



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **11909** | Service: **DTV** | Call **WFOX-TV** | Channel: **14 (UHF)** |  
ID:  
File **0000027858**  
Number:  
FRN: **0022027601** | Date **10/22**  
Submitted: **/2020**

## Applicant Information

### Applicant Name, Type, and Contact Information

| Applicant                               | Address   | Phone             | Email                            | Applicant Type            |
|---|---|-------------------|----------------------------------|---------------------------|
| <b>COX TELEVISION JACKSONVILLE, LLC</b> | General Manager<br>11700 CENTRAL PARKWAY,<br>UNIT 2<br>JACKSONVILLE,<br>FL 32224<br>United States | +1 (904) 996-0400 | generalmanager@actionnewsjax.com | Limited Liability Company |

## Reimbursement Contact Name and Information

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

## Preparer Contact Information

### Preparer Contact Name and Information

| Applicant   | Address   | Phone             | Email                    |
|---|---|-------------------|--------------------------|
| <b>James Patrick McGue</b><br><i>Cox Television Jacksonville, LLC</i> | J McGue<br>11700 Central Parkway, Unit 2<br>Jacksonville, FL 32277<br>United States | +1 (904) 928-8020 | jmcgue@actionnewsjax.com |

## Broadcaster Information and Transition Plan

| Question   | Response   |
|--|--|
| Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information. | Yes  |
| Briefly describe transition plan   | Site test for Ch. 14. Remediate PIM. Install three channel combiner (14, 19, 32). Replace DCX 2H Ch32, with Gates ULXTE-50 Ch14 w/ PLMR filter Optimize line and antenna for 14, 19 & 32 Convert existing Gates ULXT Ch32 to Ch14 w/PLMR filter. |

## Transmitters

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

## Primary Transmitter

### Existing Transmitter Information

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

|                            |               |
|----------------------------|---------------|
| Year                       | 2015          |
| Type                       | Solid State   |
| Solid State Cooling        | Liquid Cooled |
| Solid State Power capacity | 35.1 kW       |

## Primary Transmitter

### Retuning Transmitter Costs

| Section         | Question                                       | Response |
|-----------------|--|----------|
| New IOT Tubes   | Number of Tubes (including accessories) needed | N/A      |
| New Mask Filter | Power  | 60 kW    |
|                 | Other Power                                    | N/A      |
| New Exciter     | Is a new exciter needed?                       | No       |

## Primary Transmitter

### Other Transmitter Costs

| Section            | Question   | Response |
|--------------------|--|----------|
| Electrical Service | Service Entrance (3 phases 800A 208V)                  | No       |
|                    | Switchgear (industrial 800 amp)                        | No       |
|                    | Transformer (480V)                                     | No       |
|                    | Power  | N/A      |
|                    | Rigid Conduit and Wiring                               | No       |
|                    | Size   | N/A      |
|                    | Length   | N/A      |
|                    | Other Electrical Service                               | No       |
|                    | Description  | N/A      |
| HVAC Service       | Does the replacement transmitter require HVAC Service? | No       |
|                    | Type   | N/A      |

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

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

**Auxiliary  
Transmitter****Add Transmitter Information**

| Section   | Question   | Response                 |
|---|--|--------------------------|
| <b>Existing Transmitter<br/>Description</b>           | Type of change   | Purchase<br>New          |
|   | Use  | Auxiliary<br>(Backup)    |
|   | Description of Use   | backup                   |
|   | Ownership  | Owned                    |
|   | Owner  | N/A                      |
|   | Site   | N/A                      |
|   | Is this transmitter currently shared with another station? | No                       |
|   | Is this transmitter currently in operating condition?      | Yes                      |
| <b>Existing Transmitter<br/>Manufacturer and Type</b> | Manufacturer   |                          |
|   | Model  | DCX2H                    |
|   | Year   | 2001                     |
|   | Type   | Inductive<br>Output Tube |
|   | IOT Power Type   | Two                      |
|   | Power Capacity   | 40 kW                    |

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

| Section         | Question                                  | Response  |
|-----------------|---|---|
| New Transmitter | Use                                       | Auxiliary<br>(Backup)   |
|                 | Change Type                               | Purchase<br>New   |
|                 | Is this a request for upgraded equipment? | Yes   |
|                 | Manufacturer                              |   |
|                 | Model                                     | ULXTE-50  |
|                 | Transmitter Type                          | Solid State   |
|                 | Solid State Cooling                       | Liquid Cooled   |
|                 | Solid State Power capacity                | 31.7 kW   |
|                 | Justification for New Transmitter         | 16 year old<br>Comark tube<br>transmitter is<br>not possible<br>to retune per<br>manufacturer;<br>see<br>attachment |

**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              | No       |
|                    | Size                                  | N/A      |
|                    | Length                                | N/A      |
|                    | Other Electrical Service              | Yes      |

|  |   |                                    |
|--|---|------------------------------------|
|  | Description   | 400A 208 service, conduit & wiring |
| <b>HVAC Service</b>  | Does the replacement transmitter require HVAC Service?  | No                                 |
|  | Type  | N/A                                |
|  | Size  | N/A                                |
|  | Other Size  | N/A                                |
| <b>Transmitter Building Addition/Modification or Leasehold Improvement</b> | Does the Transmitter Building require an addition, modification, other leasehold improvement? | No                                 |
|  | Size  | N/A                                |
| <b>Channel 14 Costs</b>  | Is an RF Consulting Engineer needed?  | N/A                                |
|  | Is a channel 14 Mask Filer needed?  | N/A                                |
|  | Is additional field engineering time needed?  | N/A                                |
|  | Number of Days  | 10                                 |

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

**Antennas**

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

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

| Section                                   | Question   | Response           |
|---|--|--------------------|
| Existing Antenna<br>Description           | Type of change   | Retune<br>Existing |
|   | Antenna Use  | Primary<br>(Main)  |
|   | Description of Use   | N/A                |
|   | Ownership  | Owned              |
|   | Owner  | N/A                |
|   | Site   | N/A                |
|   | Is the existing antenna shared with another station or stations? | Yes                |
|   | Is the existing antenna directional?                             | Yes                |
|   | Is antenna in operating condition?                               | Yes                |
|   | Is antenna located on or in close proximity to an antenna farm?  | No                 |
| Existing Antenna<br>Manufacturer and Type | Class  | Full Power         |
|   | Mounting   | Top Mount          |
|   | Antenna position in stack  | Bottom             |
|   | Polarization   | Horizontal         |
|   | Type   | Broadband<br>Panel |
|   | Number of Stations Supported                                     | 2                  |
|   | Number of Panels   | 5                  |
|   | Design power capacity in use                                     | 50.0 %             |
|   | Lower Limit  | 470.00 MHz         |



|  |            |
|--|------------|
| Upper Limit                              | 698.00 MHz |
| Other Antenna Type                       | N/A        |
| ERP: (Effective Radiated Power)<br>..... | 1542.0 kW  |
| Manufacturer                             | dielectric |
| Model                                    | tuc-p5-12  |
| Year                                     | 2001       |

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

| Facility ID | Call Sign |
|-------------|-----------|
| 35576       | wjax-tv   |
| 11909       | wfox-tv   |

