

Federal Communications Commission

# (REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

|               |           |              | -     |         |                   |
|---------------|-----------|--------------|-------|---------|-------------------|
| Facility      | 67602     | Service: DTV | Call  | WOPX-TV | Channel: 14 (UHF) |
| ID:           |           |              | Sign: |         |                   |
| File          | 00000     | 28668        |       |         |                   |
| Numbe         | r:        |              |       |         |                   |
| FRN: <b>(</b> | 001808468 | Date         | 05/09 |         |                   |
|               |           | Submitted:   | /2019 |         |                   |

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

# Applicant Information

| Applicant  | Address   | Phone                       | Email                       | Applicant<br>Type |
|--|---|-----------------------------|-----------------------------|-------------------|
| ION MEDIA<br>ORLANDO LICENSE,<br>INC.<br>Doing Business As:<br>ION MEDIA<br>ORLANDO LICENSE,<br>INC. | Bianca Frye<br>601<br>Clearwater<br>Park Road<br>West Palm<br>Beach, FL<br>33401<br>United States | +1<br>(561)<br>682-<br>4110 | BiancaFrye@ionmedia.<br>com | Corporation       |

#### Reimbursement Contact Name and Information Reimbursement Contact Information

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

| Preparer               | Preparer Contact Name and Information              |         |       |       |  |
|------------------------|--|---------|-------|-------|--|
| Contact<br>Information | Applicant  | Address | Phone | Email |  |
|                        | The Preparer is same as the reimbursement contact. |         |       |       |  |

| Broadcaster | Question |
|-------------|----------|
| Information |          |
| and         |          |
| Transition  |          |
| Plan        |          |

Response

| Will the station be sharing equipment with<br>another broadcast television station or<br>stations (e.g., a shared antenna, co-location<br>on a tower, use of the same transmitter<br>room, multiple transmitters feeding a<br>combiner, etc.)? If yes, enter the facility ID's<br>of the other stations and click 'prefill' to<br>download those stations' licensing<br>information. | No  |
|--|---|
| Briefly describe transition plan   | Operate from current side mounted digital<br>antenna while a new top mounted antenna<br>is installed for post repack channel.<br>Remove top mount analog antenna.<br>Replace transmission line and non re-<br>tuneable transmitter for operation on post<br>repack channel. |

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

| Primary     | Existing Transmitter Information    |   |                          |  |  |
|-------------|-------------------------------------|---|--------------------------|--|--|
| Transmitter | Section                             | Question  | Response                 |  |  |
|             | Existing Transmitter<br>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<br>another station?<br>Is this transmitter currently in operating<br>condition? | No                       |  |  |
|             |                                     |   | Yes                      |  |  |
|             | Existing Transmitter                | Manufacturer  |                          |  |  |
|             | Manufacturer and Type               | Model   | Millenium                |  |  |
|             |                                     | Year  | 2002                     |  |  |
|             |                                     | Туре  | Inductive<br>Output Tube |  |  |
|             |                                     | IOT Power Type  | Two                      |  |  |
|             |                                     | Power Capacity  | 40 kW                    |  |  |

# **Existing Transmitter Information**

| Primary     | New Transmitter Costs |   |   |  |  |  |
|-------------|-----------------------|---|---|--|--|--|
| Transmitter | Section               | Question                                  | Response  |  |  |  |
|             | New Transmitter       | Use                                       | Primary<br>(Main)   |  |  |  |
|             |                       | Change Type                               | Purchase<br>New   |  |  |  |
|             |                       | Is this a request for upgraded equipment? | Yes   |  |  |  |
|             |                       | Manufacturer                              |   |  |  |  |
|             | -                     | Model                                     | THU9-16<br>EVO  |  |  |  |
|             |                       | Transmitter Type                          | Solid State   |  |  |  |
|             |                       | Solid State Cooling                       | Liquid<br>Cooled  |  |  |  |
|             |                       | Solid State Power capacity                | 25.5 kW   |  |  |  |
|             |                       | Justification for New Transmitter         | See<br>attached<br>Transmitter<br>Exhibits.<br>See<br>attached<br>Transmitter<br>Upgrade<br>Disclaimer. |  |  |  |

