

(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility 54385 Service: DTV Call WDEF-TV Channel:

ID: Sign: **8 (High VHF)** File **0000028097** 

Number:

FRN: **0015347529** Date **02/07** 

Submitted: /2018

# Applicant Information

#### **Applicant Name, Type, and Contact Information**

| Applicant                                      | Address   | Phone                | Email                     | Applicant<br>Type |
|--|---|----------------------|---------------------------|-------------------|
| WDEF-TV, INC. Doing Business As: WDEF-TV, INC. | Bobby Berry 301 Poplar Street Macon, GA 31201 United States | +1 (478)<br>745-4141 | bberry@morrisnetwork. com | Corporation       |

# Reimbursement Contact Name and Information Reimbursement Contact Information

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

#### Preparer Contact Information

#### **Preparer Contact Name and Information**

| Applicant  | Address   | Phone                 | Email               |
|--|---|-----------------------|---------------------|
| Ray Luke Project Manager Custom Specialty Services, Inc. | Ray Luke<br>17363 Carlton Cuebas<br>Road<br>Gulfport, MS 39503<br>United States | +1 (228) 297-<br>2500 | ray.css@att.<br>net |

## Broadcaster Information and Transition Plan

| Question   | Response   |
|--|--|
| Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information. | No   |
| Briefly describe transition plan   | WDEF-TV plans to replace its existing antenna and transmitter with new one that will accommodate its new channel. In the interim, it will connect its existing backup antenna for interim use. |

# **Transmitters**

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

# Auxiliary Transmitter

# **Add Transmitter Information**

| Section                          | Question   | Response  |
|----------------------------------|--|---|
| Existing Transmitter Description | Type of change   | Purchase<br>New   |
|                                  | Use  | Auxiliary<br>(Backup)   |
|                                  | Description of Use   | use as backup for main when main transmitter is down for repairs or maintance |
|                                  | Ownership  | Owned   |
|                                  | Owner  | N/A   |
|                                  | Site   | N/A   |
|                                  | Is this transmitter currently shared with another station? | No  |
|                                  | Is this transmitter currently in operating condition?      | Yes   |
| Existing Transmitter             | Manufacturer   |   |
| Manufacturer and Type            | Model  | HTEL<br>1000CD  |
|                                  | Year   | 2007  |
|                                  | Туре   | Solid State   |
|                                  | Solid State Cooling  | Air Cooled  |
|                                  | Solid State Power Capacity                                 | 1 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? | No  |
|                 | Manufacturer                              |   |
|                 | Model                                     | VAXTE-<br>2R44  |
|                 | Transmitter Type                          | Solid State   |
|                 | Solid State Cooling                       | Air Cooled  |
|                 | Solid State Power capacity                | 1.2 kW  |
|                 | Justification for New Transmitter         | old<br>transmitter<br>is not<br>supported<br>and cannot<br>be re-tuned. |

# Auxiliary Transmitter

## **Other Transmitter Costs**

| Section            | Question                              | Response   |
|--------------------|---------------------------------------|------------|
| Electrical Service | Service Entrance (3 phases 800A 208V) | No         |
|                    | Switchgear (industrial 800 amp)       | No         |
|                    | Transformer (480V)                    | Yes        |
|                    | Power                                 | 150 kVA    |
|                    | Rigid Conduit and Wiring              | Yes        |
|                    | Size                                  | 3 inches   |
|                    | Length                                | 175.0 feet |
|                    | Other Electrical Service              | No         |

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

Auxiliary

**Other Transmitter Cost Not Listed** 

Transmitter Information not provided.