### Primary Antenna

#### Adjustment to Existing Antenna

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

### Primary Antenna

#### Other Antenna Costs

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

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

| RF Channel Number |
|-------------------|
| 19                |
| 14                |
| 32                |

**Primary  
Antenna**

**Other Antenna Cost Not Listed**  
Information not provided.

**Transmission Line**

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

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

| Section  | Question   | Response          |
|--|--|-------------------|
| Existing Transmission Line Description           | Type of change   | Utilize Existing  |
|  | Use  | Primary (Main)    |
|  | Description of Use   | N/A               |
|  | Ownership  | Owned             |
|  | Owner  | N/A               |
|  | Site   | N/A               |
|  | Is the existing transmission line shared with another station or stations? | Yes               |
|  | Is Transmission Line in operating condition?                               | Yes               |
| Existing Transmission Line Manufacturer and Type | Manufacturer   | Dielectric        |
|  | Type   | Rigid             |
|  | Diameter   | 7 3/16 inches     |
|  | Other Diameter   | N/A               |
|  | Segment Length   | Broadband         |
|  | Other Segment Length   | N/A               |
|  | Number of parallel runs  | 0                 |
|  | Length   | 1020 feet per run |

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

| Facility ID | Call Sign |
|-------------|-----------|
| 35576       | wjax-tv   |
| 11909       | wfox-tv   |

Primary  
Transmission Line

Other Transmission Line Expenses Not Listed

| Name          | Description   |
|---------------|---|
| optimize line | Tower has Dielectric Digi line with tunable elbows that will need to be optimized for new channel |

**Tower  
Equipment  
And  
Rigging  
Costs**

| Section                                  | Question  | Response |
|--|---|----------|
| Tower Equipment or Rigging Costs Changes | Do you have tower equipment or rigging costs changes? | Yes      |

**Primary  
Tower**

**Existing Tower**

| Section  | Question  | Response          |
|--|---|-------------------|
| Existing Tower Description                         | Type of change  | Modify Existing   |
|  | Tower Use   | Primary (Main)    |
|  | Description of Use                                      | N/A               |
|  | Ownership   | Leased            |
|  | Is this tower consider Complex?                         | No                |
|  | Is this tower currently shared with any other stations? | Yes               |
|  | One or more FM, AM or TV radio broadcaster(s)           | Yes               |
|  | Others Types of Users                                   | Yes               |
|  | Is tower documented for structural analysis?            | Yes               |
|  | Is tower compliant with Rev G?                          | Yes               |
| Existing Tower Structure Registration              | Do you have a tower registration number?                | Yes               |
|  | ASR Number  | 1235223           |
| Coordinates (NAD83 (North American Datum of 1983)) | Latitude (NAD83)  | 30° 16' 51.9" N-  |
|  | Longitude (NAD83)                                       | 081° 34' 12.2" W- |
|  | Overall Structure Height                                | 1042.97 feet      |
|  | Support Structure Height                                | 925.84 feet       |
|  | Ground Elevation Above Mean Sea Level (AMSL)            | 7.87 feet         |
|  |   |                   |

|  |                  |   |
|--|------------------|---|
|  | Structure Type   | GTOWER -<br>Guyed<br>Structure Used<br>for<br>Communication<br>Purposes |
|  | Tower Owner      | SBA Towers II<br>LLC  |
|  | Date Constructed | 01/19/2006  |

**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 |
|-------------|-----------|---------|
| 4754        | WJKF-CD   | DTV     |
| 11909       | WFOX-TV   | DTV     |
| 73130       | WJCT      | DTV     |
| 35576       | WJAX-TV   | DTV     |
| 29728       | WQIK-FM   | FM      |
| 51974       | WWJK      | FM      |
| 67243       | WKSL      | FM      |
| 73125       | WJCT-FM   | FM      |
| 51975       | WJBT      | FM      |

**Other Types of Users**

| Users           |
|-----------------|
| KNJY504 AMBULAN |

**Primary  
Tower**

**Tower Modification Costs**

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

|                             |  |  |
|-----------------------------|--|--|
| <b>Engineering Study</b>    | Please what type of engineering study is required, if any: | Study needed for tower with candelabra |
| <b>Tower Reinforcements</b> | Please select whether tower reinforcements are needed:     | Minor Reinforcements needed            |

**Primary Tower**

**Tower Rigging Costs**

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

**Primary Tower**

**Other Tower Expenses Not Listed**

| Name                   | Description  |
|------------------------|--|
| <b>PIM REMEDIATION</b> | Tower must be inspected and rust removed and components replaced to prevent Passive Intermodulation due to Channel 14 assignment. Tower crew to examine tower for sources of PIM and replace components as needed to reduce existence of PIM |

**Outside  
Professional Services Costs**

| Section   | Question   | Response |
|---|--|----------|
| <b>Outside Project Management Services</b>            | Do you require outside project management services?                          | No       |
|   | Number of Hours  | N/A      |
|   | Explanation  | N/A      |
| <b>Outside RF consulting Engineering Services</b>     | Perform engineering study for new channel assignment and antenna development | Yes      |
|   | Prepare engineering section of Form FCC Construction Permit Application      | Yes      |
|   | For Auxiliary Facility   | No       |
|   | For Main Facility  | Yes      |
|   | Prepare engineering section of Form FCC License to Cover Application         | Yes      |
|   | For Auxiliary Facility   | No       |
|   | For Main Facility  | Yes      |
|   | Prepare request for Special Temporary Authority                              | No       |
|   | Quantity   | N/A      |
|   | Do you have Distributed Transmission System engineering services?            | N/A      |
|   | Critical Facility  | N/A      |
|   | Terrain-Shielded Facility  | N/A      |
|   |  |          |
| <b>Attorney and Other Outside Consulting Services</b> | Prepare and file Form FCC Construction Permit Application                    | Yes      |
|   | For Auxiliary Facility   | No       |
|   | For Main Facility  | Yes      |
|   | Prepare and file Form FCC License to Cover Application                       | Yes      |
|   | For Auxiliary Facility   | No       |
|   | For Main Facility  | Yes      |
|   |  |          |



|                                      |  |  |
|--------------------------------------|--|--|
|                                      | Prepare request for Special Temporary Authority  | No   |
|                                      | Quantity   | N/A  |
|                                      | NEPA Section 106 environmental review  | No   |
|                                      | Environmental Assessment   | No   |
|                                      | ASR Modification   | No   |
|                                      | FAA Consultation (including preparation of FAA Form 7460)                                  | No   |
|                                      | Negotiation of Lease and other Matter for Shared Locations                                 | Yes  |
|                                      | Prepare or Review FCC Form 399 for Reimbursement   | Yes  |
|                                      | Address transition timing and coordination issues w/ other stations and wireless providers | Yes  |
| <b>RF Field Engineering Services</b> | Comprehensive coverage verification via field study  | Yes  |
|                                      | RF exposure measurements   | No   |
|                                      | Additional Field Engineering Service   | Yes  |
|                                      | Number of Days   | 5  |
|                                      | Justification  | Tower site inspected for Passive Intermodulation generation and sources identified |

