Approved by OMB (Office of Management and Budget) 3060-1178

Federal Communications Commission

(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility ID: **66358** | Service: **DTV** | Call Sign: **WLRN-TV** | Channel: **26 (UHF)**

File Number: **0000027823**

FRN: **0004998118** | Date Submitted: **11/29/2021**

## Applicant Information

### Applicant Name, Type, and Contact Information

| Applicant | Address | Phone | Email | Applicant Type |
|---|---|---|---|---|
| **THE SCHOOL BOARD OF MIAMI - DADE COUNTY, FL** | John LaBonia<br>172 NE 15TH ST<br>MIAMI, FL 33132<br>United States | +1 (305) 995-2259 | jlabonia@wlrn.org | Government Entity |

## Reimbursement Contact Information

### Reimbursement Contact Name and Information

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

## Preparer Contact Information

### Preparer Contact Name and Information

| Applicant | Address | Phone | Email |
|---|---|---|---|
| **Ryan C Wilhour**<br>*Consulting Engineer*<br>*Kessler and Gehman Associates, Inc.* | Ryan C Wilhour<br>507 NW 60th Street<br>Suite D<br>Gainesville, FL 32607<br>United States | +1 (352) 332-3157 | ryan@kesslerandgehman.com |

## Broadcaster Information and Transition Plan

| Question | Response |
|---|---|
| Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information. | No |
| Briefly describe transition plan | Replace main transmitter using existing antenna and line. Replace auxiliary antenna and transmission line. Map and analyze tower; design and implement modifications if required. See attachment. |

## 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 | Purchase New |
| | Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is this transmitter currently shared with another station? | No |
| | Is this transmitter currently in operating condition? | Yes |
| **Existing Transmitter Manufacturer and Type** | Manufacturer | |
| | Model | Sigma |
| | Year | 2008 |
| | Type | Inductive Output Tube |
| | IOT Power Type | Two |
| | Power Capacity | 42 kW |

## Primary Transmitter

### New Transmitter Costs

| Section | Question | Response |
|---|---|---|
| **New Transmitter** | Use | Primary (Main) |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Manufacturer | |
| | Model | THU9evo-24 |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 37 kW |
| | Justification for New Transmitter | The manufacturer of the existing IOT transmitter advises that the transmitter cannot be re-tuned to the assigned channel. A new Comark Paragon MSDC IOT transmitter is the basis for a replacement as suggested by the FCC. See attachment. |

## Primary Transmitter

### Other Transmitter Costs

| Section | Question | Response |
|---|---|---|
| **Electrical Service** | Service Entrance (3 phases 800A 208V) | No |
| | Switchgear (industrial 800 amp) | Yes |
| | Transformer (480V) | Yes |
| | Power | 300 kVA |
| | Rigid Conduit and Wiring | Yes |
| | Size | 3 inches |
| | Length | 100.0 feet |
| | 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 |
| **Transmitter Building Addition/Modification or Leasehold Improvement** | Does the Transmitter Building require an addition, modification, other leashold improvement? | No |
| | Size | N/A |
| **Channel 14 Costs** | Is an RF Consulting Engineer needed? | N/A |
| | Is a channel 14 Mask Filer needed? | N/A |
| | Is additional field engineering time needed? | N/A |
| | Number of Days | N/A |

## Primary Transmitter

### Other Transmitter Cost Not Listed

| Name | Description |
|---|---|
| **Consolidation service** | Consolidation service |
| **Additional Site Requirements** | Additional Site Requirements |

| | |
|---|---|
| **Standby Exciter and Switch** | Standby Exciter with Automatic Change Over Switch |
| **Additional Interior RF System** | Interior RF System Existing Transmitter to Interim Transmission line |

## Interim Transmitter

### New Transmitter Costs

| Section | Question | Response |
|---|---|---|
| **New Transmitter** | Use | Interim |
| | Description of Use | N/A |
| | Change Type | Purchase |
| | Manufacturer | |
| | Model | THU9evo-12 |
| | Transmitter Type | Solid State |
| | Solid State Cooling | Liquid Cooled |
| | Solid State Power capacity | 19 kW |
| | Justification for New Transmitter | See attached Cover Letter with Rohde Schwarz invoice 9500092488 and associated Quote 123089.2 which are all with the uploaded PDF titled "R&S 9500092488 v190725jgv1.pdf" |

