



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **63153** | Service: **DTV** | Call **WCAU** | Channel: **34 (UHF)** |  
ID: | Sign:  
File **0000028212**  
Number:  
FRN: **0019509470** | Date **04/12**  
Submitted: **/2019**

## Applicant Information

### Applicant Name, Type, and Contact Information

| Applicant                                | Address  | Phone                    | Email                             | Applicant Type                  |
|--|--|--------------------------|-----------------------------------|---------------------------------|
| <b>NBC<br/>TELEMUNDO<br/>LICENSE LLC</b> | Margaret L.<br>Tobey<br>300 NEW<br>JERSEY<br>AVENUE, NW<br>SUITE 700<br>WASHINGTON,<br>DC 20001<br>United States | +1 (202)<br>524-<br>6401 | MARGARET.<br>TOBEY@NBCUNI.<br>COM | Limited<br>Liability<br>Company |

## 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>Margaret L<br/>Tobey</b><br><i>NBCUniversal,<br/>LLC</i> | 300 New Jersey Ave.<br>NW<br>Suite 700<br>Washington, DC<br>20001<br>United States | +1 (202) 524-<br>6401 | Margaret.Tobey@nbcuni.<br>com |

**Broadcaster  
Information  
and  
Transition  
Plan**

| Question   | Response  |
|--|---|
| Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information. | Yes   |
| Briefly describe transition plan   | Use existing main transmitter on existing aux antenna. Remove main antenna,. Install new antenna, replace IOT aux with new solid state on new channel for use as main on new antenna. Replace IOT main with solid state as aux and replace aux antenna. |

**Transmitters**

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

**Primary  
Transmitter****Existing Transmitter Information**

| Section                                    | Question   | Response        |
|--|--|-----------------|
| Existing Transmitter Description           | Type of change   | Retune Existing |
|  | Use  | Primary (Main)  |
|  | Ownership  | Owned           |
|  | Owner  | N/A             |
|  | Is this transmitter currently shared with another station? | No              |
|  | Is this transmitter currently in operating condition?      | Yes             |
| Existing Transmitter Manufacturer and Type | Manufacturer   | Comark          |

|                |                          |
|----------------|--------------------------|
| Model          | DCXP-2                   |
| Year           | 2009                     |
| Type           | Inductive<br>Output Tube |
| IOT Power Type | Two                      |
| Power capacity | 55 kW                    |

**Primary  
Transmitter**

**Retuning Transmitter Costs**

| Section                | Question                                       | Response                        |
|------------------------|--|---------------------------------|
| <b>New IOT Tubes</b>   | Number of Tubes (including accessories) needed | 2                               |
| <b>New Mask Filter</b> | Power  | 60 kW                           |
|                        | Other Power                                    | N/A                             |
| <b>New Exciter</b>     | Is a new exciter needed?                       | Yes                             |
|                        | Exciter Type                                   | Dual exciter with<br>changeover |

**Primary  
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)                    | No       |
|                           | Power                                 | N/A      |
|                           | Rigid Conduit and Wiring              | No       |
|                           | Size                                  | N/A      |
|                           | Length                                | N/A      |
|                           | Other Electrical Service              | No       |

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

**Primary  
Transmitter**

**Other Transmitter Cost Not Listed**

Information not provided.

**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  | To maintain<br>coverage<br>when main<br>transmitter<br>or antenna<br>are<br>unavailable |
|   | Ownership   | Owned   |
|   | Owner   | N/A   |
|   | Site  | N/A   |
|   | Is this transmitter currently shared with<br>another station? | No  |
|   | Is this transmitter currently in operating<br>condition?      | Yes   |
| <b>Existing Transmitter<br/>Manufacturer and Type</b> | Manufacturer  |   |
|   | Model   | DCX<br>Millenium  |
|   | Year  | 1998  |
|   | Type  | Inductive<br>Output Tube  |
|   | IOT Power Type  | Two   |
|   | Power Capacity  | 40 kW   |

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

| Section         | Question                                  | Response  |
|-----------------|---|---|
| New Transmitter | Use                                       | Auxiliary<br>(Backup)   |
|                 | Change Type                               | Purchase<br>New   |
|                 | Is this a request for upgraded equipment? | Yes   |
|                 | Manufacturer                              |   |
|                 | Model                                     | THU9-36   |
|                 | Transmitter Type                          | Solid State   |
|                 | Solid State Cooling                       | Liquid<br>Cooled  |
|                 | Solid State Power capacity                | 55 kW   |
|                 | Justification for New Transmitter         | New Solid<br>State<br>transmitter<br>is requested<br>as existing<br>IOT is EOL.<br>A Solid<br>State<br>transmitter<br>is less<br>expensive<br>then a<br>replacement<br>IOT. |

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

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

|  |   |   |
|--|---|---|
|  | Rigid Conduit and Wiring  | No  |
|  | Size  | N/A   |
|  | Length  | N/A   |
|  | Other Electrical Service  | Yes   |
|  | Description   | Contractor estimate on electrical disconnect and reconnect. |
| <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

| Name                                | Description  |
|-------------------------------------|--|
| <b>Transmission Facility Design</b> | Design of floor plan and electrical plans for transmitter room |
| <b>RF System</b>                    | RF System for new transmitter: Filter and Output Switching     |

