

(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility 63901 Service: DCA Call WYKE-CD Channel: 24 (UHF)

ID: Sign: File **0000027424** 

Number:

FRN: **0005935499** Date **09/06** 

Submitted: /2018

# Applicant Information

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

| Applicant  | Address   | Phone                       | Email                       | Applicant<br>Type |
|--|---|-----------------------------|-----------------------------|-------------------|
| CITRUS COUNTY ASSOCIATION FOR RETARDED CITIZENS, INC Doing Business As: CITRUS COUNTY ASSOCIATION FOR RETARDED CITIZENS, INC | Melissa Walker 5399 W. GULF TO LAKE HIGHWAY LECANTO, FL 34461 United States | +1<br>(352)<br>795-<br>5541 | kcenter@TAMPABAY.<br>RR.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                        |
|--|--|----------------------|------------------------------|
| Robert Gehman ConsultingEngineer Kessler and Gehman Associates, Inc. | Robert Gehman<br>507 NW 60<br>Street<br>Suite D<br>Gainesville, FL<br>32607<br>United States | +1 (352)<br>332-3157 | bob@kesslerandgehman.<br>com |

#### Broadcaster Information and Transition Plan

| Question   | Response   |
|--|--|
| Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information. | No   |
| Briefly describe transition plan   | Re-channel or replace transmitter and replace antenna, using existing transmission line. Rent or purchase an interim antenna and line for use during antenna replacement and duration of assigned phase. |

#### **Transmitters**

| rs | 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   | 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  | 41D1653G1         |
|                                  | Year   | 2007              |
|                                  | Туре   | Solid State       |
|                                  | Solid State Cooling  | Air Cooled        |
|                                  | Solid State Power Capacity                                 | 1 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                                     | TBD  |
|                 | Transmitter Type                          | Solid State  |
|                 | Solid State Cooling                       | Air Cooled   |
|                 | Solid State Power capacity                | 1 kW   |
|                 | Justification for New Transmitter         | The manufacturer of the existing transmitter is out of business and it is not known if the transmitter can be retuned to the assigned channel. See attachment. |

### Primary Transmitter

#### **Other Transmitter Costs**

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

|   | Rigid Conduit and Wiring   | Yes        |
|---|--|------------|
|   | Size   | 2 inches   |
|   | Length   | 100.0 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        |
|   |  |            |

### Primary Transmitter

#### **Other Transmitter Cost Not Listed**

| Name                          | Description  |
|-------------------------------|--|
| Additional Interior RF System | Interior RF System Existing Transmitter to Interim Transmission line |

#### **Antennas**

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

#### Primary Antenna

#### **Existing Antenna Information**

| Section                      | Question   | Response           |
|------------------------------|--|--------------------|
| Existing Antenna 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?                             | Yes                |
|                              | Is antenna in operating condition?                               | Yes                |
|                              | Is antenna located on or in close proximity to an antenna farm?  | No                 |
| Existing Antenna             | Class  | Class A            |
| Manufacturer and Type        | 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   | 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)                                  | 15.0 kW            |

| Manufacturer |                  |
|--------------|------------------|
| Model        | CS-2030-F-<br>16 |
| Year         | 2005             |

#### Primary Antenna

#### **New Antenna Costs**

| Section                    | Question   | Response           |
|----------------------------|--|--------------------|
| New Antenna<br>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?  | Yes                |
|                            | Will antenna be located on or in close proximity to an antenna farm? | No                 |
| New Antenna                | Class  | Class A            |
| 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)                                      | 9.45 kW            |
|                            | Manufacturer   |                    |
|                            | Model  | TBD                |
|                            | Year   | 2018               |

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

#### Primary Antenna

#### **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?                       | Yes                 |
| 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 transmission line and antenna?  | Yes                 |

Other Antenna Cost Not Listed

Primary
Antenna Other Antenna Cost
Information not provided.