## **Other Transmitter Costs**

| Primary     | Other Transmitter Costs |                                       |          |
|-------------|-------------------------|---------------------------------------|----------|
| Transmitter | Section                 | Question                              | Response |
|             | Electrical Service      | Service Entrance (3 phases 800A 208V) | No       |
|             |                         | Switchgear (industrial 800 amp)       | No       |
|             |                         | Transformer (480V)                    | Yes      |
|             |                         | Power                                 | 300 kVA  |
|             |                         | 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?                                       | Yes             |
|   | Туре   | Cooling<br>Only |
|   | Size   | 5 tons          |
|   | Other Size   | N/A             |
| Transmitter Building<br>Addition/Modification or<br>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   | 10              |

# Other Transmitter Cost Not Listed

| Primary     | Other Transmitter Cost Not Listed |  |  |
|-------------|-----------------------------------|--|--|
| Transmitter | Name                              | Description  |  |
|             | Removal of existing equipment     | Removal of existing transmitters and equipment / Site prep |  |
|             | RF Interconnect                   | Interconnect between RF System and transmission line       |  |

| Antennas Section |               | Question                              | Response |  |
|------------------|---------------|---------------------------------------|----------|--|
| Antenna Rela     | ated Expenses | Do you have antenna related expenses? | Yes      |  |

| Primary | Existing Antenna Information    |  |                    |  |  |  |
|---------|---------------------------------|--|--------------------|--|--|--|
| Antenna | Section                         | Question   | Response           |  |  |  |
|         | Existing Antenna<br>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 e                        | 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  | Full Power         |  |  |  |
|         | 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)                                  | 1000.0 kW          |  |  |  |

| Manufacturer |                         |
|--------------|-------------------------|
| Model        | TFU-<br>30DSC-R<br>C170 |
| Year         | 2002                    |

| Primary | New Antenna Costs          |  |                    |  |  |
|---------|----------------------------|--|--------------------|--|--|
| Antenna | Section                    | Question   | Response           |  |  |
|         | New Antenna<br>Description | Use  | Primary<br>(Main)  |  |  |
|         |                            | Description of Use   | N/A                |  |  |
|         |                            | Change Type  | Purchase<br>New    |  |  |
|         |                            | Is this a request for upgraded equipment?                            | Yes                |  |  |
|         |                            | 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  | Full Power         |  |  |
|         | Manufacturer and Types     | Mounting   | Top Mount          |  |  |
|         |                            | Antenna position in stack  | Not in Stack       |  |  |
|         |                            | Polarization   | Horizontal         |  |  |
|         |                            | Туре   | Slotted<br>Coaxial |  |  |
|         |                            | Number of Stations Supported   | N/A                |  |  |
|         |                            | Number of Panels/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)                                      | 380.0 kW           |  |  |
|         |                            | Manufacturer   |                    |  |  |
|         |                            |  |                    |  |  |

| Model                         | TFU-16JSC-<br>R C170   |
|-------------------------------|--|
| Year                          | 2017   |
| Justification for New Antenna | See attached<br>Antenna and<br>Supplementa<br>Antenna<br>Exhibits. |

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

#### Other Antenna Costs

| Primary<br>Antenna | Other Antenna Cost Not Listed |  |  |  |
|--------------------|-------------------------------|--|--|--|
|                    | Name                          | Description  |  |  |
|                    | Support Pole                  | Top mount support pole and antenna mounting brackets.  |  |  |
|                    | Input Complex                 | Includes the necessary line sections,<br>hangers, elbows, and engineering design to<br>get the line from inside the tower up through<br>the support pole to the antenna input. |  |  |

# Other Antenna Cast Not Listed

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

| ransmissio | Section                                   | Question   | Response             |
|------------|---|--|----------------------|
|            | Existing Transmission<br>Line 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 the existing transmission line shared with another station or stations? | No                   |
|            |   | Is Transmission Line in operating condition?                               | Yes                  |
|            | Existing Transmission                     | Manufacturer   |                      |
|            | Line Manufacturer and<br>Type             | Туре   | Rigid                |
|            |   | Diameter   | 6 1/8<br>inches      |
|            |   | Other Diameter   | N/A                  |
|            |   | Segment Length   | 20 inches            |
|            |   | Other Segment Length   | N/A                  |
|            |   | Number of parallel runs  | 1                    |
|            |   | Length   | 1530 feet<br>per run |

