## Cost Information

### Antennas

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

| Description  | Predetermined Cost Estimate | Estimated Cost      | Estimated Cost Justification | Actual Cost   | Actual Cost Justification |
|--|-----------------------------|---------------------|------------------------------|---------------|---------------------------|
| <b>Interim Antenna TBD</b>   | <b>\$282,440.00</b>         | <b>\$280,100.00</b> |                              | <b>\$0.00</b> |                           |
| Sweep test of existing antenna   | \$6,730.00                  | \$6,400.00          | N/A                          | N/A           | N/A                       |
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | \$5,260.00                  | \$5,000.00          | N/A                          | N/A           | N/A                       |
| Side mount brackets for high power antennas (if not included in antenna base cost)                     | \$23,150.00                 | \$22,000.00         | 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 - High Power, Side Mount, basic slot antenna, 700 kW input, directional,, horizontally polarized | <b>\$235,000.00</b> | \$235,000.00       | N/A   | N/A           | N/A |
| <b>Primary Antenna TUD-05-12/60H-1-B</b>   | <b>\$670,215.00</b> | <b>\$74,805.00</b> |   | <b>\$0.00</b> |     |
| Rigging  | <b>\$13,335.00</b>  | \$13,335.00        | Catalog cost for rigging is \$40,000. Cost shall be divided by 3 between the following three stations that share the main top-mount antenna: WTEN, WMHT and WCWN. | N/A           | N/A |

|   |             |             |  |     |     |
|---|-------------|-------------|--|-----|-----|
| Elbow complex, broadband, at antenna input, per 8 3 /16. feedline (if needed) | \$18,950.00 | \$6,000.00  | Catalog cost for elbow complex is \$18,000. Cost shall be divided by 3 between the following three stations that share the main top-mount antenna: WTEN, WMHT and WCWN.  | N/A | N/A |
| New combiner, cost per channel (without antenna)                              | \$84,200.00 | \$53,335.00 | Catalog cost for one combiner is \$80,000. Two combiners are required due to 1st adjacent channels. Cost shall be divided by 3 between the following 3 stations that share the main antenna and line: WTEN, WMHT and WCWN. | N/A | N/A |

|   |                |                |  |            |     |
|---|----------------|----------------|--|------------|-----|
| Sweep test of existing antenna  | \$6,730.00     | \$2,135.00     | Catalog cost for sweep test is \$6,400. Cost shall be divided by 3 between the following three stations that share the main top-mount antenna and line: WTEN, WMHT and WCWN. | N/A        | N/A |
| UHF - High Power Top Mount (200-1000 kW), Two Station broadband panel antenna, horizontally polarized | \$547,000.00   | \$0.00         | N/A - main antenna is being re-purposed.   | N/A        | N/A |
| <b>Sub-total</b>  | \$952,655.00   | \$354,905.00   | N/A  | \$0.00     | N/A |
| <b>Total for all systems</b>  | \$3,381,175.00 | \$2,338,175.00 | N/A  | \$2,100.00 | N/A |

## Components

Information not provided.

## Cost Information

### Transmission Line

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

| Description   | Predetermined Cost Estimate | Estimated Cost        | Estimated Cost Justification   | Actual Cost       | Actual Cost Justification |
|---|-----------------------------|-----------------------|--|-------------------|---------------------------|
| <b>Interim Transmission Line</b>                    | <b>\$79,790.00</b>          | <b>\$75,840.00</b>    |  | <b>\$0.00</b>     |                           |
| Rigid Transmission Line - copper, 6 1/8"            | \$79,790.00                 | \$75,840.00           | N/A  | N/A               | N/A                       |
| <b>Primary Transmission Line</b>                    | <b>\$199,500.00</b>         | <b>\$63,170.00</b>    |  | <b>\$0.00</b>     |                           |
| Rigid Transmission Line - copper, 8 3/16" broadband | \$199,500.00                | \$63,170.00           | Catalog cost for main transmission line is \$189,500. Cost shall be divided by 3 between the following 3 stations that share the main antenna and line: WTEN, WMHT and WCWN. | N/A               | N/A                       |
| <b>Sub-total</b>                                    | <b>\$279,290.00</b>         | <b>\$139,010.00</b>   | N/A  | <b>\$0.00</b>     | N/A                       |
| <b>Total for all systems</b>                        | <b>\$3,381,175.00</b>       | <b>\$2,338,175.00</b> | N/A  | <b>\$2,100.00</b> | N/A                       |

### Components

Information not provided.

Cost  
Information

Tower Equipment and Rigging Costs

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

| Description  | Predetermined<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification  | Actual<br>Cost | Actual Cost<br>Justification |
|--|--------------------------------|-------------------|---|----------------|------------------------------|
| Primary<br>Tower<br>GTOWER   | \$254,800.00                   | \$80,670.00       |   | \$0.00         |                              |
| Structural<br>engineering<br>tower load<br>study for well<br>documented<br>tower | \$12,600.00                    | \$4,000.00        | Catalog cost<br>for Structural<br>engineering<br>tower load<br>study for a<br>well<br>documented<br>tower is<br>\$12,000.<br>Cost shall be<br>divided by 3<br>between the<br>following 3<br>stations that<br>share the<br>main antenna<br>and line:<br>WTEN,<br>WMHT and<br>WCWN. All<br>Phase 4<br>stations. | N/A            | N/A                          |