**Outside Professional Services Costs**

**Other Professional Services Expenses Not Listed**

| Name                     | Description   |
|--------------------------|---|
| CH14 testing engineering | MWG will determine steps necessary to prevent interference with land mobile |

## Other Expenses

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

**Other  
Expenses**

**Other Expenses Not Listed**

| Name  | Description   |
|---|---|
| <b>Main site AC replacement</b>                   | The supplemental AC system at site is over 25 years old & uses R22 and is no longer serviceable; additional duct work is also needed                  |
| <b>PLMR Notification</b>                          | Notify all PLMR licensees of our impending broadcasting on CH14   |
| <b>PLMR interference abatement</b>                | Improve the reception selectivity and amplifier dynamic range at the various PLMR sites within 65km of WFOX   |
| <b>Legal Services for phase change and waiver</b> | WFOX was unable to remediate PLMR interference before Phase 7 and before phase 10 requiring a waiver to stay on our preauction channel until Aug 25th |

## Cost Information

### Transmitters

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

| Description                                   | Predetermined Cost Estimate | Estimated Cost        | Estimated Cost Justification   | Actual Cost           | Actual Cost Justification |
|---|-----------------------------|-----------------------|--|-----------------------|---------------------------|
| <b>Primary Transmitter ULXT</b>               | <b>\$262,960.00</b>         | <b>\$308,000.00</b>   |  | <b>\$123,321.09</b>   |                           |
| UHF and VHF - minor banding issues            | \$105,200.00                | \$100,000.00          | CH14   | N/A                   | N/A                       |
| 60 kW mask filter                             | \$89,400.00                 | \$143,000.00          | CH14 mask filter included in channel change quote Q-80264; Total cost to change ULXT from CH32 to CH14 is 142,760.67 | \$123,321.09          | N/A                       |
| RF Consulting Engineer                        | \$5,260.00                  | \$5,000.00            | N/A  | N/A                   | N/A                       |
| Additional field engineering time, 10-30 days | \$63,100.00                 | \$60,000.00           | ch14 testing   | N/A                   | N/A                       |
| <b>Auxiliary Transmitter ULXTE-50</b>         | <b>\$2,118,910.00</b>       | <b>\$1,883,674.66</b> |  | <b>\$1,045,319.99</b> |                           |

|  |                       |                |  |              |     |
|--|-----------------------|----------------|--|--------------|-----|
| Additional field engineering time, 10-30 days                | \$63,100.00           | \$60,000.00    | Federal Engineering will conduct a CH14 to land mobile interference study to identify sites and frequencies that need protection | N/A          | N/A |
| RF Consulting Engineer                                       | \$5,260.00            | \$5,000.00     | N/A  | N/A          | N/A |
| Other Electrical Service: 400A 208 service, conduit & wiring | <b>\$38,000.00</b>    | \$38,000.00    | N/A  | \$26,862.00  | N/A |
| Transformer 3 phase /480v - 150 KVA                          | \$25,550.00           | \$24,300.00    | N/A  | N/A          | N/A |
| UHF - Liquid Cooled Solid State Transmitter 31.7 kW          | <b>\$1,040,000.00</b> | \$1,040,000.00 | This is the manufacturers quote and includes the CH14 mask filter  | \$302,083.33 | N/A |

|   |                |                |   |                |     |
|---|----------------|----------------|---|----------------|-----|
| UHF -<br>Liquid<br>Cooled<br>Solid State<br>Transmitter<br>21 - 31 kW | \$947,000.00   | \$716,374.66   | ***System<br>Notice:<br>Estimate<br>adjusted and<br>locked<br>because line<br>has been<br>superseded.<br>***ULXTE-50;<br>number is<br>manufacturer's<br>quote Includes<br>CH14 mask<br>filter system<br>(\$91,986.04) | \$716,374.66   | N/A |
| <b>Sub-total</b>  | \$2,381,870.00 | \$2,191,674.66 | N/A   | \$1,168,641.08 | N/A |
| <b>Total for all<br/>systems</b>                                      | \$4,216,455.00 | \$3,681,889.66 | N/A   | \$2,257,375.04 | N/A |

## Components

| Actual Information                    |                           |
|---------------------------------------|---------------------------|
| Description                           | File Name                 |
| UHF and VHF - minor<br>banding issues | Information not provided. |

|   |                               |  |  |
|---|-------------------------------|--|--|
| 60 kW mask filter                             | <b>Component Description:</b> |  | This is the 2nd of 3 payments to Gates Air for the ULXT channel conversion, includes mask filter   |
|   | <b>Amount:</b>                |  | \$47,586.89  |
|   | <b>Component Description:</b> |  | This is a balance due invoice from Gates Air for the ULXT channel conversion, includes mask filter |
|   | <b>Amount:</b>                |  | \$28,147.31  |
|   | <b>Component Description:</b> |  | This is the 1st of 3 payments to Gates Air for the ULXT channel conversion; includes mask filter   |
|   | <b>Amount:</b>                |  | \$47,586.89  |
| RF Consulting Engineer                        | Information not provided.     |  |  |
| Additional field engineering time, 10-30 days | Information not provided.     |  |  |
| Additional field engineering time, 10-30 days | Information not provided.     |  |  |
| RF Consulting Engineer                        | Information not provided.     |  |  |