# Primary Existing Transmission Line

| Primary     | New Transmission Line   |   |                                       |
|-------------|---|---|---------------------------------------|
| Transmissio | n Line<br>Section   | Question                                | Response                              |
|             | New Transmission Line     Use       Costs     Description of Use  | Use                                     | Primary<br>(Main)                     |
|             |   | N/A                                     |                                       |
|             |   | Change Type                             | Purchase<br>New                       |
|             | Is this a request for upgraded equipment?<br>Type<br>Diameter<br>Other Diameter<br>Segment Length<br>Other Segment Length<br>Number of parallel runs<br>Length<br>Justification for New Transmission Line | No                                      |                                       |
|             |   | Туре                                    | Rigid                                 |
|             |   | Diameter                                | 6 1/8<br>inches                       |
|             |   | Other Diameter                          | N/A                                   |
|             |   | Segment Length                          | 20 inches                             |
|             |   | Other Segment Length                    | N/A                                   |
|             |   | Number of parallel runs                 | 1                                     |
|             |   | Length                                  | 1580 feet<br>per run                  |
|             |   | Justification for New Transmission Line | See<br>attached<br>Antenna<br>Exhibit |

| Primary     | Other Transmission Line Expenses Not Listed |                                  |  |
|-------------|---|----------------------------------|--|
| Transmissio | n Line                                      | Description                      |  |
|             | Sweep existing transmission line            | Sweep existing transmission line |  |

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

# Primary Existing Tower

|   |   | ••• |   |   |   | , |
|---|---|-----|---|---|---|---|
| T | C | )\  | V | e | r |   |

| Section                           | Question  | Response          |
|-----------------------------------|---|-------------------|
| Existing Tower                    | Type of change  | Modify Existing   |
| Description                       | 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? | 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?            | Unknown           |
|                                   | Is tower compliant with Rev G?                          | No                |
| Existing Tower                    | Do you have a tower registration number?                | Yes               |
| Structure<br>Registration         | ASR Number  | 1038158           |
| Coordinates (NAD83 (              | Latitude (NAD83)  | 28° 05' 52.5" N-  |
| North American<br>Datum of 1983)) | Longitude (NAD83)                                       | 081° 07' 50.7" W- |
|                                   | Overall Structure Height                                | 1544.93 feet      |
|                                   | Support Structure Height                                | 1501.95 feet      |
|                                   | Ground Elevation Above Mean Sea Level (AMSL)            | 82.02 feet        |
|                                   |   |                   |

| Structure Type   | GTOWER -<br>Guyed Structure<br>Used for<br>Communication<br>Purposes       |
|------------------|--|
| Tower Owner      | SpectraSite<br>Communications,<br>LLC. through<br>American<br>Towers, LLC. |
| Date Constructed | 12/15/1997   |

# Primary 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:     | Serious<br>Reinforcements<br>needed                                   |

# Primary Tower Rigging Costs

# SectionQuestionResponseTower Rigging CostsComplex TowerN/AHelicopter Services<br/>RequiredAre helicopter services required?No

# Primary Other Tower Expenses Not Listed

Tower

Tower

Tower

Information not provided.

| Outside      | Section  | Question   | Response                         |
|--------------|--|--|----------------------------------|
| Professional | Services Costs<br>Outside Project<br>Management Services | Do you require outside project management services?                          | Yes                              |
|              |  | Number of Hours  | 180                              |
|              |  | Explanation  | Required<br>by tower<br>landlord |
|              | Outside RF consulting<br>Engineering Services            | Perform engineering study for new channel assignment and antenna development | Yes                              |
|              |  | Prepare engineering section of Form FCC<br>Construction Permit Application   | Yes                              |
|              |  | For Auxiliary Facility   | No                               |
|              |  | For Main Facility  | Yes                              |
|              |  | Prepare engineering section of Form FCC<br>License to Cover Application      | Yes                              |
|              |  | For Auxiliary Facility   | No                               |
|              |  | For Main Facility  | Yes                              |
|              |  | Prepare request for Special Temporary<br>Authority                           | Yes                              |
|              |  | Quantity   | 1                                |
|              |  | Do you have Distributed Transmission<br>System engineering services?         | N/A                              |
|              |  | Critical Facility  | N/A                              |
|              |  | Terrain-Shielded Facility  | N/A                              |
|              | Attorney and Other<br>Outside Consulting                 | Prepare and file Form FCC Construction<br>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<br>Authority   | Yes |
|                                  | Quantity   | 1   |
|                                  | NEPA Section 106 environmental review  | Yes |
|                                  | Environmental Assessment   | Yes |
|                                  | ASR Modification   | Yes |
|                                  | FAA Consultation (including preparation of FAA Form 7460)                                  | Yes |
|                                  | 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 |
| RF Field Engineering<br>Services | Comprehensive coverage verification via field study  | Yes |
|                                  | RF exposure measurements   | Yes |
|                                  | Additional Field Engineering Service   | No  |
|                                  | Number of Days   | N/A |
|                                  | Justification  | N/A |

Other Professional Services Expenses Not Listed Professional Services roostsided.