# Primary Transmitter

# **Existing Transmitter Information**

| Section                          | Question   | Response          |
|----------------------------------|--|-------------------|
| Existing Transmitter Description | Type of change   | Purchase<br>New   |
|                                  | Use  | Primary<br>(Main) |
|                                  | Description of Use   | N/A               |
|                                  | Ownership  | Owned             |
|                                  | Owner  | N/A               |
|                                  | Site   | N/A               |
|                                  | Is this transmitter currently shared with another station? | No                |
|                                  | Is this transmitter currently in operating condition?      | Yes               |
| Existing Transmitter             | Manufacturer   |                   |
| Manufacturer and Type            | Model  | PTCD10P1I         |
|                                  | Year   | 2007              |
|                                  | Туре   | Solid State       |
|                                  | Solid State Cooling  | Liquid<br>Cooled  |
|                                  | Solid State Power Capacity                                 | 4 kW              |

# Primary Transmitter

## **New Transmitter Costs**

| Section         | Question                                  | Response  |
|-----------------|---|---|
| New Transmitter | Use                                       | Primary<br>(Main)   |
|                 | Change Type                               | Purchase<br>New   |
|                 | Is this a request for upgraded equipment? | No  |
|                 | Manufacturer                              |   |
|                 | Model                                     | VAXTE-<br>6R44  |
|                 | Transmitter Type                          | Solid State   |
|                 | Solid State Cooling                       | Air Cooled  |
|                 | Solid State Power capacity                | 6.5 kW  |
|                 | Justification for New Transmitter         | Old<br>transmitter<br>is not<br>supported<br>and cannot<br>be re-tuned<br>to new<br>channel |

# Primary Transmitter

#### **Other Transmitter Costs**

| Section            | Question                              | Response   |
|--------------------|---------------------------------------|------------|
| Electrical Service | Service Entrance (3 phases 800A 208V) | Yes        |
|                    | Switchgear (industrial 800 amp)       | Yes        |
|                    | Transformer (480V)                    | Yes        |
|                    | Power                                 | 150 kVA    |
|                    | Rigid Conduit and Wiring              | Yes        |
|                    | Size                                  | 3 inches   |
|                    | Length                                | 175.0 feet |

|   | Other Electrical Service   | No              |
|---|--|-----------------|
|   | Description  | N/A             |
| HVAC Service  | Does the replacement transmitter require HVAC Service?                                       | Yes             |
|   | Туре   | Cooling<br>Only |
|   | Size   | 10 tons         |
|   | Other Size   | N/A             |
| Transmitter Building Addition/Modification or Leasehold Improvement | Does the Transmitter Building require an addition, modification, other leashold improvement? | No              |
|   | Size   | N/A             |
| Channel 14 Costs  | Is an RF Consulting Engineer needed?   | N/A             |
|   | Is a channel 14 Mask Filer needed?   | N/A             |
|   | Is additional field engineering time needed?   | N/A             |
|   | Number of Days   | N/A             |

# Primary Transmitter

# **Other Transmitter Cost Not Listed**

| Name           | Description  |
|----------------|--|
| PSIP Generator | needed to generate psip for new transmitter                            |
| site survey    | site survey by Gates/air to provide electrical drawings and floor plan |

#### **Antennas**

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

## **Add Antenna Information**

| Section                      | Question  | Response  |
|------------------------------|---|---|
| Existing Antenna Description | Type of change  | Purchase<br>New   |
|                              | Antenna Use   | Auxiliary<br>(Backup)   |
|                              | Description of Use  | back up antenna use when main system is down for maintance and repairs, will also be used for interim |
|                              | Ownership   | Owned   |
|                              | Owner   | N/A   |
|                              | Site  | N/A   |
|                              | Is this antenna currently shared with any other stations?       | No  |
|                              | Is this antenna directional?                                    | No  |
|                              | Is antenna in operating condition?                              | Yes   |
|                              | Is antenna located on or in close proximity to an antenna farm? | No  |
| Existing Antenna             | Class   | Full Power  |
| Manufacturer and Type        | Mounting  | Top Mount   |
|                              | Antenna position in stack                                       | Not in Stack  |
|                              | Polarization  | Horizontal  |
|                              | Туре  | Slotted<br>Coaxial  |
|                              | Number of Stations Supported                                    | N/A   |
|                              | Number of Panels  | N/A   |

| Design power capacity in use    | N/A    |
|---------------------------------|--------|
| Lower Limit                     | N/A    |
| Upper Limit                     | N/A    |
| Other Antenna Type              | N/A    |
| ERP: (Effective Radiated Power) | 4.0 kW |
| Manufacturer                    |        |
| Model                           | TLS-V4 |
| Year                            | 2008   |