|   |   |                               |   |                |              |                               |  |                |              |                               |  |                |              |
|---|---|-------------------------------|---|----------------|--------------|-------------------------------|--|----------------|--------------|-------------------------------|--|----------------|--------------|
| <p>Other Electrical Service:<br/>400A 208 service, conduit &amp; wiring</p> | <table> <tr> <td data-bbox="719 174 1027 210"><b>Component Description:</b></td><td data-bbox="1161 174 1378 443">This is the cost for labor and materials for the electrical service for the main ULXTE-50 transmitter</td></tr> <tr> <td data-bbox="719 456 831 492"><b>Amount:</b></td><td data-bbox="1161 456 1294 492">\$26,862.00</td></tr> </table>  | <b>Component Description:</b> | This is the cost for labor and materials for the electrical service for the main ULXTE-50 transmitter | <b>Amount:</b> | \$26,862.00  |                               |  |                |              |                               |  |                |              |
| <b>Component Description:</b>   | This is the cost for labor and materials for the electrical service for the main ULXTE-50 transmitter   |                               |   |                |              |                               |  |                |              |                               |  |                |              |
| <b>Amount:</b>  | \$26,862.00   |                               |   |                |              |                               |  |                |              |                               |  |                |              |
| <p>Transformer 3 phase/480v - 150 KVA</p>                                   | <p>Information not provided.</p>  |                               |   |                |              |                               |  |                |              |                               |  |                |              |
| <p>UHF - Liquid Cooled Solid State Transmitter 31.7 kW</p>                  | <table> <tr> <td data-bbox="719 741 1027 777"><b>Component Description:</b></td><td data-bbox="1161 741 1378 969">Final payment for Gates Air ULXTE-50; amount reflects spares and tax removed from total</td></tr> <tr> <td data-bbox="719 983 831 1019"><b>Amount:</b></td><td data-bbox="1161 983 1310 1019">\$302,083.33</td></tr> </table>   | <b>Component Description:</b> | Final payment for Gates Air ULXTE-50; amount reflects spares and tax removed from total               | <b>Amount:</b> | \$302,083.33 |                               |  |                |              |                               |  |                |              |
| <b>Component Description:</b>   | Final payment for Gates Air ULXTE-50; amount reflects spares and tax removed from total   |                               |   |                |              |                               |  |                |              |                               |  |                |              |
| <b>Amount:</b>  | \$302,083.33  |                               |   |                |              |                               |  |                |              |                               |  |                |              |
| <p>UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW</p>               | <table> <tr> <td data-bbox="719 1155 1027 1191"><b>Component Description:</b></td><td data-bbox="1161 1155 1378 1429">Third payment to Gates Air for ULXTE transmitter; freight and installation to be invoiced separately</td></tr> <tr> <td data-bbox="719 1442 831 1478"><b>Amount:</b></td><td data-bbox="1161 1442 1209 1478">N/A</td></tr> <tr> <td data-bbox="719 1574 1027 1610"><b>Component Description:</b></td><td data-bbox="1161 1574 1378 1722">second installment payment of 1/3 for main transmitter</td></tr> <tr> <td data-bbox="719 1736 831 1771"><b>Amount:</b></td><td data-bbox="1161 1736 1310 1771">\$340,759.57</td></tr> <tr> <td data-bbox="719 1868 1027 1904"><b>Component Description:</b></td><td data-bbox="1161 1868 1378 2016">This is the one third deposit paid to Gates Air Inc for the ULXTE-50</td></tr> <tr> <td data-bbox="719 2029 831 2065"><b>Amount:</b></td><td data-bbox="1161 2029 1310 2065">\$375,615.09</td></tr> </table> | <b>Component Description:</b> | Third payment to Gates Air for ULXTE transmitter; freight and installation to be invoiced separately  | <b>Amount:</b> | N/A          | <b>Component Description:</b> | second installment payment of 1/3 for main transmitter | <b>Amount:</b> | \$340,759.57 | <b>Component Description:</b> | This is the one third deposit paid to Gates Air Inc for the ULXTE-50 | <b>Amount:</b> | \$375,615.09 |
| <b>Component Description:</b>   | Third payment to Gates Air for ULXTE transmitter; freight and installation to be invoiced separately  |                               |   |                |              |                               |  |                |              |                               |  |                |              |
| <b>Amount:</b>  | N/A   |                               |   |                |              |                               |  |                |              |                               |  |                |              |
| <b>Component Description:</b>   | second installment payment of 1/3 for main transmitter  |                               |   |                |              |                               |  |                |              |                               |  |                |              |
| <b>Amount:</b>  | \$340,759.57  |                               |   |                |              |                               |  |                |              |                               |  |                |              |
| <b>Component Description:</b>   | This is the one third deposit paid to Gates Air Inc for the ULXTE-50  |                               |   |                |              |                               |  |                |              |                               |  |                |              |
| <b>Amount:</b>  | \$375,615.09  |                               |   |                |              |                               |  |                |              |                               |  |                |              |





## Cost Information

### Antennas

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

| Description                                      | Predetermined Cost Estimate | Estimated Cost        | Estimated Cost Justification  | Actual Cost           | Actual Cost Justification  |
|--|-----------------------------|-----------------------|---|-----------------------|--|
| <b>Primary Antenna tuc-p5-12</b>                 | <b>\$90,930.00</b>          | <b>\$118,400.00</b>   |   | <b>\$103,900.15</b>   |  |
| New combiner, cost per channel (without antenna) | \$84,200.00                 | \$112,000.00          | Total cost to install the new combiner; \$77000 for the combiner itself; ~10000 in RF components to fit into system and ~25,000 for Gates Air to do the installation. | \$103,900.15          | Total cost to purchase and install the combiner; \$77000 for the combiner \$10490.35 for the install components \$24114.80 for Gates Air to do the install |
| Sweep test of existing antenna                   | \$6,730.00                  | \$6,400.00            | N/A   | N/A                   | N/A  |
| <b>Sub-total</b>                                 | <b>\$90,930.00</b>          | <b>\$118,400.00</b>   | N/A   | <b>\$103,900.15</b>   | N/A  |
| <b>Total for all systems</b>                     | <b>\$4,216,455.00</b>       | <b>\$3,681,889.66</b> | N/A   | <b>\$2,257,375.04</b> | N/A  |

### Components

| Actual Information Description                   | File Name |
|--|-----------|
| New combiner, cost per channel (without antenna) |           |

|                               |   |
|-------------------------------|---|
| <b>Component Description:</b> | This is invoice 1 of 4 for the parts needed to install the channel combiner |
| <b>Amount:</b>                | \$5,884.60  |

|                               |   |
|-------------------------------|---|
| <b>Component Description:</b> | This is the second payment for the 3 channel combiner |
| <b>Amount:</b>                | \$34,650.00   |

|                               |   |
|-------------------------------|---|
| <b>Component Description:</b> | This is invoice 2 of 4 for parts needed to install the combiner |
| <b>Amount:</b>                | \$2,966.41  |

|                               |   |
|-------------------------------|---|
| <b>Component Description:</b> | These are the components needed to install the combiner into our system |
| <b>Amount:</b>                | \$10,057.04   |

|                               |   |
|-------------------------------|---|
| <b>Component Description:</b> | This is the down payment for the 3 channel combiner |
| <b>Amount:</b>                | \$34,650.00   |

|                               |  |
|-------------------------------|--|
| <b>Component Description:</b> | This is for services rendered by Gates Air to install the channel combiner |
| <b>Amount:</b>                | \$24,114.80  |

|                                |  |
|--------------------------------|--|
|                                | <div> <div> <b>Component Description:</b> </div> <div> This is invoice 4 of 4 for the parts needed to install the channel combiner </div> </div> <div> <b>Amount:</b> </div> <div> \$283.34 </div> <div> <b>Component Description:</b> </div> <div> This is invoice 3 of 4 for the parts needed to install the channel combiner </div> <div> <b>Amount:</b> </div> <div> \$1,351.00 </div> |
| Sweep test of existing antenna | Information not provided.  |

Cost  
Information

Transmission Line

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

| Description                     | Predetermined<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification | Actual Cost    | Actual Cost<br>Justification |
|---------------------------------|--------------------------------|-------------------|------------------------------------|----------------|------------------------------|
| Primary<br>Transmission<br>Line | \$6,400.00                     | \$6,400.00        |                                    | \$0.00         |                              |
| optimize line                   | <i>\$6,400.00</i>              | \$6,400.00        | match line<br>to new<br>channels   | N/A            | N/A                          |
| Sub-total                       | \$6,400.00                     | \$6,400.00        | N/A                                | \$0.00         | N/A                          |
| Total for all<br>systems        | \$4,216,455.00                 | \$3,681,889.66    | N/A                                | \$2,257,375.04 | N/A                          |

Components

Information not provided.