**Antennas**

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



**Auxiliary  
Antenna****Existing Antenna Information**

| Section   | Question  | Response  |
|---|---|---|
| <b>Existing Antenna<br/>Description</b>           | Type of change  | Purchase<br>New   |
|   | Antenna Use   | Auxiliary<br>(Backup)   |
|   | Description of Use  | To maintain<br>coverage<br>when<br>primary<br>antenna is<br>unavailable |
|   | Ownership   | Owned   |
|   | Owner   | N/A   |
|   | Site  | N/A   |
|   | Is the existing antenna shared with another<br>station or stations? | No  |
|   | Is the existing antenna directional?                                | No  |
|   | Is antenna in operating condition?                                  | Yes   |
|   | Is antenna located on or in close proximity<br>to an antenna farm?  | Yes   |
| <b>Existing Antenna<br/>Manufacturer and Type</b> | Class   | Full Power  |
|   | Mounting  | Top Mount   |
|   | Antenna position in stack   | Not in Stack  |
|   | Polarization  | Elliptical  |
|   | 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>..... | 739.0 kW              |
| Manufacturer                             |                       |
| Model                                    | TFU-24JTH<br>/VP-R O6 |
| Year                                     | 2011                  |

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**Auxiliary  
Antenna****New Antenna Costs**

| Section                                   | Question   | Response   |
|---|--|--|
| <b>New Antenna Description</b>            | Use  | Auxiliary (Backup)   |
|   | Description of Use   | Used to maintain coverage when main antenna is unavailable |
|   | 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? | Yes  |
| <b>New Antenna Manufacturer and Types</b> | Class  | Full Power   |
|   | Mounting   | Side 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>..... | 618.0 kW   |
| Manufacturer                             |  |
| Model                                    | TFU-22JTH<br>/VP-R O6  |
| Year                                     | 2019   |
| Justification for New Antenna            | New<br>antenna<br>required<br>because<br>existing<br>auxiliary is<br>single<br>channel<br>and will not<br>work on<br>new<br>channel<br>(Ch 28) |

## 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<br>inches<br>inches |

|                                 |   |     |
|---------------------------------|---|-----|
| <b>Side Mount Brackets</b>      | Do you require the separate purchase of side mount brackets for a high power antenna?                       | No  |
| <b>Pattern Scatter Analysis</b> | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | No  |
| <b>Sweep Test</b>               | Do you require the sweep testing of transmission line and antenna?  | Yes |

## Auxiliary Antenna

### Other Antenna Cost Not Listed

Information not provided.

**Primary  
Antenna**

**Existing Antenna Information**

| Section   | Question   | Response           |
|---|--|--------------------|
| <b>Existing Antenna<br/>Description</b>           | Type of change   | Purchase<br>New    |
|   | Antenna Use  | Primary<br>(Main)  |
|   | Description of Use   | N/A                |
|   | Ownership  | Owned              |
|   | Owner  | N/A                |
|   | Site   | N/A                |
|   | Is the existing antenna shared with another station or stations? | No                 |
|   | Is the existing antenna directional?                             | No                 |
|   | Is antenna in operating condition?                               | Yes                |
|   | Is antenna located on or in close proximity to an antenna farm?  | Yes                |
| <b>Existing Antenna<br/>Manufacturer and Type</b> | Class  | Full Power         |
|   | Mounting   | Top Mount          |
|   | Antenna position in stack  | Top                |
|   | Polarization   | Elliptical         |
|   | 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>.....                         | 700.0 kW           |
|   |  |                    |

|              |                       |
|--------------|-----------------------|
| Manufacturer |                       |
| Model        | TFU-24ETT<br>/VP-R O6 |
| Year         | 2009                  |

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?                            | 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? | Yes             |
| New Antenna Manufacturer and Types | Class  | Full Power      |
|                                    | Mounting   | Top Mount       |
|                                    | Antenna position in stack  | Top             |
|                                    | 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>.....                             | 618.0 kW        |
|                                    | Manufacturer   |                 |
|                                    |  |                 |



|                               |   |
|-------------------------------|---|
| Model                         | TFU-22JTH<br>/VP-R O6                                 |
| Year                          | 2019  |
| Justification for New Antenna | Existing antenna will not work on new channel (ch 28) |

## Primary Antenna

### Other Antenna Costs

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

**Primary  
Antenna**

**Other Antenna Cost Not Listed**

| Name                          | Description                                 |
|-------------------------------|---|
| Transmission Line accessories | transitions and connectors for installation |

**Transmission Line**

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

**Primary Transmission Line****Existing Transmission Line**

| Section  | Question   | Response          |
|--|--|-------------------|
| Existing Transmission Line Description           | Type of change   | Utilize Existing  |
|  | Use  | Primary (Main)    |
|  | Description of Use   | N/A               |
|  | Ownership  | Owned             |
|  | Owner  | N/A               |
|  | Site   | N/A               |
|  | Is the existing transmission line shared with another station or stations? | No                |
|  | Is Transmission Line in operating condition?                               | Yes               |
| Existing Transmission Line Manufacturer and Type | Manufacturer   | Dielectric        |
|  | Type   | Rigid             |
|  | Diameter   | 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   | 1375 feet per run |

| Primary Transmission Line | Other Transmission Line Expenses Not Listed |
|---------------------------|---|
| Information not provided. |   |