#### Interim Antenna

#### **New Antenna Costs**

| Section                 | Question   | Response           |
|-------------------------|--|--------------------|
| New Antenna Description | Use  | Interim            |
|                         | Description of Use   | N/A                |
|                         | Change Type  | Purchase<br>New    |
|                         | Ownership  | Owned              |
|                         | Owner  | N/A                |
|                         | Is antenna shared?   | No                 |
|                         | Is antenna directional?  | Yes                |
|                         | Will antenna be located on or in close proximity to an antenna farm? | No                 |
| New Antenna             | Class  | Class A            |
| Manufacturer and Type   | Mounting   | Side Moun          |
|                         | Antenna position in stack  | Not in Stac        |
|                         | 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)                                      | 15.0 kW            |
|                         | Manufacturer   |                    |
|                         | Model  | TBD                |
|                         | Year   | 2018               |

| Justification for New Antenna | An interim   |
|-------------------------------|--------------|
|                               | antenna is   |
|                               | necessary    |
|                               | to keep      |
|                               | station on   |
|                               | the air      |
|                               | during       |
|                               | primary      |
|                               | antenna      |
|                               | replacement  |
|                               | and for the  |
|                               | duration of  |
|                               | the          |
|                               | assigned     |
|                               | phase.       |
|                               | Station will |
|                               | attempt to   |
|                               | rent if      |
|                               | renting is   |
|                               | available at |
|                               | time of      |
|                               | acquisition. |

#### Interim Antenna

#### **Other Antenna Costs**

| Section                  | Question  | Response |
|--------------------------|---|----------|
| 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 an antenna?                                 | Yes      |
| 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 transmission line and antenna?  | Yes      |

#### Interim Antenna

**Other Antenna Cost Not Listed** 

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

### Primary Transmissio

# **Existing Transmission Line**

| Line<br>Section                                  | Question   | Response            |
|--|--|---------------------|
| Existing Transmission Line Description           | Type of change   | Utilize<br>Existing |
|  | Use  | Primary<br>(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   | ERI                 |
|  | Туре   | Flexible A          |
|  | Diameter   | 3 inches            |
|  | Other Diameter   | N/A                 |
|  | Segment Length   | N/A                 |
|  | Other Segment Length   | N/A                 |
|  | Number of parallel runs  | 1                   |
|  | Length   | 290 feet            |

#### **Primary**

### Other Transmission Line Expenses Not Listed

| Transmission | n <sub>laine</sub> | Description                                |
|--------------|--------------------|--|
|              | Sweep Tests        | Sweep to confirm line for assigned channel |

### Interim

#### **New Transmission Line**

| Interim      |                                |                         |                  |
|--------------|--------------------------------|-------------------------|------------------|
| Transmission | n Section                      | Question                | Response         |
|              | New Transmission Line<br>Costs | Use                     | Interim          |
|              |                                | Description of Use      | N/A              |
|              |                                | Change Type             | Purchase<br>New  |
|              |                                | Туре                    | Flexible<br>Foam |
|              |                                | Diameter                | 1 5/8 inches     |
|              |                                | Segment Length          | N/A              |
|              |                                | Other Segment Length    |                  |
|              |                                | Number of parallel runs | 1                |
|              |                                | Length                  | 190 feet per     |

Justification for New Transmission Line An interim transmission line is necessary for the interim antenna to keep station on the air during primary antenna replacement and for the duration of the assigned phase. Station will attempt to rent if renting is available at

time of acquisition.

# Other Transmission Line Expenses Not Listed Interim Transmission Line Expenses Not Listed Interim Interior Not provided.

# 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?                         | 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                            | Do you have a tower registration number?                | Yes                  |
| Registration  | ASR Number  | 1245964              |
| Coordinates (NAD83 ( North American Datum of 1983)) | Latitude (NAD83)  | 28° 53'<br>02.2" N-  |
|   | Longitude (NAD83)                                       | 082° 31'<br>20.1" W- |
|   | Overall Structure Height                                | 294.94 feet          |
|   | Support Structure Height                                | 291.01 feet          |
|   | Ground Elevation Above Mean Sea Level (AMSL)            | 59.05 feet           |

| Structure Type   | TOWER - Free Standing or Guyed Structure             |
|------------------|--|
| Tower Owner      | Citrus County Association for Retarded Citizens, Inc |
| Date Constructed | 03/02/2005   |

#### 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:     | Major<br>Reinforcements<br>needed                                     |