## **New Antenna Costs**

| Section                 | Question   | Response  |
|-------------------------|--|---|
| New Antenna Description | Use  | Auxiliary<br>(Backup)   |
|                         | Description of Use   | backup antenna will be used when main is down for maintance and repairs. will also be used as interim |
|                         | Change Type  | Purchase<br>New   |
|                         | Is this a request for upgraded equipment?                            | No  |
|                         | Ownership  | Owned   |
|                         | Owner  | N/A   |
|                         | Is antenna shared?   | No  |
|                         | Is antenna directional?  | No  |
|                         | Will antenna be located on or in close proximity to an antenna farm? | No  |
| New Antenna             | Class  | Full Power  |
| Manufacturer and Types  | Mounting   | Side Mount  |
|                         | Antenna position in stack  | Not in Stack  |
|                         | Polarization   | Horizontal  |
|                         | Туре   | Slotted<br>Coaxial  |
|                         | Number of Stations Supported   | N/A   |
|                         | Number of Panels/Bays  | N/A   |
|                         | Lower Limit  | N/A   |
|                         | Upper Limit  | N/A   |

| Design power capacity in use    | N/A  |
|---------------------------------|--|
| Other Antenna Type              | N/A  |
| ERP: (Effective Radiated Power) | 4.0 kW   |
| Manufacturer                    |  |
| Model                           | TLS -v4  |
| Year                            | 2018   |
| Justification for New Antenna   | old antenna<br>cannot be<br>re-turned to<br>new<br>channel |

## **Other Antenna Costs**

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

| Sweep Test | Do you require the sweep testing of | Yes |
|------------|-------------------------------------|-----|
|            | transmission line and antenna?      |     |

**Other Antenna Cost Not Listed** 

Information not provided.

# **Existing Antenna Information**

| Section                      | Question   | Response          |
|------------------------------|--|-------------------|
| Existing Antenna Description | Type of change   | Purchase<br>New   |
|                              | Antenna Use  | Primary<br>(Main) |
|                              | Description of Use   | N/A               |
|                              | Ownership  | Owned             |
|                              | Owner  | N/A               |
|                              | Site   | N/A               |
|                              | Is the existing antenna shared with another station or stations? | 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?  | No                |
| Existing Antenna             | Class  | Full Power        |
| Manufacturer and Type        | Mounting   | Top Mount         |
|                              | Antenna position in stack  | Not in Stack      |
|                              | Polarization   | Horizontal        |
|                              | Туре   | Other             |
|                              | 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   | Traveling wave    |
|                              | ERP: (Effective Radiated Power)                                  | 26.0 kW           |

| Manufacturer |           |
|--------------|-----------|
| Model        | TW-9A12-F |
| Year         | 1966      |

## **New Antenna Costs**

| Section                 | Question   | Response          |
|-------------------------|--|-------------------|
| New Antenna Description | Use  | Primary<br>(Main) |
|                         | Description of Use   | N/A               |
|                         | Change Type  | Purchase<br>New   |
|                         | Is this a request for upgraded equipment?                            | No                |
|                         | Ownership  | Owned             |
|                         | Owner  | N/A               |
|                         | Is antenna shared?   | No                |
|                         | Is antenna directional?  | No                |
|                         | Will antenna be located on or in close proximity to an antenna farm? | No<br>Full Power  |
| New Antenna             | Class  | Full Power        |
| Manufacturer and Types  | Mounting   | Top Mount         |
|                         | Antenna position in stack  | Not in Stack      |
|                         | Polarization   | Horizontal        |
|                         | Туре   | Other             |
|                         | 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   | traveling<br>wave |
|                         | ERP: (Effective Radiated Power)                                      | 26.0 kW           |
|                         | Manufacturer   |                   |
|                         |  |                   |

| Model                         | THV-9A8-R<br>04                                 |
|-------------------------------|---|
| Year                          | 2018  |
| Justification for New Antenna | Old antenna can not be re-tuned to new channel. |