**Auxiliary**      **Existing Transmission Line**  
**Transmission Line**

| Section   | Question   | Response  |
|---|--|---|
| <b>Existing Transmission Line Description</b>           | Type of change   | Purchase New  |
|   | Use  | Auxiliary (Backup)  |
|   | Description of Use   | used to maintain coverage when primary antenna is unavailable |
|   | Ownership  | Owned   |
|   | Owner  | N/A   |
|   | Site   | N/A   |
|   | Is the existing transmission line shared with another station or stations? | No  |
|   | Is Transmission Line in operating condition?                               | Yes   |
| <b>Existing Transmission Line Manufacturer and Type</b> | Manufacturer   |   |
|   | 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   | 1375 feet per run   |

**Auxiliary**      **New Transmission Line**  
**Transmission Line**      **Section**

|                                    | Question                                  | Response  |
|------------------------------------|---|---|
| <b>New Transmission Line Costs</b> | Use                                       | Auxiliary (Backup)  |
|                                    | Description of Use                        | used to maintain coverage when primary antenna is unavailable |
|                                    | 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                            | 20 inches   |
|                                    | Other Segment Length                      | N/A   |
|                                    | Number of parallel runs                   | 1   |
|                                    | Length                                    | 670 feet per run  |
|                                    | Justification for New Transmission Line   | Existing line (19 3/4") will not work on new channel (ch 28)  |

**Auxiliary**      **Other Transmission Line Expenses Not Listed**  
**Transmission Line**      **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      |

**Auxiliary  
Tower**

**Existing Tower**

| Section   | Question  | Response   |
|---|---|--|
| Existing Tower Description                          | Type of change  | Modify Existing  |
|   | Tower Use   | Auxiliary (Backup)   |
|   | Description of Use                                      | used to maintain coverage when main antenna is unavailable |
|   | Ownership   | Owned  |
|   | Is this tower consider Complex?                         | No   |
|   | Is this tower currently shared with any other stations? | No   |
|   | One or more FM, AM or TV radio broadcaster(s)           | N/A  |
|   | Others Types of Users                                   | N/A  |
|   | Is tower documented for structural analysis?            | No   |
|   | Is tower compliant with Rev G?                          | No   |
| Existing Tower Structure Registration               | Do you have a tower registration number?                | Yes  |
|   | ASR Number  | 1025386  |
| Coordinates (NAD83 ( North American Datum of 1983)) | Latitude (NAD83)  | 40° 02' 31.2" N-   |
|   | Longitude (NAD83)                                       | 075° 14' 10.4" W-  |
|   | Overall Structure Height                                | 582.01 feet  |

|  |  |
|--|--|
| Support Structure Height                     | 507.87 feet                              |
| Ground Elevation Above Mean Sea Level (AMSL) | 284.12 feet                              |
| Structure Type                               | TOWER - Free Standing or Guyed Structure |
| Tower Owner                                  | NBC Telemundo License LLC                |
| Date Constructed                             | 07/29/2005                               |

### Auxiliary 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:     | Serious Reinforcements needed     |

### Auxiliary Tower

#### Tower Rigging Costs

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

### Auxiliary Tower

#### Other Tower Expenses Not Listed

Information not provided.



## 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   | Leased  |
|  | Is this tower consider Complex?                         | Candelabra  |
|  | Is this tower currently shared with any other stations? | Yes   |
|  | One or more FM, AM or TV radio broadcaster(s)           | Yes   |
|  | Others Types of Users                                   | No  |
|  | Is tower documented for structural analysis?            | No  |
|  | Is tower compliant with Rev G?                          | No  |
| Existing Tower Structure Registration              | Do you have a tower registration number?                | Yes   |
|  | ASR Number  | 1231524   |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83)  | 40° 02' 30.1" N-  |
|  | Longitude (NAD83)                                       | 075° 14' 10.1" W-   |
|  | Overall Structure Height                                | 1254.91 feet  |
|  | Support Structure Height                                | 1124.00 feet  |
|  | Ground Elevation Above Mean Sea Level (AMSL)            | 292.98 feet   |
|  | Structure Type  | GTOWER -<br>Guyed<br>Structure Used<br>for<br>Communication<br>Purposes |
|  |   |   |

|  |                  |   |
|--|------------------|---|
|  | Tower Owner      | Global Tower, LLC. through American Towers, LLC |
|  | Date Constructed | 11/02/2011                                      |

**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 |
|-------------|-----------|---------|
| 28628       | WIP-FM    | FM      |
| 30572       | WPHI-FM   | FM      |
| 1283        | KJWP      | DTV     |
| 12499       | WPSG      | DTV     |
| 12211       | WPPZ-FM   | FM      |
| 74213       | WXTU      | FM      |
| 28480       | WYBE      | DTV     |
| 65190       | WRTI      | FM      |
| 55305       | WTVE      | DTV     |
| 72278       | WPHA-CD   | DTV     |
| 60560       | WUVP-DT   | DTV     |
| 74216       | WFPA-CD   | DTV     |
| 51434       | WTDY-FM   | FM      |
| 7623        | WGTW-TV   | DTV     |
| 51984       | WPPX-TV   | DTV     |
| 9622        | WOGL      | FM      |

**Primary  
Tower**

**Tower Modification Costs**

| Section              | Question   | Response   |
|----------------------|--|--|
| Engineering Study    | Please what type of engineering study is required, if any: | Study needed for undocumented /poorly 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                     | Candelabra |
| Helicopter Services Required | Are helicopter services required? | No         |

**Primary  
Tower**

**Other Tower Expenses Not Listed**

Information not provided.