#### Primary Tower

## **Tower Rigging Costs**

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

#### Primary Tower

#### Other Tower Expenses Not Listed

Outside Professional

| Section  | Question   | Response  |
|--|--|---|
| Services Costs<br>Outside Project<br>Management Services | Do you require outside project management services?                          | Yes   |
|  | Number of Hours  | 100   |
|  | Explanation  | Fewer Project Management "PM" tasks are required & Other Engineering Services "OES" are required, therefore the PM total has been reduced to 100 hrs (\$15,000 at \$150/hr), & a new OES category has been created & funded with the money removed from PM. |
| 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 Services | 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 | Yes |
| RF Field Engineering<br>Services               | Comprehensive coverage verification via field study  | No  |
|  |  |     |

| RF exposure measurements             | No  |
|--------------------------------------|---|
| Additional Field Engineering Service | Yes   |
| Number of Days                       | 21  |
| Justification                        | It will be necessary to survey the site, plan the equipment, develop specifications for purchasing, and oversee multiple vendor RF projects. Station does not have available personnel or personnel trained in such services. |

#### Outside Professional

### Other Professional Services Expenses Not Listed

| al Services Costs          | Description   |
|----------------------------|---|
| Other Engineering Services | Fewer Project Management "PM" tasks are required & Other Engineering Services "OES" are required, therefore the PM total has been reduced to 100 hrs (\$15,000 at \$150/hr), & a new OES category has been created & funded with the money removed from PM. |

# 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   | No       |
|                                 | Non-zoning permits   | No       |
|                                 | BLM or NFS Coordination  | No       |
|                                 | FCC Construction Permit Minor Change   | No       |
|                                 | FCC License to Cover Application   | No       |
|                                 | FCC Special Temporary Authority Application  | No       |
| Other Miscellaneous<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

### Other Expenses Not Listed

| Name           | Description   |  |
|----------------|---|--|
| Line of Credit | On March 15, 2018 WYKE procured a \$225,000.00 Line of Credit to temporarily cover its DTV Repack expenses until reimbursements are received from the TV Broadcaster Relocation Fund Administrator. |  |

# **Cost** Information

#### **Transmitters**

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

| Description Primary   | Predetermined<br>Cost Estimate<br>\$216,800.00 | Estimated<br>Cost<br>\$208,800.00 | Estimated<br>Cost<br>Justification | Actual Cost<br>\$80,837.70 | Actual Cost<br>Justification                            |
|---|--|-----------------------------------|------------------------------------|----------------------------|---|
| Transmitter<br>TBD  |  |                                   |                                    |                            |   |
| UHF - Air<br>Cooled<br>Solid State<br>Transmitter<br>1 - 2.5 kW | \$126,000.00                                   | \$120,000.00                      | N/A                                | \$80,837.70                | GatesAir UAXTE- 2R37 solid state air cooled transmitter |
| Switchgear -<br>industrial<br>800 amp                           | \$38,200.00                                    | \$36,300.00                       | N/A                                | N/A                        | N/A   |
| 2" Rigid<br>Conduit and<br>Wiring (Cost<br>per foot)            | \$2,600.00                                     | \$2,500.00                        | N/A                                | N/A                        | N/A   |
| Additional<br>Interior RF<br>System                             | \$50,000.00                                    | \$50,000.00                       | N/A                                | N/A                        | N/A   |
| Sub-total   | \$216,800.00                                   | \$208,800.00                      | N/A                                | \$80,837.70                | N/A   |
| Total for all systems   | \$978,630.00                                   | \$950,820.00                      | N/A                                | \$105,380.13               | N/A   |

#### Components

| <b>Actual Information</b> |           |  |
|---------------------------|-----------|--|
| Description               | File Name |  |

| UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW |                           |                       |
|---|---------------------------|-----------------------|
| Transmitter 1 - 2.5 kvv                             | Component Description:    | Balance Due for       |
|   |                           | new Transmitter,      |
|   |                           | Filter, Installation, |
|   |                           | Electrical and        |
|   |                           | Freight               |
|   | Amount:                   | \$40,418.85           |
|   | Component Description:    | GA-00024917           |
|   |                           | Down Payment          |
|   |                           | Invoice for New       |
|   |                           | transmitter           |
|   | Amount:                   | \$40,418.85           |
| Switchgear - industrial 800<br>amp                  | Information not provided. |                       |
| 2" Rigid Conduit and Wiring<br>(Cost per foot)      | Information not provided. |                       |
|   |                           |                       |