## **Other Antenna Costs**

| Section                        | Question  | Response            |
|--------------------------------|---|---------------------|
| Combiner for Shared<br>Antenna | Do you need a Combiner for a Shared Antenna?  | No                  |
|                                | Туре  |                     |
|                                | Number of channels supported  | N/A                 |
|                                | Frequencies of channels supported   | N/A                 |
|                                | Frequency   | N/A                 |
|                                | Do you need a combiner output splitter /switcher for dual feed lines?                                       | N/A                 |
| Elbow Complex                  | Do you require the separate purchase of the Elbow Complex?  | Yes                 |
|                                | Broadband or Single Channel?  | Single<br>Channel   |
|                                | Feed Line Size  | 3 1/8 inches inches |
| Side Mount Brackets            | Do you require the separate purchase of side mount brackets for a high power antenna?                       | No                  |
| Pattern Scatter Analysis       | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | Yes                 |
| Sweep Test                     | Do you require the sweep testing of transmission line and antenna?  | Yes                 |

**Other Antenna Cost Not Listed** 

Information not provided.

| Transmission | effien                                | Question  | Response |
|--------------|---------------------------------------|---|----------|
|              | Transmission Line<br>Related Expenses | Do you have transmission line related expenses? | No       |

Tower
Equipment
And
Rigging
Costs

| Section                                     | Question  | Response |
|---|---|----------|
| Tower Equipment or<br>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<br>Existing     |
|   | Tower Use   | Primary<br>(Main)      |
|   | Description of Use                                      | N/A                    |
|   | Ownership   | Owned                  |
|   | Is this tower consider Complex?                         | Terrain<br>Constrained |
|   | 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                        | Do you have a tower registration number?                | Yes                    |
| Registration                                    | ASR Number  | 1043736                |
| Coordinates (NAD83 (<br>North American Datum of | Latitude (NAD83)  | 35° 08'<br>06.0" N-    |
| 1983))  |   |                        |

| Longitude (NAD83)                            | 085° 19'<br>25.0" W-                                 |
|--|--|
| Overall Structure Height                     | 639.76 feet  |
| Support Structure Height                     | 570.86 feet  |
| Ground Elevation Above Mean Sea Level (AMSL) | 1907.79 feet   |
| Structure Type                               | TOWER -<br>Free<br>Standing or<br>Guyed<br>Structure |
| Tower Owner                                  | WDEF-TV,<br>Inc.                                     |
| Date Constructed                             | 01/01/1966   |

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 |
|-------------|-----------|---------|
| 57827       | WDEF-FM   | FM      |

## Primary Tower

#### **Tower Modification Costs**

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

# Primary Tower

# **Tower Rigging Costs**

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

# Primary Tower

# **Other Tower Expenses Not Listed**

Information not provided.

# Outside Professional

| Section  | Question   | Response   |
|--|--|--|
| Services Costs<br>Outside Project<br>Management Services | Do you require outside project management services?                          | Yes  |
|  | Number of Hours  | 1255   |
|  | Explanation  | Station is one of a group of co-owned stations, all of which are subject to repack. There is no group director of engineering and station has only IT engineer on staff. Co-ordination is needed for entire groups transition in different phases. |
| Outside RF consulting<br>Engineering Services            | Perform engineering study for new channel assignment and antenna development | Yes  |
|  | Prepare engineering section of Form FCC Construction Permit Application      | Yes  |
|  | For Auxiliary Facility   | No   |
|  | For Main Facility  | Yes  |
|  | Prepare engineering section of Form FCC License to Cover Application         | Yes  |
|  | For Auxiliary Facility   | No   |
|  | For Main Facility  | Yes  |
|  | Prepare request for Special Temporary Authority                              | Yes  |