**Outside  
Professional Services Costs**

| Section   | Question   | Response  |
|---|--|---|
| <b>Outside Project Management Services</b>        | Do you require outside project management services?                          | Yes   |
|   | Number of Hours  | 1040  |
|   | Explanation  | Project oversight of transmitter install, electrical connectivity, tower work, and antenna installation. Additional time will be spent tracking financial and legal process and coordinating with other broadcasters. |
| <b>Outside RF consulting Engineering Services</b> | Perform engineering study for new channel assignment and antenna development | No  |
|   | Prepare engineering section of Form FCC Construction Permit Application      | No  |
|   | For Auxiliary Facility   | N/A   |
|   | For Main Facility  | N/A   |
|   | Prepare engineering section of Form FCC License to Cover Application         | No  |
|   | For Auxiliary Facility   | N/A   |
|   | For Main Facility  | N/A   |
|   | 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<br/>Outside Consulting<br/>Services</b> | Prepare and file Form FCC Construction Permit Application                                  | Yes                    |
|   | For Auxiliary Facility   | Yes                    |
|   | For Main Facility  | Yes                    |
|   | Prepare and file Form FCC License to Cover Application                                     | Yes                    |
|   | For Auxiliary Facility   | Yes                    |
|   | 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<br/>Services</b>                      | Comprehensive coverage verification via field study  | Yes                    |
|   | RF exposure measurements   | Yes                    |
|   | Additional Field Engineering Service   | Yes                    |
|   | Number of Days   | 40                     |
|   | Justification  | Ground level RF design |

Outside Other Professional Services Expenses Not Listed  
Professional Services Costs  
Services not 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   | 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? | 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 DCXP-2</b>   | <b>\$748,250.00</b>         | <b>\$807,000.00</b>   |                                   | <b>\$0.00</b>      |                           |
| Two IOT system (55 kW)  | \$356,500.00                | \$435,000.00          | see attached proposal from comark | N/A                | N/A                       |
| 2 IOT Tubes   | \$255,000.00                | \$242,000.00          | N/A                               | N/A                | N/A                       |
| 60 kW mask filter   | \$89,400.00                 | \$85,000.00           | N/A                               | N/A                | N/A                       |
| Dual exciter system with change over  | \$47,350.00                 | \$45,000.00           | N/A                               | N/A                | N/A                       |
| <b>Auxiliary Transmitter THU9-36</b>  | <b>\$2,105,634.30</b>       | <b>\$1,609,875.35</b> |                                   | <b>\$85,904.02</b> |                           |
| UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW                                | \$1,788,000.00              | \$1,292,241.05        | N/A                               | N/A                | N/A                       |
| Other Electrical Service: Contractor estimate on electrical disconnect and reconnect. | <i>\$15,000.00</i>          | \$15,000.00           | N/A                               | N/A                | N/A                       |
| Transmission Facility Design  | <i>\$214,534.30</i>         | \$214,534.30          | N/A                               | \$85,904.02        | N/A                       |

|                                  |                    |                |  |              |     |
|----------------------------------|--------------------|----------------|--|--------------|-----|
| RF System                        | <b>\$88,100.00</b> | \$88,100.00    | see<br>attached<br>transmitter<br>proposal | N/A          | N/A |
| <b>Sub-total</b>                 | \$2,853,884.30     | \$2,416,875.35 | N/A  | \$85,904.02  | N/A |
| <b>Total for all<br/>systems</b> | \$5,856,761.30     | \$4,518,964.15 | N/A  | \$412,675.90 | N/A |

## Components

| Actual Information<br>Description  | File Name                 |
|--|---------------------------|
| Two IOT system (55 kW)   | Information not provided. |
| 2 IOT Tubes  | Information not provided. |
| 60 kW mask filter  | Information not provided. |
| Dual exciter system with<br>change over  | Information not provided. |
| UHF - Liquid Cooled Solid<br>State Transmitter 52 - 61 kW                                      | Information not provided. |
| Other Electrical Service:<br>Contractor estimate on<br>electrical disconnect and<br>reconnect. | Information not provided. |