# **Cost Information**

#### **Antennas**

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

|  |                             |                   | Estimated             |             |                              |
|--|-----------------------------|-------------------|-----------------------|-------------|------------------------------|
| Description  | Predetermined Cost Estimate | Estimated<br>Cost | Cost<br>Justification | Actual Cost | Actual Cost<br>Justification |
| Interim<br>Antenna TBD   | \$33,030.00                 | \$31,400.00       |                       | \$0.00      |                              |
| UHF - Lower Power Side Mount, Class A One Station antenna basic  | \$26,300.00                 | \$25,000.00       | N/A                   | N/A         | N/A                          |
| Sweep test of existing antenna   | \$6,730.00                  | \$6,400.00        | N/A                   | N/A         | N/A                          |
| Primary<br>Antenna TBD   | \$40,630.00                 | \$38,800.00       |                       | \$0.00      |                              |
| Elbow<br>complex,<br>single<br>channel, at<br>antenna<br>input, per 3 1<br>/8. feedline<br>(if 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                          |
| UHF -<br>Lower<br>Power Side<br>Mount,<br>Class A One<br>Station<br>antenna<br>basic                   | \$26,300.00                 | \$25,000.00       | N/A                   | N/A         | N/A                          |
| Sub-total  | \$73,660.00                 | \$70,200.00       | N/A                   | \$0.00      | N/A                          |

| Total for all | \$978,630.00 | \$950,820.00 | N/A | \$105,380.13 | N/A |
|---------------|--------------|--------------|-----|--------------|-----|
| systems       |              |              |     |              |     |

#### Components

# **Cost** Information

#### **Transmission Line**

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

| Description   | Predetermined<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification | Actual Cost  | Actual Cost<br>Justification |
|---|--------------------------------|-------------------|------------------------------------|--------------|------------------------------|
| Interim<br>Transmission<br>Line                       | \$4,560.00                     | \$4,370.00        |                                    | \$0.00       |                              |
| Flexible Foam Transmission Line - dielectric, 1 5 /8" | \$4,560.00                     | \$4,370.00        | N/A                                | N/A          | N/A                          |
| Primary<br>Transmission<br>Line                       | \$6,400.00                     | \$6,400.00        |                                    | \$0.00       |                              |
| Sweep Tests   | \$6,400.00                     | \$6,400.00        | N/A                                | N/A          | N/A                          |
| Sub-total   | \$10,960.00                    | \$10,770.00       | N/A                                | \$0.00       | N/A                          |
| Total for all systems                                 | \$978,630.00                   | \$950,820.00      | N/A                                | \$105,380.13 | N/A                          |

#### Components

# **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 Primary Tower TOWER  | Predetermined<br>Cost Estimate<br>\$531,500.00 | Estimated<br>Cost<br>\$505,000.00 | Estimated<br>Cost<br>Justification | Actual Cost<br>\$0.00 | Actual Cost<br>Justification |
|--|--|-----------------------------------|------------------------------------|-----------------------|------------------------------|
| 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                          |
| Major tower reinforcement /modifications   | \$421,000.00                                   | \$400,000.00                      | N/A                                | N/A                   | N/A                          |
| Short Tower<br>(less than 500')  | \$84,200.00                                    | \$80,000.00                       | N/A                                | N/A                   | N/A                          |
| Sub-total  | \$531,500.00                                   | \$505,000.00                      | N/A                                | \$0.00                | N/A                          |
| Total for all systems  | \$978,630.00                                   | \$950,820.00                      | N/A                                | \$105,380.13          | N/A                          |

#### Components

# **Cost Information**

#### **Outside Professional Services**

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

|   |                             |                | Estimated   |             |                           |
|---|-----------------------------|----------------|---|-------------|---------------------------|
| Description                                   | Predetermined Cost Estimate | Estimated Cost | Cost<br>Justification   | Actual Cost | Actual Cost Justification |
| Outside<br>Professional<br>Services           | \$102,160.00                | \$113,050.00   |   | \$20,919.43 |                           |
| Other<br>Engineering<br>Services              | \$13,650.00                 | \$13,650.00    | Fewer Project Management "PM" tasks are required & Other Engineering Services "OES" are required, therefore the PM total has been reduced to 100 hrs (\$15,000 at \$150/hr), & a new OES category has been created & funded with the money removed from PM. | \$1,087.50  | N/A                       |
| Project<br>management<br>of the transition    | \$15,800.00                 | \$28,650.00    | N/A   | \$2,865.00  | N/A                       |
| Additional Field Engineering Service, 21 Days | \$42,000.00                 | \$42,000.00    | N/A   | \$4,466.93  | N/A                       |