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

# Other Expenses Not Listed

**Expenses** Information not provided.

# Transmitters

## Cost Information

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>Transmitter<br>THU9-16<br>EVO                  | \$1,311,910.00                 | \$1,015,298.24    |                                    | \$406,796.56 |  |
| RF<br>Interconnect  | \$25,000.00                    | \$25,000.00       | N/A                                | N/A          | N/A  |
| Removal of<br>existing<br>equipment                       | \$25,000.00                    | \$25,000.00       | N/A                                | N/A          | N/A  |
| Additional<br>field<br>engineering<br>time, 10-30<br>days | \$63,100.00                    | \$60,000.00       | N/A                                | N/A          | N/A  |
| Channel 14<br>Mask Filter                                 | \$189,500.00                   | \$180,000.00      | N/A                                | N/A          | N/A  |
| RF<br>Consulting<br>Engineer                              | \$5,260.00                     | \$5,000.00        | N/A                                | \$3,875.00   | Estimated<br>Cost based<br>on Pre-<br>determined<br>Cost<br>Estimate.<br>Actual<br>Costs<br>greater<br>than<br>Estimated<br>Costs. |
| 5 Ton<br>system   | \$20,250.00                    | \$19,250.00       | N/A                                | N/A          | N/A  |
| Transformer<br>3 phase<br>/480v - 300<br>KVA              | \$36,800.00                    | \$35,000.00       | N/A                                | N/A          | N/A  |

| UHF -<br>Liquid<br>Cooled<br>Solid State<br>Transmitter<br>21 - 31 kW | \$947,000.00   | \$666,048.24   | See<br>attached<br>Rohde and<br>Schwarz<br>transmitter<br>quote. | \$402,921.56 | N/A |
|---|----------------|----------------|--|--------------|-----|
| Sub-total   | \$1,311,910.00 | \$1,015,298.24 | N/A  | \$406,796.56 | N/A |
| Total for all systems   | \$3,609,525.00 | \$3,036,223.24 | N/A  | \$429,421.56 | N/A |

# Components

| Actual Information<br>Description             | File Name                 |
|---|---------------------------|
| RF Interconnect                               | Information not provided. |
| Removal of existing equipment                 | Information not provided. |
| Additional field engineering time, 10-30 days | Information not provided. |
| Channel 14 Mask Filter                        | Information not provided. |

| RF Consulting Engineer |                           |  |
|------------------------|---------------------------|--|
|                        | Component Description:    | RF Consulting<br>Engineering to<br>determine correct<br>mask filter to avoid<br>interference for<br>Channel 14<br>reassignment.<br>Hourly supporting<br>documentation<br>attached. This<br>invoice has been<br>paid.               |
|                        | Amount:                   | \$2,000.00   |
|                        | Component Description:    | RF Consulting<br>Engineering for<br>channel search for<br>alternate UHF<br>channel options for<br>Channel 14<br>reassignment.<br>Hourly supporting<br>documentation<br>attached. This<br>invoice has been<br>paid.                 |
|                        | Amount:                   | \$1,875.00   |
|                        | Component Description:    | RF Consulting<br>Engineering to<br>determine correct<br>mask filter to avoid<br>interference for<br>Channel 14<br>reassignment.<br>Hourly supporting<br>documentation<br>attached. This<br>invoice has been<br>paid.<br>\$5,000.00 |
| 5 Ton system           | Information not provided. |  |

| Transformer 3 phase/480v -<br>300 KVA                        | Information not provided. |  |
|--|---------------------------|--|
| UHF - Liquid Cooled Solid<br>State Transmitter 21 - 31<br>kW | Component Description:    | "Deposit" payment<br>on Rohde &<br>Schwarz<br>transmitter.<br>Supporting<br>documentation<br>attached. This<br>invoice has been<br>paid.                           |
|  | Amount:                   | \$1,070.00   |
|  | Component Description:    | 3rd "milestone"<br>35% payment on<br>Rohde & Schwarz<br>transmitter.<br>Supporting<br>documentation<br>attached. This<br>invoice has been<br>paid.<br>\$216,381.61 |
|  | Component Description:    | 2nd "milestone"<br>30% payment on<br>Rohde & Schwarz<br>transmitter.<br>Supporting<br>documentation<br>attached. This<br>invoice has been<br>paid.                 |
|  | Amount:                   | \$185,469.95   |