|                              |  |
|------------------------------|--|
| Transmission Facility Design | <div data-bbox="711 174 1362 409"> <p><b>Component Description:</b> Design<br/>Coordination and<br/>Construction<br/>/Permit Set,<br/>Expenses</p> <p><b>Amount:</b> \$61,439.41</p> </div> <div data-bbox="711 510 1362 790"> <p><b>Component Description:</b> Room air-<br/>conditioning<br/>design to support<br/>new transmitter<br/>design; Demo<br/>plans</p> <p><b>Amount:</b> \$68,107.68</p> </div> <div data-bbox="711 891 1305 969"> <p><b>Component Description:</b> Demo Plans</p> <p><b>Amount:</b> \$17,796.34</p> </div> <div data-bbox="711 1070 1369 1305"> <p><b>Component Description:</b> Review<br/>Equipment Data,<br/>Design Team Site<br/>Survey and<br/>Report Brief</p> <p><b>Amount:</b> \$9,307.36</p> </div> |
| RF System                    | 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>Primary Antenna TFU-22JTH/VP-R O6</b>   | <b>\$344,340.00</b>         | <b>\$242,933.00</b> |                              | <b>\$109,319.85</b> |                           |
| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized | \$289,500.00                | \$188,010.00        | N/A                          | \$84,604.50         | N/A                       |
| Elbow complex, single channel, at antenna input, per 6 1 /8. feedline (if needed)                    | \$12,300.00                 | \$12,383.00         | See attached quote           | \$5,572.35          | N/A                       |
| Transmission Line accessories  | <i>\$42,540.00</i>          | \$42,540.00         | Included in antenna proposal | \$19,143.00         | N/A                       |
| <b>Auxiliary Antenna TFU-22JTH/VP-R O6</b>   | <b>\$193,735.00</b>         | <b>\$191,403.00</b> |                              | <b>\$92,038.05</b>  |                           |
| UHF - High Power, Side Mount, basic slot antenna, 618 kW input, elliptically or circularly polarized | <i>\$174,705.00</i>         | \$174,705.00        | N/A                          | \$86,465.70         | N/A                       |

|  |                |                |     |              |     |
|--|----------------|----------------|-----|--------------|-----|
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed) | \$12,300.00    | \$10,298.00    | N/A | \$5,572.35   | N/A |
| Sweep test of existing antenna   | \$6,730.00     | \$6,400.00     | N/A | N/A          | N/A |
| <b>Sub-total</b>   | \$538,075.00   | \$434,336.00   | N/A | \$201,357.90 | N/A |
| <b>Total for all systems</b>   | \$5,856,761.30 | \$4,518,964.15 | N/A | \$412,675.90 | N/A |

## Components

| Actual Information   |   |
|--|---|
| Description  | File Name   |
| UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized | <b>Component Description:</b> See line 1 of invoice<br><b>Amount:</b> \$84,604.50       |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)                     | <b>Component Description:</b> See line 3 of invoice<br><b>Amount:</b> \$5,572.35        |
| Transmission Line accessories  | <b>Component Description:</b> See lines 2, 4-6 of invoice<br><b>Amount:</b> \$19,143.00 |

|  |  |
|--|--|
| UHF - High Power, Side Mount, basic slot antenna, 618 kW input, elliptically or circularly polarized | <p><b>Component Description:</b></p> <p>Updated invoice date. This only accounts for the cost of line item 1 on this invoice.</p> <p><b>Amount:</b></p> <p>\$86,465.70</p> |
| Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)                     | <p><b>Component Description:</b></p> <p>This is only for the cost of line item 2. The elbow complex</p> <p><b>Amount:</b></p> <p>\$5,572.35</p>                            |
| Sweep test of existing antenna   | 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 |
|--|-----------------------------|----------------|------------------------------|--------------|---------------------------|
| Primary Transmission Line                | \$0.00                      | \$0.00         |                              | \$0.00       |                           |
| Auxiliary Transmission Line              | \$135,340.00                | \$103,637.80   |                              | \$59,068.91  |                           |
| Rigid Transmission Line - copper, 6 1/8" | \$135,340.00                | \$103,637.80   | N/A                          | \$59,068.91  | N/A                       |
| Sub-total                                | \$135,340.00                | \$103,637.80   | N/A                          | \$59,068.91  | N/A                       |
| Total for all systems                    | \$5,856,761.30              | \$4,518,964.15 | N/A                          | \$412,675.90 | N/A                       |

Components

| Actual Information                       |  |
|--|--|
| Description                              | File Name  |
| Rigid Transmission Line - copper, 6 1/8" | <div><div>Component Description:</div><div>This accounts for the cost of the transmission line. See line items 3 and 7 on invoice. Note: Line item 7 is miscellaneous equipment that is necessary for the transmission line.</div><div>Amount:</div><div>\$59,068.91</div></div> |