Cost  
Information

Tower Equipment and Rigging Costs

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

| Description  | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification   | Actual Cost  | Actual Cost Justification   |
|--|-----------------------------|----------------|--|--------------|---|
| Primary Tower<br>GTOWER  | \$823,500.00                | \$435,000.00   |  | \$431,502.00 |   |
| PIM<br>REMEDATION  | <i>\$435,000.00</i>         | \$435,000.00   | Due to Tower owner requirements original crew replaced with Schrader Tower Services Tower crew to examine tower for sources of PIM and replace components as needed to reduce existence of PIM :SEE ATTACHMENT | \$431,502.00 | The origin tower cre for the PII remediatic was unab to meet th tower owners insurance vetting requireme due to a previous accident Schrade was the or tower cre we could g to do the work befo our origin cut over d: that SBA accepte |
| Structural engineering tower load study for a documented tower with candelabra | \$20,000.00                 | \$0.00         | N/A  | N/A          | N/A   |
| Minor tower reinforcement /modifications                                       | \$158,000.00                | \$0.00         | N/A  | N/A          | N/A   |

|                                      |                |                |     |                |     |
|--------------------------------------|----------------|----------------|-----|----------------|-----|
| Tall Tower<br>(greater than<br>500') | \$210,500.00   | \$0.00         | N/A | N/A            | N/A |
| <b>Sub-total</b>                     | \$823,500.00   | \$435,000.00   | N/A | \$431,502.00   | N/A |
| <b>Total for all<br/>systems</b>     | \$4,216,455.00 | \$3,681,889.66 | N/A | \$2,257,375.04 | N/A |

## Components

| Actual Information   |  |
|--|--|
| Description  | File Name  |
| PIM REMEDIATION  | <p><b>Component Description:</b> Second payment to Schrader for PIM remediation of SBA tower</p> <p><b>Amount:</b> \$178,248.50</p> <p><b>Component Description:</b> This is the down payment for Schrader Broadcast Services to do the PIM remediation on the SBA tower</p> <p><b>Amount:</b> \$178,248.50</p> <p><b>Component Description:</b> This is for overages charged by Schrader due to night work, weather delays and tower owner delays</p> <p><b>Amount:</b> \$75,005.00</p> |
| Structural engineering tower load study for a documented tower with candelabra | Information not provided.  |
| Minor tower reinforcement /modifications                                       | Information not provided.  |

|                                |                           |
|--------------------------------|---------------------------|
| Tall Tower (greater than 500') | Information not provided. |
|--------------------------------|---------------------------|



Cost  
Information

Outside Professional Services

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

| Description                              | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification  | Actual Cost  | Actual Cost Justification  |
|--|-----------------------------|----------------|---|--------------|--|
| Outside Professional Services            | \$248,390.00                | \$265,650.00   |   | \$174,388.16 |  |
| Prepare and or review reimbursement form | \$2,630.00                  | \$22,000.00    | This is actual cost for legal and engineering advisement & documentation per invoices   | \$21,914.50  | Due to tl complex of movir to CH1. we requir addition engineer and leg; assistan |
| CH14 testing engineering                 | <i>\$83,000.00</i>          | \$83,000.00    | MWG will determine steps necessary to prevent interference with land mobile Additionally Federal Engineering will perform a Land Mobile interference study to determine which of the ~3000 Land Mobile licenses will need remediation | \$82,289.76  | N/A  |

|  |                    |             |  |             |   |
|--|--------------------|-------------|--|-------------|---|
| Additional Field Engineering Service, 5 Days   | <b>\$52,000.00</b> | \$52,000.00 | Tower site inspected for Passive Intermodulation generation and sources identified | \$47,615.00 | Once the initial PI testing was done it was determined that a visual daytime inspection of the tower was needed (tower kit 2.pdf); this increase the cost \$6432.50 |
| Comprehensive coverage verification via field study, if needed                         | \$84,200.00        | \$80,000.00 | N/A  | \$8,925.00  | RF Analysis   |
| Attorney Fees - Negotiation of lease and other matters for shared locations            | \$4,210.00         | \$4,000.00  | N/A  | \$673.20    | 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  | \$1,383.20  | N/A   |

|  |                |                |   |                |                         |
|--|----------------|----------------|---|----------------|-------------------------|
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application    | \$1,580.00     | \$1,500.00     | N/A   | \$1,200.00     | 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                     |
| Perform engineering study for new channel assignment and antenna development         | \$7,360.00     | \$10,400.00    | Based on invoices and extra work needed to look into land mobile interference we have raised the estimate | \$10,387.50    | antenn: plots & 1 study |
| Address transition timing and coordination issues w/ other stations and wireless     | \$2,630.00     | \$2,500.00     | N/A   | N/A            | N/A                     |
| <b>Sub-total</b>   | \$248,390.00   | \$265,650.00   | N/A   | \$174,388.16   | N/A                     |
| <b>Total for all systems</b>   | \$4,216,455.00 | \$3,681,889.66 | N/A   | \$2,257,375.04 | N/A                     |

## Components

| Actual Information                       |           |
|--|-----------|
| Description                              | File Name |
| Prepare and or review reimbursement form |           |

|                               |   |
|-------------------------------|---|
| <b>Component Description:</b> | A&A- Research & emails regarding FCC post-auction channel reassignment public notice Prepare initial draft repack application |
| <b>Amount:</b>                | \$820.40  |

|                               |   |
|-------------------------------|---|
| <b>Component Description:</b> | A&A-Update FCC database account for WFOX for preparation of repack application; research regarding accuracy of license coordinates for WFOX-TV tower for auction repack; FCC repack reimbursement process for WFOX and auction timing |
| <b>Amount:</b>                | \$729.10  |

|                               |   |
|-------------------------------|---|
| <b>Component Description:</b> | A&A- Review FCC Form 399 draft Emails regarding FCC Form 399 draft prepare overview of FCC Form 399 reimbursement process |
| <b>Amount:</b>                | \$1,720.40  |

|                               |   |
|-------------------------------|---|
| <b>Component Description:</b> | A&A-Research & Review & emails regarding revised materials FCC Form 399 questions; prepare draft Form 399 amendment in LMS database |
| <b>Amount:</b>                | \$3,742.60  |

|                               |               |
|-------------------------------|---------------|
| <b>Component Description:</b> | advise on 399 |
| <b>Amount:</b>                | \$225.00      |

|                               |  |
|-------------------------------|--|
| <b>Component Description:</b> | A&A- Prepare correspondence regarding WJAX post-auction repack letter Telephone conference with S. Emery re updating LMS database prior to post-auction repack |
| <b>Amount:</b>                | \$361.80   |

|                               |                                  |
|-------------------------------|----------------------------------|
| <b>Component Description:</b> | Advise on FCC 399 & 399 response |
| <b>Amount:</b>                | \$9,525.00                       |

|                               |   |
|-------------------------------|---|
| <b>Component Description:</b> | A&A-Research /Review & emails: regarding FCC repack applications & status --\$224.40 credit |
| <b>Amount:</b>                | \$1,237.60  |