## Antennas

#### Cost Information

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

| Description   | Predetermined                 | Estimated            | Estimated<br>Cost |              | Actual Cost   |
|---|-------------------------------|----------------------|-------------------|--------------|---------------|
| Description<br>Primary<br>Antenna<br>TFU-16JSC-<br>R C170   | Cost Estimate<br>\$403,815.00 | Cost<br>\$298,607.00 | Justification     | \$0.00       | Justification |
| Input<br>Complex  | \$19,622.00                   | \$19,622.00          | N/A               | N/A          | N/A           |
| Support<br>Pole   | \$118,163.00                  | \$118,163.00         | N/A               | N/A          | N/A           |
| Elbow<br>complex,<br>single<br>channel, at<br>antenna<br>input, per 6<br>1/8.<br>feedline (if<br>needed)      | \$12,300.00                   | \$11,700.00          | N/A               | N/A          | N/A           |
| Sweep test<br>of existing<br>antenna  | \$6,730.00                    | \$6,400.00           | N/A               | N/A          | N/A           |
| UHF - High<br>Power Top<br>Mount<br>(200-1000<br>kW), One<br>station<br>antenna,<br>horizontally<br>polarized | \$247,000.00                  | \$142,722.00         | N/A               | N/A          | N/A           |
| Sub-total   | \$403,815.00                  | \$298,607.00         | N/A               | \$0.00       | N/A           |
| Total for<br>all<br>systems   | \$3,609,525.00                | \$3,036,223.24       | N/A               | \$429,421.56 | N/A           |

# Components

Information not provided.

# **Transmission Line**

## Cost Information

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                   | \$325,560.00                   | \$242,033.00      |                                    | \$0.00       |                              |
| Sweep<br>existing<br>transmission<br>line         | \$6,400.00                     | \$6,400.00        | N/A                                | N/A          | N/A                          |
| Rigid<br>Transmission<br>Line -<br>copper, 6 1/8" | \$319,160.00                   | \$235,633.00      | N/A                                | N/A          | N/A                          |
| Sub-total   | \$325,560.00                   | \$242,033.00      | N/A                                | \$0.00       | N/A                          |
| Total for all systems                             | \$3,609,525.00                 | \$3,036,223.24    | N/A                                | \$429,421.56 | N/A                          |

# Components

Information not provided.

# **Tower Equipment and Rigging Costs**

#### Cost Information

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 Tower<br>GTOWER   | \$1,288,800.00                 | \$1,226,820.00    |   | \$20,000.00  |                              |
| Tall Tower<br>(greater than<br>500')  | \$210,500.00                   | \$200,000.00      | See AT<br>Exhibit for<br>more<br>information. | \$20,000.00  | N/A                          |
| Serious tower<br>reinforcement<br>/modifications  | \$1,052,000.00                 | \$1,000,000.00    | See AT<br>Exhibit for<br>more<br>information. | N/A          | N/A                          |
| Tower<br>mapping for<br>an<br>undocumented<br>/poorly<br>documented<br>tower and<br>preparation of<br>documentation<br>necessary for<br>tower load<br>study | \$26,300.00                    | \$26,820.00       | See AT<br>Exhibit for<br>more<br>information. | N/A          | N/A                          |
| Sub-total   | \$1,288,800.00                 | \$1,226,820.00    | N/A   | \$20,000.00  | N/A                          |
| Total for all systems   | \$3,609,525.00                 | \$3,036,223.24    | N/A   | \$429,421.56 | N/A                          |

#### Components

| Actual Information |           |
|--------------------|-----------|
| Description        | File Name |

| Tall Tower (greater than   |                           |   |
|--|---------------------------|---|
| 500')  | Component Description:    | Down payment<br>associated with<br>securing tower<br>service. Note that<br>amount is not<br>additional to cost of<br>tower rigging and<br>will be deducted<br>from total cost of<br>tower rigging at the<br>time it is quoted.<br>Supporting<br>documentation<br>attached. This<br>invoice has been<br>paid.<br>\$20,000.00 |
| Serious tower reinforcement<br>/modifications  | Information not provided. |   |
| Tower mapping for an<br>undocumented/poorly<br>documented tower and<br>preparation of<br>documentation necessary<br>for tower load study | Information not provided. |   |