Cost  
Information

Tower Equipment and Rigging Costs

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

| Description  | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification             | Actual Cost | Actual Cost Justification |
|--|-----------------------------|----------------|--|-------------|---------------------------|
| Auxiliary Tower  | \$1,275,100.00              | \$712,000.00   |  | \$6,333.33  |                           |
| Structural engineering tower load study for well documented tower  | \$12,600.00                 | \$12,000.00    | N/A                                      | \$6,333.33  | N/A                       |
| Tall Tower (greater than 500')   | \$210,500.00                | \$200,000.00   | N/A                                      | N/A         | N/A                       |
| Serious tower reinforcement /modifications   | \$1,052,000.00              | \$500,000.00   | N/A                                      | N/A         | N/A                       |
| Primary Tower  | \$605,300.00                | \$464,783.00   |  | \$8,928.00  |                           |
| Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study | \$26,300.00                 | \$14,783.00    | Tower mapping and structural engineering | \$8,928.00  | N/A                       |



|  |                |                |     |              |     |
|--|----------------|----------------|-----|--------------|-----|
| Complex Tower<br>(includes, for example, those with candelabras and/or stacked antennas) | \$421,000.00   | \$400,000.00   | N/A | N/A          | N/A |
| Minor tower reinforcement /modifications   | \$158,000.00   | \$50,000.00    | N/A | N/A          | N/A |
| <b>Sub-total</b>   | \$1,880,400.00 | \$1,176,783.00 | N/A | \$15,261.33  | N/A |
| <b>Total for all systems</b>   | \$5,856,761.30 | \$4,518,964.15 | N/A | \$412,675.90 | N/A |

## Components

| Actual Information  |  |
|---|--|
| Description   | File Name  |
| Structural engineering tower load study for well documented tower | <p><b>Component Description:</b></p> <p>This is just for the cost of the structural engineering tower load study with no tax. It does not include the cost for mapping.<br/>UPDATED INVOICE.</p> <p><b>Amount:</b></p> <p>\$6,333.33</p> |
| Tall Tower (greater than 500')                                    | Information not provided.  |
| Serious tower reinforcement /modifications                        | Information not provided.  |

|  |  |
|--|--|
| <p>Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study</p> | <p><b>Component Description:</b></p> <p>This is just for the cost of the broadcast tower mapping plus tax. It does not include the structural.</p> <p><b>Amount:</b></p> <p>UPDATED INVOICE<br/>\$8,928.00</p> |
| <p>Complex Tower (includes, for example, those with candelabras and/or stacked antennas)</p>                                     | <p>Information not provided.</p>   |
| <p>Minor tower reinforcement /modifications</p>  | <p>Information not provided.</p>   |

## 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>\$326,665.00</b>         | <b>\$272,250.00</b> |                              | <b>\$51,083.74</b> |                           |
| Project management of the transition   | \$164,320.00                | \$156,000.00        | N/A                          | \$44,907.24        | N/A                       |
| Prepare and or review reimbursement form   | \$2,630.00                  | \$2,500.00          | N/A                          | \$648.09           | 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                       |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application             | \$5,260.00                  | \$5,000.00          | N/A                          | \$453.60           | N/A                       |
| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application | \$4,210.00                  | \$4,000.00          | N/A                          | N/A                | N/A                       |

|   |                    |                |     |              |     |
|---|--------------------|----------------|-----|--------------|-----|
| Attorney Fees -<br>Prepare and<br>File FCC Form<br>2100 (main),<br>License to<br>Cover<br>Application | \$2,365.00         | \$2,250.00     | N/A | N/A          | N/A |
| Comprehensive<br>coverage<br>verification via<br>field study, if<br>needed                            | \$84,200.00        | \$40,000.00    | N/A | N/A          | N/A |
| RF Exposure<br>Measurements   | \$21,050.00        | \$20,000.00    | N/A | N/A          | N/A |
| Additional Field<br>Engineering<br>Service, 40<br>Days  | <b>\$40,000.00</b> | \$40,000.00    | N/A | \$5,074.81   | N/A |
| <b>Sub-total</b>  | \$326,665.00       | \$272,250.00   | N/A | \$51,083.74  | N/A |
| <b>Total for all<br/>systems</b>  | \$5,856,761.30     | \$4,518,964.15 | N/A | \$412,675.90 | N/A |

## Components

| Actual Information                   |   |
|--------------------------------------|---|
| Description                          | File Name   |
| Project management of the transition |   |
|                                      | <b>Component Description:</b> Point B Project Management January 2019 |
|                                      | <b>Amount:</b> \$1,950.00   |
|                                      | <b>Component Description:</b> October 2018 Project Management         |
|                                      | <b>Amount:</b> \$1,650.00   |

|                               |                                   |
|-------------------------------|-----------------------------------|
| <b>Component Description:</b> | Project<br>Management<br>Services |
| <b>Amount:</b>                | \$348.95                          |

|                               |                                   |
|-------------------------------|-----------------------------------|
| <b>Component Description:</b> | Project<br>Management<br>Services |
| <b>Amount:</b>                | \$975.00                          |

|                               |   |
|-------------------------------|---|
| <b>Component Description:</b> | Point B project<br>management<br>services for the<br>month of February<br>2019. See line<br>item. |
| <b>Amount:</b>                | \$3,150.00  |

|                               |                                   |
|-------------------------------|-----------------------------------|
| <b>Component Description:</b> | Project<br>Management<br>Services |
| <b>Amount:</b>                | \$2,145.00                        |

|                               |                                 |
|-------------------------------|---------------------------------|
| <b>Component Description:</b> | July 2018 Project<br>Management |
| <b>Amount:</b>                | \$6,905.00                      |