| Attorney Fees - Prepare and File request for Special Temporary Authorization                       | \$3,680.00 | \$3,500.00 | N/A | N/A        | N/A |
|--|------------|------------|-----|------------|-----|
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application                  | \$1,580.00 | \$1,500.00 | N/A | N/A        | N/A |
| Prepare request for Special Temporary Authorization  | \$2,050.00 | \$1,500.00 | N/A | N/A        | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application             | \$5,260.00 | \$5,000.00 | N/A | 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 |
| Prepare and or review reimbursement form   | \$2,630.00 | \$2,500.00 | N/A | \$2,500.00 | N/A |
| Address<br>transition<br>timing and<br>coordination<br>issues w/<br>other stations<br>and wireless | \$2,630.00 | \$2,500.00 | N/A | N/A        | N/A |

| Perform engineering study for new channel assignment and antenna development         | \$7,360.00   | \$7,000.00   | N/A | \$7,000.00   | Versions 1<br>and 2 of<br>inv #345-<br>47 were<br>rejected<br>and are no<br>longer<br>applicable. |
|--|--------------|--------------|-----|--------------|---|
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00   | \$3,000.00   | N/A | \$3,000.00   | Versions 1 and 2 of inv #345- 47 were rejected and are no longer applicable.                      |
| Sub-total  | \$102,160.00 | \$113,050.00 | N/A | \$20,919.43  | N/A   |
| Total for all systems  | \$978,630.00 | \$950,820.00 | N/A | \$105,380.13 | N/A   |

### Components

| Actual Information Description       | File Name              |  |
|--------------------------------------|------------------------|--|
| Other Engineering Services           |                        |  |
|                                      | Component Description: | WYKE KGA inv<br>#345-56 FCC audit<br>attendance by KGA<br>UL20180906jgv1 |
|                                      | Amount:                | \$1,087.50   |
| Project management of the transition | Component Description: | Inv: WYKE 2017Q4   |
|                                      | Component Booonpalen.  | 387 UL20180321   |
|                                      | Amount:                | \$225.00   |
|                                      | Component Description: | WYKE KGA inv<br>#345-58 2018Q2<br>387                                    |
|                                      | Amount:                | UL20180906jgv1<br>\$150.00   |
|                                      |                        |  |