|                                       | Quantity   | 1   |
|---------------------------------------|--|-----|
|                                       | Do you have Distributed Transmission System engineering services?                          | N/A |
|                                       | Critical Facility  | N/A |
|                                       | Terrain-Shielded Facility  | N/A |
| Attorney and Other Outside Consulting | Prepare and file Form FCC Construction Permit Application                                  | Yes |
| Services                              | For Auxiliary Facility   | No  |
|                                       | For Main Facility  | Yes |
|                                       | Prepare and file Form FCC License to Cover Application                                     | Yes |
|                                       | For Auxiliary Facility   | No  |
|                                       | For Main Facility  | Yes |
|                                       | Prepare request for Special Temporary Authority  | Yes |
|                                       | Quantity   | 1   |
|                                       | NEPA Section 106 environmental review  | No  |
|                                       | Environmental Assessment   | No  |
|                                       | ASR Modification   | 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 | No  |
| RF Field Engineering<br>Services      | Comprehensive coverage verification via field study  | Yes |
|                                       | RF exposure measurements   | Yes |
|                                       | Additional Field Engineering Service   | No  |

| Number of Days | N/A |
|----------------|-----|
| Justification  | N/A |

Outside
Professional Services Expenses Not Listed
Professional Services ©pstsided.

# Other Expenses

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

Other Expenses Not Listed

**Expenses** 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 |
|--|-----------------------------|----------------|------------------------------|-------------|---------------------------|
| Primary<br>Transmitter<br>VAXTE-6R44                                       | \$489,490.00                | \$466,715.00   |                              | \$58,037.58 |                           |
| site survey  | \$17,340.00                 | \$17,340.00    | N/A                          | N/A         | N/A                       |
| 10 Ton<br>system   | \$38,900.00                 | \$37,000.00    | N/A                          | N/A         | N/A                       |
| 3" Rigid<br>Conduit and<br>Wiring<br>(Cost per<br>foot)                    | \$9,100.00                  | \$8,575.00     | N/A                          | N/A         | N/A                       |
| Transformer<br>3 phase<br>/480v - 150<br>KVA                               | \$25,550.00                 | \$24,300.00    | N/A                          | N/A         | N/A                       |
| Switchgear<br>- industrial<br>800 amp                                      | \$38,200.00                 | \$36,300.00    | N/A                          | N/A         | N/A                       |
| Service<br>entrance 3<br>phase/800<br>amp/208<br>volt                      | \$14,400.00                 | \$13,700.00    | N/A                          | N/A         | N/A                       |
| High VHF -<br>Air Cooled<br>Solid State<br>Transmitter<br>6.5 . 12.5<br>kW | \$331,500.00                | \$315,000.00   | N/A                          | \$58,037.58 | N/A                       |
| PSIP<br>Generator  | \$14,500.00                 | \$14,500.00    | N/A                          | N/A         | N/A                       |

| Auxiliary Transmitter VAXTE-2R44         \$187,150.00         \$177,875.00         \$29,971.47           High VHF - Air Cooled Solid State Transmitter 1.1 . 4.4 kW         \$152,500.00         \$145,000.00         N/A         \$29,971.47         N/A           3" Rigid Conduit and Wiring (Cost per foot)         \$9,100.00         \$8,575.00         N/A         N/A         N/A           Transformer 3 phase /480v - 150 KVA         \$25,550.00         \$24,300.00         N/A         N/A         N/A           Sub-total         \$676,640.00         \$644,590.00         N/A         \$163,380.55         N/A           Total for all systems         \$2,047,170.00         \$1,855,975.00         N/A         \$163,380.55         N/A |  |                |                |     |              |     |
|---|--|----------------|----------------|-----|--------------|-----|
| Air Cooled Solid State Transmitter 1.1 . 4.4 kW  3" Rigid \$9,100.00 \$8,575.00 N/A N/A N/A Conduit and Wiring (Cost per foot)  Transformer \$25,550.00 \$24,300.00 N/A N/A N/A N/A Sphase /480v - 150 KVA  Sub-total \$676,640.00 \$644,590.00 N/A \$88,009.05 N/A Total for all \$2,047,170.00 \$1,855,975.00 N/A \$163,380.55 N/A  | Transmitter                              | \$187,150.00   | \$177,875.00   |     | \$29,971.47  |     |
| Conduit and Wiring (Cost per foot)  Transformer \$25,550.00 \$24,300.00 N/A N/A N/A N/A 3 phase /480v - 150 KVA  Sub-total \$676,640.00 \$644,590.00 N/A \$88,009.05 N/A Total for all \$2,047,170.00 \$1,855,975.00 N/A \$163,380.55 N/A   | Air Cooled<br>Solid State<br>Transmitter | \$152,500.00   | \$145,000.00   | N/A | \$29,971.47  | N/A |
| 3 phase /480v - 150 KVA <b>Sub-total</b> \$676,640.00 \$644,590.00 N/A \$88,009.05 N/A <b>Total for all</b> \$2,047,170.00 \$1,855,975.00 N/A \$163,380.55 N/A  | Conduit and<br>Wiring<br>(Cost per       | \$9,100.00     | \$8,575.00     | N/A | N/A          | N/A |
| <b>Total for all</b> \$2,047,170.00 \$1,855,975.00 N/A \$163,380.55 N/A   | 3 phase<br>/480v - 150                   | \$25,550.00    | \$24,300.00    | N/A | N/A          | N/A |
|   | Sub-total                                | \$676,640.00   | \$644,590.00   | N/A | \$88,009.05  | N/A |
|   |  | \$2,047,170.00 | \$1,855,975.00 | N/A | \$163,380.55 | N/A |