|                          |  |
|--------------------------|--|
|                          | <p><b>Component Description:</b></p> <p>A&amp;A-fact gathering-<br/>Further edits to<br/>draft Form 399 and<br/>finalize and submit<br/>same review<br/>exhibits regarding<br/>FCC Form 399</p> <p><b>Amount:</b></p> <p>\$3,552.60</p>  |
| CH14 testing engineering | <p><b>Component Description:</b></p> <p>Inside coax with<br/>directional coupler;<br/>Used by MWG for<br/>initial PIM testing</p> <p><b>Amount:</b></p> <p>\$4,370.00</p> <p><b>Component Description:</b></p> <p>2nd payment to<br/>Federal<br/>Engineering for the<br/>land mobile<br/>interference study</p> <p><b>Amount:</b></p> <p>\$13,422.50</p> <p><b>Component Description:</b></p> <p>Time for MWG for<br/>initial WFOX PIM<br/>testing</p> <p><b>Amount:</b></p> <p>\$23,857.50</p> <p><b>Component Description:</b></p> <p>Expenses &amp;<br/>Materials for MWG<br/>for PIM testing and<br/>site visit</p> <p><b>Amount:</b></p> <p>\$11,124.76</p> <p><b>Component Description:</b></p> <p>1st overnight<br/>testing of land<br/>mobile interference</p> <p><b>Amount:</b></p> <p>\$1,800.00</p> |

|  |   |                               |  |                |             |                               |   |                |             |
|--|---|-------------------------------|--|----------------|-------------|-------------------------------|---|----------------|-------------|
|  | <table> <tr> <td data-bbox="695 91 1114 510"> <b>Component Description:</b> </td><td data-bbox="1114 91 1434 510"> This is the final payment to Federal Engineering for the PLMR interference study; the quoted cost was \$41770.00 and the actual total was 41067.5. </td></tr> <tr> <td data-bbox="695 510 1114 600"> <b>Amount:</b> </td><td data-bbox="1114 510 1434 600"> \$15,945.00 </td></tr> <tr> <td data-bbox="695 600 1114 779"> <b>Component Description:</b> </td><td data-bbox="1114 600 1434 779"> Down payment for land mobile interference study </td></tr> <tr> <td data-bbox="695 779 1114 869"> <b>Amount:</b> </td><td data-bbox="1114 779 1434 869"> \$11,770.00 </td></tr> </table>   | <b>Component Description:</b> | This is the final payment to Federal Engineering for the PLMR interference study; the quoted cost was \$41770.00 and the actual total was 41067.5.   | <b>Amount:</b> | \$15,945.00 | <b>Component Description:</b> | Down payment for land mobile interference study                           | <b>Amount:</b> | \$11,770.00 |
| <b>Component Description:</b>                | This is the final payment to Federal Engineering for the PLMR interference study; the quoted cost was \$41770.00 and the actual total was 41067.5.  |                               |  |                |             |                               |   |                |             |
| <b>Amount:</b>                               | \$15,945.00   |                               |  |                |             |                               |   |                |             |
| <b>Component Description:</b>                | Down payment for land mobile interference study   |                               |  |                |             |                               |   |                |             |
| <b>Amount:</b>                               | \$11,770.00   |                               |  |                |             |                               |   |                |             |
| Additional Field Engineering Service, 5 Days | <table> <tr> <td data-bbox="695 869 1114 1512"> <b>Component Description:</b> </td><td data-bbox="1114 869 1434 1512"> SOW: Rig tower and prepare for night work, Terminate 7 inch line and set up probe, Move probe around per engineer, remove termination and bring down to the ground; Line sweep, install connectors on transmission line. </td></tr> <tr> <td data-bbox="695 1512 1114 1601"> <b>Amount:</b> </td><td data-bbox="1114 1512 1434 1601"> \$25,840.00 </td></tr> <tr> <td data-bbox="695 1601 1114 1848"> <b>Component Description:</b> </td><td data-bbox="1114 1601 1434 1848"> Inside coax with directional coupler; Used by MWG for initial PIM testing </td></tr> <tr> <td data-bbox="695 1848 1114 2145"> <b>Amount:</b> </td><td data-bbox="1114 1848 1434 2145"> N/A </td></tr> </table> | <b>Component Description:</b> | SOW: Rig tower and prepare for night work, Terminate 7 inch line and set up probe, Move probe around per engineer, remove termination and bring down to the ground; Line sweep, install connectors on transmission line. | <b>Amount:</b> | \$25,840.00 | <b>Component Description:</b> | Inside coax with directional coupler; Used by MWG for initial PIM testing | <b>Amount:</b> | N/A         |
| <b>Component Description:</b>                | SOW: Rig tower and prepare for night work, Terminate 7 inch line and set up probe, Move probe around per engineer, remove termination and bring down to the ground; Line sweep, install connectors on transmission line.  |                               |  |                |             |                               |   |                |             |
| <b>Amount:</b>                               | \$25,840.00   |                               |  |                |             |                               |   |                |             |
| <b>Component Description:</b>                | Inside coax with directional coupler; Used by MWG for initial PIM testing   |                               |  |                |             |                               |   |                |             |
| <b>Amount:</b>                               | N/A   |                               |  |                |             |                               |   |                |             |

|  |   |   |
|--|---|---|
|  | <b>Component Description:</b><br><br><b>Amount:</b> | Network analysis of transmission system to determine suitability on ch14. Assist MWG with PIM testing. Test of filters in shop.<br>\$15,000.00  |
|  | <b>Component Description:</b><br><br><b>Amount:</b> | TOWER SERVICE Mobilization and inspection of PIM on ground up to 400 foot. Inspection of 12 Bay antenna with Report. 51 man hours x \$120; 5 Travel Hours x \$75 per hour; 2 night per diem x \$140<br>\$6,775.00 |
| Comprehensive coverage verification via field study, if needed | <b>Component Description:</b><br><b>Amount:</b>     | RF Analysis<br>\$2,857.50   |
|  | <b>Component Description:</b><br><b>Amount:</b>     | RF analysis<br>\$1,882.50   |
|  | <b>Component Description:</b><br><b>Amount:</b>     | RF analysis<br>\$2,835.00   |
|  | <b>Component Description:</b><br><b>Amount:</b>     | RF analysis<br>\$1,350.00   |



|   |   |
|---|---|
| Attorney Fees -<br>Negotiation of lease and<br>other matters for shared<br>locations            | <p><b>Component Description:</b> analyze &amp; advise<br/>review tower lease<br/>agreement for<br/>repack</p> <p><b>Amount:</b> \$673.20</p>  |
| Attorney Fees -Prepare<br>and File FCC Form 2100<br>(main), License to Cover<br>Application     | Information not provided.   |
| Attorney Fees - Prepare<br>and File FCC Form 2100<br>(main), Construction<br>Permit Application | <p><b>Component Description:</b> Analysis and advise<br/>- Preparation of<br/>email to J.<br/>Kauffman, A. Hall<br/>and D. Siegler<br/>regarding FCC post-<br/>auction letters<br/>concerning<br/>construction</p> <p><b>Amount:</b> \$74.80</p> <p><b>Component Description:</b> A&amp;A-Email with D.<br/>Siegler FCC<br/>construction permit<br/>filing process</p> <p><b>Amount:</b> \$149.60</p> <p><b>Component Description:</b> A &amp; A - Calls, email<br/>&amp; preparation of<br/>FCC construction<br/>permit filings</p> <p><b>Amount:</b> \$1,158.80</p> |
| Prepare engineering<br>section of FCC Form 2100<br>(main), License to Cover<br>Application      | <p><b>Component Description:</b> CP engineering</p> <p><b>Amount:</b> \$1,200.00</p>  |

|  |   |
|--|---|
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | Information not provided.   |
| Perform engineering study for new channel assignment and antenna development         | <div> <b>Component Description:</b> antenna plots &amp; tv study<br/> <b>Amount:</b> \$1,740.00 </div> <div> <b>Component Description:</b> antenna plots &amp; TV study<br/> <b>Amount:</b> \$8,647.50 </div> |
| Address transition timing and coordination issues w/ other stations and wireless     | Information not provided.   |