Component Description: WYKE KGA inv

#345-55 2018Q1

387

UL20180906jgv1

**Amount:** \$225.00

Component Description: WYKE KGA inv

#345-57 Actual Cost 180322 to

180425

UL20180906jgv1

**Amount:** \$1,365.00

Component Description: Inv: WYKE 2017Q3

387 UL20180321

**Amount:** \$300.00

Component Description: Inv: WYKE 399 AC

UL20180406jg

**Amount:** \$300.00

Component Description: Inv: WYKE Form

399 Actual Cost

submittals UL20180321

**Amount:** \$300.00

Component Description: Inv 345-49 WYKE

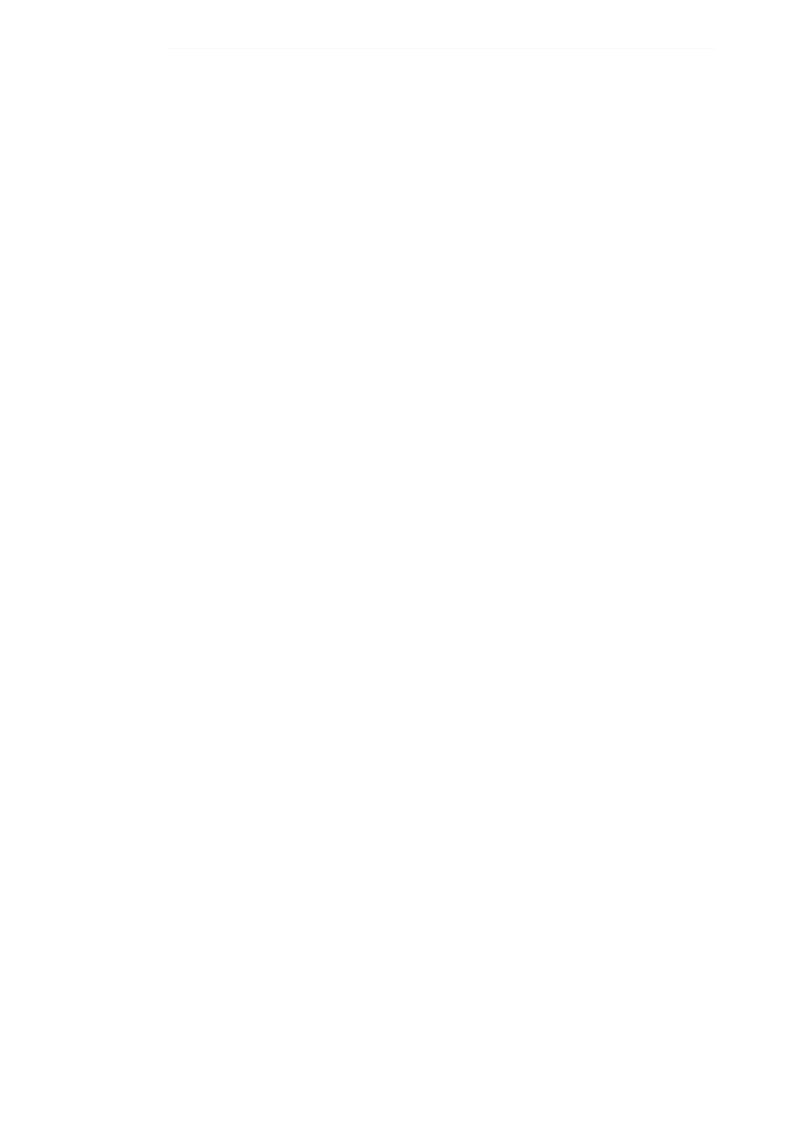
399 AC

UL20180619jg v3

**Amount:** \$300.00

| Engineering Service, 21<br>Days   | Component Description:    | Inv 345-46 WYKE<br>Site survey & prelim<br>RF system design<br>UL20180425jg v4 |
|---|---------------------------|--|
|   | Amount:                   | \$4,466.93   |
|   | Component Description:    | Inv 345-46 WYKE<br>Site survey & prelim<br>RF system design<br>UL20180411jg v3 |
|   | Amount:                   | \$4,466.93   |
| Attorney Fees - Prepare<br>and File request for<br>Special Temporary<br>Authorization           | Information not provided. |  |
| Prepare engineering<br>section of FCC Form 2100<br>(main), License to Cover<br>Application      | Information not provided. |  |
| Prepare request for<br>Special Temporary<br>Authorization                                       | Information not provided. |  |
| Attorney Fees - Prepare<br>and File FCC Form 2100<br>(main), Construction<br>Permit Application | Information not provided. |  |
| Attorney Fees -Prepare<br>and File FCC Form 2100<br>(main), License to Cover<br>Application     | Information not provided. |  |

| Prepare and or review   |                               |                           |
|---|-------------------------------|---------------------------|
| reimbursement form  | <b>Component Description:</b> | Inv: WYKE Prepare         |
|   |                               | review 399                |
|   |                               | UL20180406jg              |
|   | Amount:                       | \$2,500.00                |
|   | Component Description         | Inv 345-45 WYKE           |
|   | Component Description:        | Prepare review 399        |
|   |                               | UL20180425jg v2           |
|   | Amount:                       | \$2,500.00                |
|   | Amount.                       | Ψ2,000.00                 |
| Address transition timing and coordination issues w/other stations and wireless | Information not provided.     |                           |
| Perform engineering study   |                               |                           |
| for new channel assignment and antenna  | Component Description:        | Inv 345-47 WYKE           |
| development   |                               | Perform                   |
| development   |                               | engineering study         |
|   |                               | for new channel           |
|   |                               | assignment and            |
|   |                               | antenna                   |
|   |                               | development               |
|   |                               | UL20180508jg v3           |
|   | Amount:                       | \$7,000.00                |
|   | Component Description:        | Inv 345-47 WYKE           |
|   | Component Description.        | new ch assign &           |
|   |                               | ant devel                 |
|   |                               | UL20180425jg v2           |
|   | Amount:                       | \$7,000.00                |
| Prepare engineering   |                               |                           |
| section of FCC Form 2100  | Component Description         | Inv 245 47 MM/VF          |
| (main), Construction  | Component Description:        | Inv 345-47 WYKE           |
| Permit Application  |                               | CP app<br>UL20180425jg v2 |
|   | Amount:                       | \$3,000.00                |
|   | Allount.                      | ψο,υυυ.υυ                 |
|   | Component Description:        | Inv 345-47 WYKE           |
|   |                               | CP app                    |
|   |                               | UL20180508jg v3           |
|   | Amount:                       | \$3,000.00                |
|   |                               | +-,>                      |