|  |                |                |  |            |     |
|--|----------------|----------------|--|------------|-----|
| Short Tower<br>(less than<br>500')             | \$84,200.00    | \$26,670.00    | Catalog cost<br>for tower<br>equipment<br>and rigging<br>for a tower<br>less than 500<br>feet s<br>\$80,000.<br>Cost shall be<br>divided by 3<br>between the<br>following 3<br>stations that<br>share the<br>main antenna<br>and line:<br>WTEN,<br>WMHT and<br>WCWN. All<br>Phase 4<br>stations. | N/A        | N/A |
| Minor tower<br>reinforcement<br>/modifications | \$158,000.00   | \$50,000.00    | Catalog cost<br>for Minor<br>tower<br>reinforcement<br>and<br>modifications<br>is \$150,000.<br>Cost shall be<br>divided by 3<br>between the<br>following 3<br>stations that<br>share the<br>main antenna<br>and line:<br>WTEN,<br>WMHT and<br>WCWN. All<br>Phase 4<br>stations.                 | N/A        | N/A |
| <b>Sub-total</b>                               | \$254,800.00   | \$80,670.00    | N/A  | \$0.00     | N/A |
| <b>Total for all<br/>systems</b>               | \$3,381,175.00 | \$2,338,175.00 | N/A  | \$2,100.00 | N/A |

## Components

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 |
|---|-----------------------------|--------------------|------------------------------|-------------------|---------------------------|
| <b>Outside Professional Services</b>  | <b>\$90,380.00</b>          | <b>\$86,750.00</b> |                              | <b>\$2,100.00</b> |                           |
| Additional Field Engineering Service, 9 Days  | <i>\$18,000.00</i>          | \$18,000.00        | N/A                          | N/A               | N/A                       |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application | \$2,365.00                  | \$2,250.00         | N/A                          | N/A               | N/A                       |
| Project management of the transition  | \$47,400.00                 | \$45,000.00        | N/A                          | \$2,100.00        | 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 |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00     | \$5,000.00     | N/A | N/A        | N/A |
| <b>Sub-total</b>   | \$90,380.00    | \$86,750.00    | N/A | \$2,100.00 | N/A |
| <b>Total for all systems</b>   | \$3,381,175.00 | \$2,338,175.00 | N/A | \$2,100.00 | N/A |

## Components

| Actual Information   |                           |
|--|---------------------------|
| Description  | File Name                 |
| Additional Field Engineering Service, 9 Days                                       | Information not provided. |
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application | Information not provided. |

|  |   |
|--|---|
| Project management of the transition   | <p><b>Component Description:</b></p> <p>Osborn time for project management and consultant fee reimbursement (for Kessler &amp; Gehman Associates, their related invoice to Osborn attached)</p> <p><b>Amount:</b></p> <p>\$2,100.00</p> |
| 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.   |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | Information not provided.   |

## Cost Information

### Other Expenses

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

| Description  | Predetermined Cost Estimate | Estimated Cost        | Estimated Cost Justification | Actual Cost       | Actual Cost Justification |
|--|-----------------------------|-----------------------|------------------------------|-------------------|---------------------------|
| <b>Other Expenses</b>  | <b>\$55,050.00</b>          | <b>\$54,500.00</b>    |                              | <b>\$0.00</b>     |                           |
| Non-zoning permits   | <i>\$10,000.00</i>          | \$10,000.00           | N/A                          | N/A               | N/A                       |
| DTV Medical Facility Notification  | \$11,550.00                 | \$11,000.00           | N/A                          | N/A               | N/A                       |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <i>\$9,000.00</i>           | \$9,000.00            | N/A                          | N/A               | N/A                       |
| Equipment Delivery and Handling Charges                                  | <i>\$10,000.00</i>          | \$10,000.00           | N/A                          | N/A               | N/A                       |
| Equipment Storage  | <i>\$9,000.00</i>           | \$9,000.00            | N/A                          | N/A               | N/A                       |
| Develop and air announcement of upcoming channel change                  | <i>\$3,500.00</i>           | \$3,500.00            | N/A                          | N/A               | N/A                       |
| MVPD Notification of Channel Change                                      | <i>\$2,000.00</i>           | \$2,000.00            | N/A                          | N/A               | N/A                       |
| <b>Sub-total</b>   | <b>\$55,050.00</b>          | <b>\$54,500.00</b>    | <b>N/A</b>                   | <b>\$0.00</b>     | <b>N/A</b>                |
| <b>Total for all systems</b>   | <b>\$3,381,175.00</b>       | <b>\$2,338,175.00</b> | <b>N/A</b>                   | <b>\$2,100.00</b> | <b>N/A</b>                |

## Components

Information not provided.

| Cost Information      | Grand Total                 |                |             |
|-----------------------|-----------------------------|----------------|-------------|
|                       | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
| Total for all systems | \$3,381,175.00              | \$2,338,175.00 | \$2,100.00  |

| 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>Elizabeth<br/>Ryder</b><br/><i>General<br/>Counsel</i></p> <p>04/18/2018</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>Elizabeth<br/>Ryder</b><br/><i>General<br/>Counsel</i></p> <p>04/18/2018</p> |

## Attachments