# **Outside Professional Services**

## Cost Information

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 |
|---|--------------------------------|-------------------|------------------------------------|-------------|------------------------------|
| Outside<br>Professional<br>Services   | \$189,650.00                   | \$171,280.00      |                                    | \$2,625.00  |                              |
| RF Exposure<br>Measurements   | \$21,050.00                    | \$20,000.00       | N/A                                | N/A         | N/A                          |
| Comprehensive<br>coverage<br>verification via<br>field study, if<br>needed  | \$84,200.00                    | \$80,000.00       | N/A                                | N/A         | N/A                          |
| FAA<br>consultant,<br>including cost<br>of preparing<br>FAA Form<br>7460 (Notice of<br>Proposed<br>Construction),<br>if needed for<br>height increase | \$2,105.00                     | \$2,000.00        | N/A                                | N/A         | N/A                          |
| ASR<br>modification<br>(prepare FCC<br>Form 854)  | \$2,105.00                     | \$2,000.00        | N/A                                | N/A         | N/A                          |
| Environmental<br>Assessment, if<br>triggered by<br>NEPA Section<br>106 review or<br>for certain<br>structures over<br>450 feet                        | \$10,520.00                    | \$10,000.00       | N/A                                | N/A         | N/A                          |

| NEPA Section<br>106<br>environmental<br>review, if<br>needed   | \$6,310.00 | \$6,000.00 | N/A | N/A | N/A |
|--|------------|------------|-----|-----|-----|
| Attorney Fees -<br>Prepare and<br>File request for<br>Special<br>Temporary<br>Authorization              | \$3,680.00 | \$3,500.00 | N/A | N/A | N/A |
| Attorney Fees -<br>Negotiation of<br>lease and other<br>matters for<br>shared<br>locations               | \$4,210.00 | \$4,000.00 | N/A | N/A | N/A |
| Attorney Fees -<br>Prepare and<br>File FCC Form<br>2100 (main),<br>License to<br>Cover<br>Application    | \$2,365.00 | \$2,250.00 | N/A | N/A | N/A |
| Attorney Fees -<br>Prepare and<br>File FCC Form<br>2100 (main),<br>Construction<br>Permit<br>Application | \$5,260.00 | \$5,000.00 | N/A | N/A | N/A |
| Prepare<br>request for<br>Special<br>Temporary<br>Authorization  | \$2,050.00 | \$1,500.00 | N/A | N/A | N/A |
| Prepare<br>engineering<br>section of FCC<br>Form 2100<br>(main), License<br>to Cover<br>Application      | \$1,580.00 | \$1,500.00 | N/A | N/A | N/A |

| Prepare<br>engineering<br>section of FCC<br>Form 2100<br>(main),<br>Construction<br>Permit<br>Application | \$3,155.00     | \$3,000.00     | N/A   | \$2,500.00   | N/A |
|---|----------------|----------------|---|--------------|-----|
| Perform<br>engineering<br>study for new<br>channel<br>assignment<br>and antenna<br>development            | \$7,360.00     | \$7,000.00     | N/A   | \$125.00     | N/A |
| Address<br>transition<br>timing and<br>coordination<br>issues w/ other<br>stations and<br>wireless        | \$2,630.00     | \$2,500.00     | N/A   | N/A          | N/A |
| Prepare and or<br>review<br>reimbursement<br>form   | \$2,630.00     | \$2,500.00     | N/A   | N/A          | N/A |
| Project<br>management of<br>the transition  | \$28,440.00    | \$18,530.00    | See AT<br>Exhibit for<br>more<br>information. | N/A          | N/A |
| Sub-total   | \$189,650.00   | \$171,280.00   | N/A   | \$2,625.00   | N/A |
| Total for all systems   | \$3,609,525.00 | \$3,036,223.24 | N/A   | \$429,421.56 | N/A |

# Components

| Actual Information<br>Description | File Name                 |
|-----------------------------------|---------------------------|
| RF Exposure<br>Measurements       | Information not provided. |

|  | *                         |
|--|---------------------------|
| Comprehensive coverage verification via field study, if needed   | Information not provided. |
| FAA consultant, including<br>cost of preparing FAA Form<br>7460 (Notice of Proposed<br>Construction), if needed for<br>height increase | Information not provided. |
| ASR modification (prepare<br>FCC Form 854)   | Information not provided. |
| Environmental<br>Assessment, if triggered by<br>NEPA Section 106 review<br>or for certain structures<br>over 450 feet                  | Information not provided. |
| NEPA Section 106<br>environmental review, if<br>needed   | Information not provided. |
| Attorney Fees - Prepare<br>and File request for Special<br>Temporary Authorization   | Information not provided. |
| Attorney Fees - Negotiation<br>of lease and other matters<br>for shared locations  | Information not provided. |
| Attorney Fees -Prepare and<br>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 Permit<br>Application  | Information not provided. |
| Prepare request for Special<br>Temporary Authorization   | Information not provided. |
| Prepare engineering<br>section of FCC Form 2100<br>(main), License to Cover<br>Application   | Information not provided. |
|  |                           |