**Cost  
Information**

**Other Expenses**

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

| Description   | Predetermined<br>Cost Estimate | Estimated<br>Cost   | Estimated<br>Cost<br>Justification  | Actual Cost         | Actual Cost<br>Justification |
|---|--------------------------------|---------------------|---|---------------------|------------------------------|
| <b>Other<br/>Expenses</b>                           | <b>\$665,365.00</b>            | <b>\$664,765.00</b> |   | <b>\$378,943.65</b> |                              |
| Legal Services<br>for phase<br>change and<br>waiver | <i>\$205,000.00</i>            | \$205,000.00        | This is for<br>legal<br>services<br>provided to<br>WFOX by<br>Cooley LLP<br>related to our<br>phase<br>change and<br>waiver.<br>These<br>services<br>were related<br>to extending<br>the<br>construction<br>period for<br>WFOX<br>beyond<br>phase 10. | \$203,963.33        | N/A                          |
| PLMR<br>interference<br>abatement                   | <i>\$405,775.00</i>            | \$405,775.00        | Estimate<br>determined<br>from Murphy<br>Comm quote<br>to test 323<br>sites and<br>install<br>equipment at<br>100<br>\$115,175<br>plus required<br>hardware for<br>abatement at<br>100 sites  | \$168,189.93        | N/A                          |

|  |                    |             |  |            |     |
|--|--------------------|-------------|--|------------|-----|
| PLMR Notification  | <b>\$11,400.00</b> | \$11,400.00 | Notification of PLMR licensees within 65km of WFOX's impending CH14 broadcasting | \$4,700.00 | N/A |
| MVPD Notification of Channel Change                                      | <b>\$2,500.00</b>  | \$2,500.00  | N/A  | N/A        | N/A |
| Develop and air announcement of upcoming channel change                  | <b>\$2,500.00</b>  | \$2,500.00  | N/A  | N/A        | N/A |
| Equipment Storage  | <b>\$5,000.00</b>  | \$5,000.00  | possible coordination issues may require storage                                 | N/A        | N/A |
| Equipment Delivery and Handling Charges                                  | <b>\$5,000.00</b>  | \$5,000.00  | possible coordination issues may require storage                                 | N/A        | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <b>\$2,500.00</b>  | \$2,500.00  | glycol and beam supply disposal  | \$2,090.39 | N/A |
| FCC Filing Fees - Form 2100 license to cover application                 | \$335.00           | \$325.00    | N/A  | N/A        | N/A |
| DTV Medical Facility Notification  | \$11,550.00        | \$11,000.00 | 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 |
| Main site AC replacement                                | <b>\$12,695.00</b> | \$12,695.00    | the supplemental AC system at the main site was installed in 1994 and uses R22, it is no longer serviceable additional duct work is needed to get the air to the location of the new transmitter | N/A            | N/A |
| <b>Sub-total</b>  | \$665,365.00       | \$664,765.00   | N/A  | \$378,943.65   | N/A |
| <b>Total for all systems</b>                            | \$4,216,455.00     | \$3,681,889.66 | N/A  | \$2,257,375.04 | N/A |

## Components

| Actual Information                         |  |
|--|--|
| Description                                | File Name  |
| Legal Services for phase change and waiver | <p><b>Component Description:</b> Legal services from 8-2-2020 to 8-26-2020 related to phase change and waiver to remain on pre auction channel past phase 10</p> <p><b>Amount:</b> \$32,629.60</p> |

|                               |  |
|-------------------------------|--|
| <b>Component Description:</b> | Legal services from 6-25-2020 to 7-31-2020 related to phase change and waiver to remain on pre auction channel past phase 10 |
| <b>Amount:</b>                | \$37,459.63  |

|                               |   |
|-------------------------------|---|
| <b>Component Description:</b> | Legal services from 6-1-2020 to 6-30-2020 related to phase change and waiver to remain on pre auction channel past phase 10 |
| <b>Amount:</b>                | \$113,199.20  |

|                               |  |
|-------------------------------|--|
| <b>Component Description:</b> | Legal services from 5-22-2020 to 5-29-2020 related to phase change and waiver to remain on pre auction channel past phase 10 |
| <b>Amount:</b>                | \$9,209.30   |

|                               |  |
|-------------------------------|--|
| <b>Component Description:</b> | Legal services from 4-1-2020 and 4-30-2020 related to phase change and waiver to remain on pre auction channel past phase 10 |
| <b>Amount:</b>                | \$2,220.30   |

|                               |  |                               |   |                |            |                               |   |                |            |                               |   |                |          |
|-------------------------------|--|-------------------------------|---|----------------|------------|-------------------------------|---|----------------|------------|-------------------------------|---|----------------|----------|
|                               | <table> <tr> <td data-bbox="705 87 1023 539"><b>Component Description:</b></td><td data-bbox="1023 87 1426 539">Legal services on 3-26-2020 related to phase change and waiver to remain on pre auction channel past phase 10</td></tr> <tr> <td data-bbox="705 539 1023 584"><b>Amount:</b></td><td data-bbox="1023 539 1426 584">\$690.40</td></tr> <tr> <td data-bbox="705 584 1023 920"><b>Component Description:</b></td><td data-bbox="1023 584 1426 920">Legal services from 12-19-2020 to 1-13-2020 related to phase change and waiver to remain on pre auction channel past phase 10</td></tr> <tr> <td data-bbox="705 920 1023 965"><b>Amount:</b></td><td data-bbox="1023 920 1426 965">\$8,182.30</td></tr> <tr> <td data-bbox="705 965 1023 1480"><b>Component Description:</b></td><td data-bbox="1023 965 1426 1480">Legal services from 1-6-2020 to 2-13-2020 related to phase change and waiver to remain on pre auction channel past phase 10</td></tr> <tr> <td data-bbox="705 1480 1023 1525"><b>Amount:</b></td><td data-bbox="1023 1480 1426 1525">\$372.60</td></tr> </table> | <b>Component Description:</b> | Legal services on 3-26-2020 related to phase change and waiver to remain on pre auction channel past phase 10 | <b>Amount:</b> | \$690.40   | <b>Component Description:</b> | Legal services from 12-19-2020 to 1-13-2020 related to phase change and waiver to remain on pre auction channel past phase 10 | <b>Amount:</b> | \$8,182.30 | <b>Component Description:</b> | Legal services from 1-6-2020 to 2-13-2020 related to phase change and waiver to remain on pre auction channel past phase 10 | <b>Amount:</b> | \$372.60 |
| <b>Component Description:</b> | Legal services on 3-26-2020 related to phase change and waiver to remain on pre auction channel past phase 10  |                               |   |                |            |                               |   |                |            |                               |   |                |          |
| <b>Amount:</b>                | \$690.40   |                               |   |                |            |                               |   |                |            |                               |   |                |          |
| <b>Component Description:</b> | Legal services from 12-19-2020 to 1-13-2020 related to phase change and waiver to remain on pre auction channel past phase 10  |                               |   |                |            |                               |   |                |            |                               |   |                |          |
| <b>Amount:</b>                | \$8,182.30   |                               |   |                |            |                               |   |                |            |                               |   |                |          |
| <b>Component Description:</b> | Legal services from 1-6-2020 to 2-13-2020 related to phase change and waiver to remain on pre auction channel past phase 10  |                               |   |                |            |                               |   |                |            |                               |   |                |          |
| <b>Amount:</b>                | \$372.60   |                               |   |                |            |                               |   |                |            |                               |   |                |          |
| PLMR interference abatement   | <table> <tr> <td data-bbox="705 1480 1023 1794"><b>Component Description:</b></td><td data-bbox="1023 1480 1426 1794">This was for the tower crew to install a MFC custom filter box on the SBA tower</td></tr> <tr> <td data-bbox="705 1794 1023 1839"><b>Amount:</b></td><td data-bbox="1023 1794 1426 1839">\$8,640.00</td></tr> </table>   | <b>Component Description:</b> | This was for the tower crew to install a MFC custom filter box on the SBA tower                               | <b>Amount:</b> | \$8,640.00 |                               |   |                |            |                               |   |                |          |
| <b>Component Description:</b> | This was for the tower crew to install a MFC custom filter box on the SBA tower  |                               |   |                |            |                               |   |                |            |                               |   |                |          |
| <b>Amount:</b>                | \$8,640.00   |                               |   |                |            |                               |   |                |            |                               |   |                |          |