|                               |   |
|-------------------------------|---|
| <b>Component Description:</b> | Project<br>management and<br>expenses, see<br>attachments for<br>expense receipts |
| <b>Amount:</b>                | \$3,356.09  |

|                               |                                      |
|-------------------------------|--------------------------------------|
| <b>Component Description:</b> | August 2018<br>Project<br>Management |
| <b>Amount:</b>                | \$5,215.00                           |

|                               |                                   |
|-------------------------------|-----------------------------------|
| <b>Component Description:</b> | Project<br>Management<br>Services |
| <b>Amount:</b>                | \$4,200.00                        |

|                               |                                      |
|-------------------------------|--------------------------------------|
| <b>Component Description:</b> | August 2018<br>Project<br>Management |
| <b>Amount:</b>                | \$150.00                             |

|                               |                                   |
|-------------------------------|-----------------------------------|
| <b>Component Description:</b> | Project<br>management April<br>18 |
| <b>Amount:</b>                | \$3,024.70                        |

|                               |                                   |
|-------------------------------|-----------------------------------|
| <b>Component Description:</b> | Project<br>Management<br>Services |
| <b>Amount:</b>                | \$1,072.50                        |

|                               |                                 |
|-------------------------------|---------------------------------|
| <b>Component Description:</b> | June 2018 Project<br>Management |
| <b>Amount:</b>                | \$4,750.00                      |

|                               |                                   |
|-------------------------------|-----------------------------------|
| <b>Component Description:</b> | Project<br>Management<br>Services |
| <b>Amount:</b>                | \$1,365.00                        |

|                               |  |
|-------------------------------|--|
| <b>Component Description:</b> | November 2018<br>Project<br>Management |
| <b>Amount:</b>                | \$4,650.00                             |

---

|   |  |                               |   |                |          |                               |  |                |         |                               |                     |                |         |                               |                            |                |          |
|---|--|-------------------------------|---|----------------|----------|-------------------------------|--|----------------|---------|-------------------------------|---------------------|----------------|---------|-------------------------------|----------------------------|----------------|----------|
| <p>Prepare and or review reimbursement form</p>   | <table> <tr> <td data-bbox="708 174 1015 208"><b>Component Description:</b></td><td data-bbox="1150 174 1355 282">See lines 2-4 of invoice, less 10% vendor discount.</td></tr> <tr> <td data-bbox="708 297 815 331"><b>Amount:</b></td><td data-bbox="1150 297 1246 331">\$371.79</td></tr> <tr> <td data-bbox="708 436 1015 470"><b>Component Description:</b></td><td data-bbox="1150 436 1334 501">Review of Form 399</td></tr> <tr> <td data-bbox="708 517 815 551"><b>Amount:</b></td><td data-bbox="1150 517 1230 551">\$43.65</td></tr> <tr> <td data-bbox="708 656 1015 689"><b>Component Description:</b></td><td data-bbox="1150 656 1334 721">Review of Form 399.</td></tr> <tr> <td data-bbox="708 736 815 770"><b>Amount:</b></td><td data-bbox="1150 736 1230 770">\$43.65</td></tr> <tr> <td data-bbox="708 875 1015 909"><b>Component Description:</b></td><td data-bbox="1150 875 1370 940">Amendment of 399 estimates</td></tr> <tr> <td data-bbox="708 956 815 990"><b>Amount:</b></td><td data-bbox="1150 956 1246 990">\$189.00</td></tr> </table> | <b>Component Description:</b> | See lines 2-4 of invoice, less 10% vendor discount. | <b>Amount:</b> | \$371.79 | <b>Component Description:</b> | Review of Form 399   | <b>Amount:</b> | \$43.65 | <b>Component Description:</b> | Review of Form 399. | <b>Amount:</b> | \$43.65 | <b>Component Description:</b> | Amendment of 399 estimates | <b>Amount:</b> | \$189.00 |
| <b>Component Description:</b>   | See lines 2-4 of invoice, less 10% vendor discount.  |                               |   |                |          |                               |  |                |         |                               |                     |                |         |                               |                            |                |          |
| <b>Amount:</b>  | \$371.79   |                               |   |                |          |                               |  |                |         |                               |                     |                |         |                               |                            |                |          |
| <b>Component Description:</b>   | Review of Form 399   |                               |   |                |          |                               |  |                |         |                               |                     |                |         |                               |                            |                |          |
| <b>Amount:</b>  | \$43.65  |                               |   |                |          |                               |  |                |         |                               |                     |                |         |                               |                            |                |          |
| <b>Component Description:</b>   | Review of Form 399.  |                               |   |                |          |                               |  |                |         |                               |                     |                |         |                               |                            |                |          |
| <b>Amount:</b>  | \$43.65  |                               |   |                |          |                               |  |                |         |                               |                     |                |         |                               |                            |                |          |
| <b>Component Description:</b>   | Amendment of 399 estimates   |                               |   |                |          |                               |  |                |         |                               |                     |                |         |                               |                            |                |          |
| <b>Amount:</b>  | \$189.00   |                               |   |                |          |                               |  |                |         |                               |                     |                |         |                               |                            |                |          |
| <p>Address transition timing and coordination issues w/ other stations and wireless</p>                   | <p>Information not provided.</p>   |                               |   |                |          |                               |  |                |         |                               |                     |                |         |                               |                            |                |          |
| <p>Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application</p>             | <table> <tr> <td data-bbox="708 1272 1015 1305"><b>Component Description:</b></td><td data-bbox="1150 1272 1315 1379">Preparation of minor change application</td></tr> <tr> <td data-bbox="708 1395 815 1429"><b>Amount:</b></td><td data-bbox="1150 1395 1246 1429">\$415.80</td></tr> <tr> <td data-bbox="708 1534 1015 1568"><b>Component Description:</b></td><td data-bbox="1150 1534 1345 1762">Preparation of minor change application, see line 1 of invoice less 10% vendor discount.</td></tr> <tr> <td data-bbox="708 1778 815 1812"><b>Amount:</b></td><td data-bbox="1150 1778 1230 1812">\$37.80</td></tr> </table>   | <b>Component Description:</b> | Preparation of minor change application             | <b>Amount:</b> | \$415.80 | <b>Component Description:</b> | Preparation of minor change application, see line 1 of invoice less 10% vendor discount. | <b>Amount:</b> | \$37.80 |                               |                     |                |         |                               |                            |                |          |
| <b>Component Description:</b>   | Preparation of minor change application  |                               |   |                |          |                               |  |                |         |                               |                     |                |         |                               |                            |                |          |
| <b>Amount:</b>  | \$415.80   |                               |   |                |          |                               |  |                |         |                               |                     |                |         |                               |                            |                |          |
| <b>Component Description:</b>   | Preparation of minor change application, see line 1 of invoice less 10% vendor discount.   |                               |   |                |          |                               |  |                |         |                               |                     |                |         |                               |                            |                |          |
| <b>Amount:</b>  | \$37.80  |                               |   |                |          |                               |  |                |         |                               |                     |                |         |                               |                            |                |          |
| <p>Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application</p> | <p>Information not provided.</p>   |                               |   |                |          |                               |  |                |         |                               |                     |                |         |                               |                            |                |          |