| Prepare engineering<br>section of FCC Form 2100<br>(main), Construction Permit<br>Application | Component Description:    | Cost of RF<br>consultant<br>preparation of<br>engineering<br>section of FCC<br>Form 2100. Hourly<br>supporting<br>documentation<br>attached. This<br>invoice has been<br>paid.<br>\$2,500.00  |
|---|---------------------------|---|
| Perform engineering study<br>for new channel<br>assignment and antenna<br>development         | Component Description:    | Cost of RF<br>consultant work for<br>new channel<br>assignment and<br>antenna<br>development.<br>Hourly supporting<br>documentation<br>attached. This<br>invoice has been<br>paid.<br>\$62.50 |
|   | Component Description:    | Cost of RF<br>consultant work for<br>new channel<br>assignment and<br>antenna<br>development.<br>Hourly supporting<br>documentation<br>attached. This<br>invoice has been<br>paid.<br>\$62.50 |
| Address transition timing<br>and coordination issues w/<br>other stations and wireless        | Information not provided. |   |

| Prepare and or review reimbursement form | Information not provided. |
|--|---------------------------|
| Project management of the transition     | Information not provided. |

# **Other Expenses**

# Cost Information

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

| Description   | Predetermined<br>Cost Estimate | Estimated<br>Cost | Estimated<br>Cost<br>Justification   | Actual Cost | Actual Cost<br>Justification |
|---|--------------------------------|-------------------|--|-------------|------------------------------|
| Other<br>Expenses   | \$89,790.00                    | \$82,185.00       |  | \$0.00      |                              |
| MVPD<br>Notification of<br>Channel<br>Change  | \$1,600.00                     | \$1,600.00        | N/A  | N/A         | N/A                          |
| Develop and<br>air<br>announcement<br>of upcoming<br>channel<br>change                  | \$0.00                         | \$0.00            | The amount is<br>yet to be<br>determined<br>(TBD) and<br>ION will<br>submit on-air<br>announcement<br>costs when<br>finalized. | N/A         | N/A                          |
| Equipment<br>Storage  | \$10,000.00                    | \$10,000.00       | N/A  | N/A         | N/A                          |
| Equipment<br>Delivery and<br>Handling<br>Charges  | \$10,000.00                    | \$10,000.00       | N/A  | N/A         | N/A                          |
| Disposal<br>Costs (for<br>equipment and<br>other waste,<br>net of any<br>salvage value) | \$15,000.00                    | \$15,000.00       | N/A  | N/A         | N/A                          |
| Non-zoning<br>permits   | \$15,000.00                    | \$15,000.00       | N/A  | N/A         | N/A                          |
| Local Zoning  | \$25,000.00                    | \$25,000.00       | N/A  | N/A         | N/A                          |

| FCC Filing<br>Fees - Special<br>Temporary<br>Authorization<br>request | \$195.00       | \$190.00       | N/A | N/A          | N/A |
|---|----------------|----------------|-----|--------------|-----|
| FCC Filing<br>Fees - Form<br>2100 license<br>to cover<br>application  | \$335.00       | \$325.00       | N/A | N/A          | N/A |
| DTV Medical<br>Facility<br>Notification                               | \$11,550.00    | \$4,000.00     | N/A | N/A          | N/A |
| FCC Filing<br>Fees - Form<br>2100 minor<br>change CP<br>application   | \$1,110.00     | \$1,070.00     | N/A | N/A          | N/A |
| Sub-total   | \$89,790.00    | \$82,185.00    | N/A | \$0.00       | N/A |
| Total for all systems   | \$3,609,525.00 | \$3,036,223.24 | N/A | \$429,421.56 | N/A |

# Components

Information not provided.