# **Cost Information**

#### **Other Expenses**

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

| Description  | Predetermined Cost Estimate | Estimated<br>Cost | Estimated Cost<br>Justification | Actual Cost | Actual Cost<br>Justification |
|--|-----------------------------|-------------------|---------------------------------|-------------|------------------------------|
| Other<br>Expenses  | \$43,550.00                 | \$43,000.00       |                                 | \$3,623.00  |                              |
| MVPD<br>Notification of<br>Channel<br>Change                             | \$2,000.00                  | \$2,000.00        | N/A                             | N/A         | N/A                          |
| Develop and air announcement of upcoming channel change                  | \$0.00                      | \$0.00            | N/A                             | N/A         | N/A                          |
| Equipment Delivery and Handling Charges                                  | \$20,000.00                 | \$20,000.00       | N/A                             | N/A         | N/A                          |
| Disposal Costs (for equipment and other waste, net of any salvage value) | \$5,000.00                  | \$5,000.00        | N/A                             | N/A         | N/A                          |
| DTV Medical<br>Facility<br>Notification                                  | \$11,550.00                 | \$11,000.00       | N/A                             | N/A         | N/A                          |

| Line of Credit        | \$5,000.00   | \$5,000.00   | On 3/15/18<br>WYKE | \$3,623.00   | N/A |
|-----------------------|--------------|--------------|--------------------|--------------|-----|
|                       |              |              | procured a         |              |     |
|                       |              |              | \$225,000 Line     |              |     |
|                       |              |              | of Credit to       |              |     |
|                       |              |              | temporarily        |              |     |
|                       |              |              | cover its DTV      |              |     |
|                       |              |              | Repack             |              |     |
|                       |              |              | expenses until     |              |     |
|                       |              |              | reimbursements     |              |     |
|                       |              |              | are received       |              |     |
|                       |              |              | from the TV        |              |     |
|                       |              |              | Broadcaster        |              |     |
|                       |              |              | Relocation         |              |     |
|                       |              |              | Fund               |              |     |
|                       |              |              | Administrator.     |              |     |
|                       |              |              | The total Line     |              |     |
|                       |              |              | of Credit fee is   |              |     |
|                       |              |              | not anticipated    |              |     |
|                       |              |              | to exceed          |              |     |
|                       |              |              | \$5,000.00         |              |     |
| Sub-total             | \$43,550.00  | \$43,000.00  | N/A                | \$3,623.00   | N/A |
| Total for all systems | \$978,630.00 | \$950,820.00 | N/A                | \$105,380.13 | N/A |

### Components

| Actual Information Description   | File Name                 |
|--|---------------------------|
| MVPD Notification of Channel Change                                      | Information not provided. |
| Develop and air announcement of upcoming channel change                  | Information not provided. |
| Equipment Delivery and Handling Charges                                  | Information not provided. |
| Disposal Costs (for equipment and other waste, net of any salvage value) | Information not provided. |
| DTV Medical Facility<br>Notification                                     | Information not provided. |

| Line of Credit |                        |                 |
|----------------|------------------------|-----------------|
|                | Component Description: | Inv 70000102676 |
|                |                        | WYKE Repack     |
|                |                        | Line of Credit  |
|                |                        | UL20180412jg v2 |
|                | Amount:                | \$3,623.00      |
|                |                        |                 |

# Cost Information

#### **Grand Total**

|                       | Predetermined<br>Cost Estimate | Estimated Cost | Actual Cost  |
|-----------------------|--------------------------------|----------------|--------------|
| Total for all systems | \$978,630.00                   | \$950,820.00   | \$105,380.13 |

| Reimbursem | entestiatus  | 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. Jeffrey C Gehman Engineering Associate

09/06/2018

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. Jeffrey C Gehman Engineering Associate

09/06/2018

#### **Attachments**