# Components

| Actual Information Description              | File Name                 |
|---|---------------------------|
| site survey                                 | Information not provided. |
| 10 Ton system                               | Information not provided. |
| 3" Rigid Conduit and Wiring (Cost per foot) | Information not provided. |
| Transformer 3 phase/480v - 150 KVA          | Information not provided. |
| Switchgear - industrial 800 amp             | Information not provided. |
| Service entrance 3 phase /800 amp/208 volt  | Information not provided. |

| High VHF - Air Cooled Solid<br>State Transmitter 6.5 . 12.5<br>kW | Component Description:    | gates quote Q-<br>62747 main<br>transmitter   |
|---|---------------------------|---|
|   | Amount:                   | N/A   |
|   | Component Description:    | 1/3 down<br>payment of main<br>transmitter    |
|   | Amount:                   | invoice total<br>\$58,037.58                  |
| PSIP Generator  | Information not provided. |   |
| High VHF - Air Cooled Solid<br>State Transmitter 1.1 . 4.4 kW     | Component Description:    | 1/3 down<br>payment gates                     |
|   | Amount:                   | backup transmitter<br>\$29,971.47             |
|   | Component Description:    | Gates quote Q-<br>62748 backup<br>transmitter |
|   | Amount:                   | N/A   |
| 3" Rigid Conduit and Wiring (Cost per foot)                       | Information not provided. |   |
| Transformer 3 phase/480v -  | 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<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification | Actual Cost | Actual Cost<br>Justification |
|--|--------------------------------|-------------------|------------------------------------|-------------|------------------------------|
| Primary<br>Antenna<br>THV-9A8-R<br>04  | \$319,590.00                   | \$318,800.00      |                                    | \$0.00      |                              |
| Pattern<br>scatter<br>analysis for<br>side mount<br>high/med<br>power<br>antennas<br>(if not<br>included in<br>antenna<br>base cost) | \$5,260.00                     | \$5,000.00        | N/A                                | N/A         | N/A                          |
| Elbow<br>complex,<br>single<br>channel, at<br>antenna<br>input, per 3<br>1/8.<br>feedline (if<br>needed)                             | \$7,600.00                     | \$7,400.00        | N/A                                | N/A         | N/A                          |
| Sweep test of existing antenna   | \$6,730.00                     | \$6,400.00        | N/A                                | N/A         | N/A                          |
| High VHF -<br>High<br>Power Top<br>Mount One<br>Station<br>horizontally<br>polarized   | \$300,000.00                   | \$300,000.00      | N/A                                | N/A         | N/A                          |
| Auxiliary<br>Antenna<br>TLS -v4  | \$66,730.00                    | \$66,400.00       |                                    | \$0.00      |                              |

| Sweep test<br>of existing<br>antenna                                | \$6,730.00     | \$6,400.00     | N/A | N/A          | N/A |
|---|----------------|----------------|-----|--------------|-----|
| High VHF - High Power Side Mount One Station horizontally polarized | \$60,000.00    | \$60,000.00    | N/A | N/A          | N/A |
| Sub-total   | \$386,320.00   | \$385,200.00   | N/A | \$0.00       | N/A |
| Total for<br>all<br>systems   | \$2,047,170.00 | \$1,855,975.00 | N/A | \$163,380.55 | N/A |

## Components

Information not provided.