|                               |   |
|-------------------------------|---|
| <b>Component Description:</b> | This is for additional parts for the two custom filters for CH14 interference |
| <b>Amount:</b>                | \$3,100.00  |

|                               |   |
|-------------------------------|---|
| <b>Component Description:</b> | This is for the parts needed for the MFC filter install at the Anders Blvd tower including new line and antenna |
| <b>Amount:</b>                | \$11,927.68   |

|                               |  |
|-------------------------------|--|
| <b>Component Description:</b> | This was for one night of interference testing at the American tower site on Newton Road in Jacksonville |
| <b>Amount:</b>                | \$1,800.00   |

|                               |   |
|-------------------------------|---|
| <b>Component Description:</b> | A third tower site was determined to be susceptible to interference and a third MFC box was ordered; this is the invoice for that box |
| <b>Amount:</b>                | \$31,640.00   |



|                               |  |
|-------------------------------|--|
| <b>Component Description:</b> | Payment for 2x<br>prototype filters<br>for two closest<br>towers to SBA for<br>land mobile<br>protection |
| <b>Amount:</b>                | \$32,816.00  |

|                               |   |
|-------------------------------|---|
| <b>Component Description:</b> | A low PIM<br>antenna was<br>ordered for the<br>SBA tower but not<br>received when the<br>MFC box was<br>installed This was<br>for the tower crew<br>to install the<br>antenna and<br>remove original<br>TTA |
| <b>Amount:</b>                | \$7,560.00  |

|                               |   |
|-------------------------------|---|
| <b>Component Description:</b> | This is for the<br>mechanical<br>installation of the<br>MFC TTA, line<br>and antenna at<br>the Anders Blvd<br>tower |
| <b>Amount:</b>                | \$11,100.00   |

|                               |   |
|-------------------------------|---|
| <b>Component Description:</b> | Federal<br>Engineering was<br>retained to assist<br>in the mitigation<br>process to help<br>insure all potential<br>PLMR licencees<br>were addressed<br>this is the invoice<br>for May 2020 |
| <b>Amount:</b>                | \$23,430.00   |

|   |                               |  |
|---|-------------------------------|--|
|   | <b>Component Description:</b> | 10 CH14 Band<br>Stop filters to be<br>used on PLMR<br>sites susceptible<br>to CH14<br>interference   |
|   | <b>Amount:</b>                | \$8,250.00   |
|   | <b>Component Description:</b> | Federal<br>Engineering was<br>retained to assist<br>in the mitigation<br>process to help<br>insure all potential<br>PLMR licencees<br>were addressed<br>this is the invoice<br>for June 2020 |
|   | <b>Amount:</b>                | \$27,926.25  |
| PLMR Notification   | <b>Component Description:</b> | Provided<br>notifications to<br>and a data base<br>of PLMR users<br>that may be<br>affected by our<br>channel change   |
|   | <b>Amount:</b>                | \$4,700.00   |
| MVPD Notification of<br>Channel Change                        | Information not provided.     |  |
| Develop and air<br>announcement of upcoming<br>channel change | Information not provided.     |  |
| Equipment Storage   | Information not provided.     |  |
| Equipment Delivery and<br>Handling Charges                    | Information not provided.     |  |

|  |   |
|--|---|
| Disposal Costs (for equipment and other waste, net of any salvage value) | <div> <div> <b>Component Description:</b><br/><br/> <b>Amount:</b> </div> <div> recycling of glycol removed form DCX transmitter<br/> \$1,049.89 </div> </div> <div> <div> <b>Component Description:</b><br/><br/> <b>Amount:</b> </div> <div> recycling the oil from the HV beam supplies from the DCX<br/> \$1,040.50 </div> </div> |
| FCC Filing Fees - Form 2100 license to cover application                 | Information not provided.   |
| DTV Medical Facility Notification  | Information not provided.   |
| FCC Filing Fees - Form 2100 minor change CP application                  | Information not provided.   |
| Main site AC replacement   | Information not provided.   |

|                         |                              |                                    |                       |
|-------------------------|------------------------------|------------------------------------|-----------------------|
| <b>Cost Information</b> | <b>Grand Total</b>           |                                    |                       |
|                         |                              | <b>Predetermined Cost Estimate</b> | <b>Estimated Cost</b> |
|                         |                              |                                    | <b>Actual Cost</b>    |
|                         | <b>Total for all systems</b> | \$4,216,455.00                     | \$3,681,889.66        |
|                         |                              |                                    | \$2,257,375.04        |

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

| Certification | Section                                     | Question  | Response |
|---------------|---|---|----------|
|               | Submission of Estimated Expenses Statements | <p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>   |          |
|               |   | <ol style="list-style-type: none"> <li>1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.</li> <li>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.</li> </ol> |          |

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

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 above-named applicant for the Authorization(s) specified above.

**James  
Patrick  
McGue**  
*RF  
Engineer*

10/22/2020

| Certification | Section  | Question   | Response |
|---------------|--|--|----------|
|               | Submission of Actual Cost Documentation Statements | <p>WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).</p>   |          |
|               |  | <ol style="list-style-type: none"> <li>1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.</li> <li>2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.</li> <li>3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> </ol> |          |



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

|  |   |
|--|---|
| <p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.</p> |   |
| <p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>  | <p><b>James Patrick McGue</b><br/> <i>rf engineer</i></p> <p>10/22/2020</p> |

## Attachments