| Cost<br>Information | Grand Total           |                                |                |              |
|---------------------|-----------------------|--------------------------------|----------------|--------------|
|                     |                       | Predetermined<br>Cost Estimate | Estimated Cost | Actual Cost  |
|                     | Total for all systems | \$3,609,525.00                 | \$3,036,223.24 | \$429,421.56 |

| 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<br>submitted no further costs are expected to<br>be incurred. Note this will lock the Form 399<br>from further editing and begin close-out<br>procedures with the Fund Administrator. | No       |

| Certification | Section  | Question  | Response |
|---------------|--|---|----------|
|               | Submission of Estimated<br>Expenses Statements | WILLFUL FALSE STATEMENTS ON THIS<br>FORM ARE PUNISHABLE BY FINE AND<br>/OR IMPRISONMENT (U.S. CODE, TITLE<br>18, SECTION 1001), AND/OR<br>REVOCATION OF ANY STATION<br>LICENSE OR CONSTRUCTION PERMIT<br>(U.S. CODE, TITLE 47, SECTION 312(a)<br>(1), AND/OR FORFEITURE (U.S. CODE,<br>TITLE 47, SECTION 503), AND ANY<br>FALSE STATEMENTS COULD SUBJECT<br>THIS ENTITY TO LIABILITY UNDER THE<br>FALSE CLAIMS ACT. |          |
|               |  | <ol> <li>The Authorized<br/>Person signing<br/>below certifies that he<br/>/she is authorized to<br/>submit this TV<br/>Broadcaster<br/>Relocation Fund<br/>Reimbursement<br/>Form on behalf of<br/>the above-named<br/>entity.</li> <li>The above-named</li> </ol>   |          |
|               |  | entity acknowledges<br>that all certifications<br>and attached<br>documentation are<br>considered material<br>representations.  |          |
|               |  | 3. The above-named<br>entity acknowledges<br>the submission of the<br>information herein<br>creates no obligation<br>on the part of the<br>government to pay<br>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).
- 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<br>entity certifies that it<br>is in full compliance<br>with all statutes,<br>rules, regulations<br>and governmental<br>requirements for<br>which compliance is<br>a pre-requisite for<br>obtaining the<br>payments herein<br>requested. |   |
|-----------------|--|---|
| an aut<br>namee | are, under penalty of perjury, that I am<br>horized representative of the above-<br>d applicant for the Authorization(s)<br>ied above.   | Mario<br>Vasquez<br>Vice<br>President -<br>Finance,<br>Operations |

| Certification | Section  | Question   | Response |
|---------------|--|--|----------|
|               | Submission of Actual<br>Cost Documentation<br>Statements | WILLFUL FALSE, FRAUDULENT, OR<br>FICTITIOUS STATEMENTS ON THIS<br>FORM ARE PUNISHABLE BY FINE AND<br>/OR IMPRISIONMENT (U.S. CODE, TITLE<br>18, SECTION 1001), AND/OR<br>REVOCATION OF ANY STATION<br>LICENSE OR CONSTRUCTION PERMIT<br>(U.S. CODE, TITLE 47, SECTION 312(a)<br>(1), AND/OR FORFEITURE (U.S. CODE,<br>TITLE 47, SECTION 503), AND ANY<br>FALSE AND/OR FRAUDULENT<br>STATEMENTS COULD SUBJECT THIS<br>ENTITY TO LIABILITY UNDER THE<br>FALSE CLAIMS ACT (U.S. CODE, TITLE<br>31, SECTIONS 3729-3733). |          |
|               |  | <ol> <li>The Authorized<br/>Person signing<br/>below certifies and<br/>represents that he<br/>/she is authorized to<br/>submit this TV<br/>Broadcaster<br/>Relocation Fund<br/>Reimbursement<br/>Form on behalf of<br/>the above-named<br/>entity.</li> </ol>  |          |
|               |  | 2. The above-named<br>entity certifies that<br>the statements in this<br>form and attached<br>documentation are<br>true, complete, and<br>correct.   |          |
|               |  | 3. The above-named<br>entity acknowledges<br>that all certifications<br>and attached<br>documentation are<br>considered material<br>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).
- 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.

| <ul> <li>8. The above-named<br/>entity acknowledges<br/>that overpayments or<br/>payments in error<br/>must be promptly<br/>refunded to the<br/>Commission.</li> <li>9. The above-named<br/>entity certifies that it<br/>is in full compliance<br/>with all statutes,<br/>rules, regulations<br/>and governmental<br/>requirements for<br/>which compliance is<br/>a prerequisite for<br/>obtaining the<br/>payments herein<br/>requested.</li> </ul> |   |
|---|---|
| I declare, under penalty of perjury, that I am<br>an authorized representative of the above-<br>named applicant for the Authorization(s)<br>specified above.  | Mario<br>Vasquez<br>Vice<br>President -<br>Finance,<br>Operations<br>05/09/2019 |

# Attachments

\_\_\_\_\_