#### **Transmission Line**

# Cost Information

**Information** 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 Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification |              | Actual Cost<br>Justification |
|--|-----------------------------|-------------------|------------------------------------|--------------|------------------------------|
| Primary Tower TOWER  | \$605,300.00                | \$495,000.00      |                                    | \$70,219.00  |                              |
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas)                                      | \$421,000.00                | \$320,000.00      | N/A                                | \$70,219.00  | N/A                          |
| Minor tower reinforcement /modifications   | \$158,000.00                | \$150,000.00      | N/A                                | N/A          | N/A                          |
| Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study | \$26,300.00                 | \$25,000.00       | N/A                                | N/A          | N/A                          |
| Sub-total  | \$605,300.00                | \$495,000.00      | N/A                                | \$70,219.00  | N/A                          |
| Total for all systems  | \$2,047,170.00              | \$1,855,975.00    | N/A                                | \$163,380.55 | N/A                          |

## Components

| Actual Information Description  | File Name                      |   |
|---|--------------------------------|---|
| Complex Tower (includes, for example, those with candelabras and/or stacked antennas)                                     | Component Description: Amount: | proposal for<br>WDEF antennas<br>install<br>N/A |
|   | Component Description: Amount: | Deposit to start<br>tower work<br>\$70,219.00   |
| Minor tower reinforcement /modifications  | Information not provided.      |   |
| Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study | 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<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification | Actual Cost | Actual Cost |
|--|--------------------------------|-------------------|------------------------------------|-------------|-------------|
| Outside<br>Professional<br>Services  | \$331,620.00                   | \$284,500.00      |                                    | \$5,152.50  |             |
| RF Exposure<br>Measurements  | \$21,050.00                    | \$20,000.00       | N/A                                | N/A         | N/A         |
| Comprehensive<br>coverage<br>verification via<br>field study, if<br>needed             | \$84,200.00                    | \$50,000.00       | N/A                                | N/A         | N/A         |
| Attorney Fees - Prepare and File request for Special Temporary Authorization           | \$3,680.00                     | \$3,500.00        | N/A                                | N/A         | N/A         |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application    | \$2,365.00                     | \$2,250.00        | N/A                                | N/A         | N/A         |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00                     | \$5,000.00        | N/A                                | \$562.50    | N/A         |
| Prepare<br>request for<br>Special<br>Temporary<br>Authorization                        | \$2,050.00                     | \$1,500.00        | N/A                                | N/A         | N/A         |

| Total for all systems  | \$2,047,170.00 | \$1,855,975.00 | N/A | \$163,380.55 | N/A |
|--|----------------|----------------|-----|--------------|-----|
| Sub-total  | \$331,620.00   | \$284,500.00   | N/A | \$5,152.50   | N/A |
| Project<br>management of<br>the transition   | \$198,290.00   | \$188,250.00   | N/A | \$4,050.00   | N/A |
| Prepare and or review reimbursement form   | \$2,630.00     | \$2,500.00     | N/A | \$540.00     | 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 |

# Components

| Actual Information Description                                 | File Name                 |
|--|---------------------------|
| RF Exposure<br>Measurements                                    | Information not provided. |
| Comprehensive coverage verification via field study, if needed | Information not provided. |

| Information not provided.       |  |
|---------------------------------|--|
| Information not provided.       |  |
| Component Description:  Amount: | Drafted Form 2100<br>application for<br>construction permit<br>for repack channel<br>\$112.50  |
| Component Description:  Amount: | Assisted in preparation and filing of Form 2100 application for construction permit for repack channel \$450.00                          |
| Information not provided.       |  |
| Information not provided.       |  |
| Information not provided.       |  |
|                                 |  |
|                                 | Information not provided.  Component Description:  Component Description:  Amount:  Information not provided.  Information not provided. |