|  |  |
|--|--|
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application | Information not provided.  |
| Comprehensive coverage verification via field study, if needed                     | Information not provided.  |
| RF Exposure Measurements   | Information not provided.  |
| Additional Field Engineering Service, 40 Days                                      | <div> <div> <b>Component Description:</b> </div> <div> Engineering Site Survey, see attached site survey report for supporting documentation. </div> </div> <div> <div> <b>Amount:</b> </div> <div> \$5,074.81 </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>\$122,397.00</b>         | <b>\$115,082.00</b> |                              | <b>\$0.00</b> |                           |
| MVPD Notification of Channel Change                       | <i>\$12,000.00</i>          | \$12,000.00         | N/A                          | N/A           | N/A                       |
| Develop and air announcement of upcoming channel change   | <i>\$30,000.00</i>          | \$30,000.00         | N/A                          | N/A           | N/A                       |
| Equipment Storage   | <i>\$10,000.00</i>          | \$10,000.00         | N/A                          | N/A           | N/A                       |
| DTV Medical Facility Notification                         | \$11,550.00                 | \$4,250.00          | 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                       |
| FCC Filing Fees - Special Temporary Authorization request | \$195.00                    | \$190.00            | N/A                          | N/A           | N/A                       |

|  |                    |                |   |              |     |
|--|--------------------|----------------|---|--------------|-----|
| Local Zoning   | <b>\$10,817.00</b> | \$10,817.00    | \$4,700 to prepare tower documents<br>\$4,700 to prepare ground documents<br>\$750 permit application<br>\$667 public hearing | N/A          | N/A |
| Non-zoning permits   | <b>\$2,500.00</b>  | \$2,500.00     | N/A   | N/A          | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <b>\$25,000.00</b> | \$25,000.00    | N/A   | N/A          | N/A |
| Equipment Delivery and Handling Charges                                  | <b>\$20,000.00</b> | \$20,000.00    | N/A   | N/A          | N/A |
| <b>Sub-total</b>   | \$122,397.00       | \$115,082.00   | N/A   | \$0.00       | N/A |
| <b>Total for all systems</b>   | \$5,856,761.30     | \$4,518,964.15 | N/A   | \$412,675.90 | N/A |

## Components

Information not provided.

|                         |                              |                                    |                       |
|-------------------------|------------------------------|------------------------------------|-----------------------|
| <b>Cost Information</b> | <b>Grand Total</b>           |                                    |                       |
|                         |                              | <b>Predetermined Cost Estimate</b> | <b>Estimated Cost</b> |
|                         |                              |                                    | <b>Actual Cost</b>    |
|                         | <b>Total for all systems</b> | \$5,856,761.30                     | \$4,518,964.15        |
|                         |                              |                                    | \$412,675.90          |

|                             |  |                 |
|-----------------------------|--|-----------------|
| <b>Reimbursement Status</b> | <b>Question</b>  | <b>Response</b> |
|                             | 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>Margaret L Tobey</b><br/> <i>Assistant Secretary</i></p> <p>04/12/2019</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>Margaret L Tobey</b><br/> <i>Assistant Secretary</i></p> <p>04/12/2019</p> |

## Attachments