| Prepare and or review     |  |                     |
|---------------------------|--|---------------------|
| eimbursement form         | Component Description:   | Prepared and        |
|                           |  | submitted to FCC    |
|                           |  | information         |
|                           |  | necessary for       |
|                           |  | payment of          |
|                           |  | reimbursement       |
|                           |  | amounts             |
|                           | Amount:  | \$202.50            |
|                           |  |                     |
|                           | Component Description:   | Assisted in         |
|                           |  | preparation,        |
|                           |  | review, and         |
|                           |  | transmittal of Form |
|                           |  | 1876 necessary for  |
|                           |  | cost                |
|                           |  | reimbursement and   |
|                           |  | cost of transmittal |
|                           | Amount:  | \$239.99            |
|                           | Component Description:   | Assisted in         |
|                           |  | preparation, review |
|                           |  | and filing of       |
|                           |  | Schedule 399        |
|                           | Amount:  | \$337.50            |
| Project management of the |  |                     |
| ransition                 | Component Description:   | CSS JAN. 2018       |
|                           |  | Invoice for project |
|                           |  | management hours    |
|                           | Amount:  | \$1,462.50          |
|                           |  | Ψ1,102.00           |
|                           | Component Description:   | CSS OCT. 2017       |
|                           |  | invoice for project |
|                           |  | management hours    |
|                           | The state of the s | -                   |

Amount:

\$2,587.50

# **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<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification | Actual Cost | Actual Cost<br>Justification |
|--|--------------------------------|-------------------|------------------------------------|-------------|------------------------------|
| Other<br>Expenses  | \$47,290.00                    | \$46,685.00       |                                    | \$0.00      |                              |
| MVPD<br>Notification of<br>Channel<br>Change                             | \$300.00                       | \$300.00          | N/A                                | N/A         | N/A                          |
| Develop and air announcement of upcoming channel change                  | \$300.00                       | \$300.00          | N/A                                | N/A         | N/A                          |
| Equipment Delivery and Handling Charges                                  | \$19,500.00                    | \$19,500.00       | N/A                                | N/A         | N/A                          |
| Disposal Costs (for equipment and other waste, net of any salvage value) | \$11,000.00                    | \$11,000.00       | N/A                                | N/A         | N/A                          |
| Local Zoning   | \$1,000.00                     | \$1,000.00        | N/A                                | N/A         | N/A                          |
| FCC Filing Fees - Form 2100 minor change CP application                  | \$1,110.00                     | \$1,070.00        | 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 |
|---|----------------|----------------|-----|--------------|-----|
| Non-zoning permits  | \$2,000.00     | \$2,000.00     | N/A | N/A          | N/A |
| DTV Medical<br>Facility<br>Notification                   | \$11,550.00    | \$11,000.00    | N/A | N/A          | N/A |
| Sub-total   | \$47,290.00    | \$46,685.00    | N/A | \$0.00       | N/A |
| Total for all systems                                     | \$2,047,170.00 | \$1,855,975.00 | N/A | \$163,380.55 | N/A |

# Components

Information not provided.

# Cost Information

## **Grand Total**

|                       | Predetermined<br>Cost Estimate | Estimated Cost | Actual Cost  |
|-----------------------|--------------------------------|----------------|--------------|
| Total for all systems | \$2,047,170.00                 | \$1,855,975.00 | \$163,380.55 |

| Reimbursem | envestiatus  | Response |
|------------|--|----------|
|            | The facility has ceased operating on its pre-<br>auction channel.  | No       |
|            | Construction of final facilities or all necessary modifications are complete.  | No       |
|            | All receipts for reimbursement have been 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       |

Section Question Response

# Submission of Estimated Expenses Statements

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.

- 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.
- 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.
- 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.

- 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.

8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. Bobby
Berry
Chief
Operating
Officer

02/07/2018

Section Question Response

# Submission of Actual Cost Documentation Statements

WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISIONMENT (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).

- 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.
- The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.
- The above-named entity acknowledges that all certifications and attached documentation are considered material representations.

- 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.

- 8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
- 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.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. Bobby
Berry
Chief
Operating
Officer

02/07/2018

#### **Attachments**