## Interim 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 |
| **Transmitter Building Addition/Modification or Leasehold Improvement** | Does the Transmitter Building require an addition, modification, other leashold improvement? | No |
| | Size | N/A |
| **Channel 14 Costs** | Is an RF Consulting Engineer needed? | N/A |
| | Is a channel 14 Mask Filer needed? | N/A |
| | Is additional field engineering time needed? | N/A |
| | Number of Days | N/A |
| **Inside RF System** | Is an additional interior RF system required to support this interim transmitter? | Yes |

## Interim 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 Description** | Type of change | Retune Existing |
| | Antenna Use | Primary (Main) |
| | Description of Use | N/A |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is the existing antenna shared with another station or stations? | No |
| | Is the existing antenna directional? | Yes |
| | Is antenna in operating condition? | Yes |
| | Is antenna located on or in close proximity to an antenna farm? | No |
| **Existing Antenna Manufacturer and Type** | Class | Full Power |
| | Mounting | Top Mount |
| | Antenna position in stack | Top |
| | Polarization | Horizontal |
| | Type | Broadband Panel |
| | Number of Stations Supported | 1 |
| | Number of Panels | 48 |
| | Design power capacity in use | 100.0 % |
| | Lower Limit | 470.00 MHz |

| | |
|---|---|
| Upper Limit | 692.00 MHz |
| Other Antenna Type | N/A |
| ERP: (Effective Radiated Power) | 870.0 kW |
| Manufacturer | Dielectric |
| Model | TUF-BP4SP-12 /48USP-1-T |
| Year | 2008 |

**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? | No |
| | Type | |
| | Number of channels supported | N/A |
| | Frequencies of channels supported | N/A |
| | Frequency | |

**Primary Antenna**

### Other Antenna Cost Not Listed

Information not provided.

## Auxiliary Antenna

### Existing Antenna Information

| Section | Question | Response |
|---|---|---|
| **Existing Antenna Description** | Type of change | Purchase New |
| | Antenna Use | Auxiliary (Backup) |
| | Description of Use | Auxiliary |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is the existing antenna shared with another station or stations? | No |
| | Is the existing antenna directional? | Yes |
| | Is antenna in operating condition? | Yes |
| | Is antenna located on or in close proximity to an antenna farm? | No |
| **Existing Antenna Manufacturer and Type** | Class | Full Power |
| | Mounting | Side Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Horizontal |
| | Type | Slotted 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) | 198.0 kW |
| | | |

| | |
|---|---|
| Manufacturer | |
| Model | TLP-16 I (C) |
| Year | 2009 |

## Auxiliary Antenna

### New Antenna Costs

| Section | Question | Response |
|---|---|---|
| **New Antenna Description** | Use | Auxiliary (Backup) |
| | Description of Use | Auxiliary |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Ownership | Owned |
| | Owner | N/A |
| | Is antenna shared? | No |
| | Is antenna directional? | Yes |
| | Will antenna be located on or in close proximity to an antenna farm? | No |
| **New Antenna Manufacturer and Types** | Class | Full Power |
| | Mounting | Side Mount |
| | Antenna position in stack | Not in Stack |
| | Polarization | Horizontal |
| | Type | Slotted Coaxial |
| | Number of Stations Supported | N/A |
| | Number of Panels/Bays | N/A |
| | Lower Limit | N/A |
| | Upper Limit | N/A |
| | Design power capacity in use | N/A |
| | Other Antenna Type | N/A |
| | ERP: (Effective Radiated Power) | 198.0 kW |
| | Manufacturer | |

| | | |
|---|---|---|
| | Model | TFU-12JSC-R BP230 |
| | Year | 2018 |
| | Justification for New Antenna | Existing auxiliary antenna cannot be used on the new channel. |

## Auxiliary Antenna

### Other Antenna Costs

| Section | Question | Response |
|---|---|---|
| **Combiner for Shared Antenna** | Do you need a Combiner for a Shared Antenna? | |
| | Type | |
| | Number of channels supported | N/A |
| | Frequencies of channels supported | N/A |
| | Frequency | N/A |
| | Do you need a combiner output splitter /switcher for dual feed lines? | N/A |
| **Elbow Complex** | Do you require the separate purchase of the Elbow Complex? | Yes |
| | Broadband or Single Channel? | Single Channel |
| | Feed Line Size | 4 1/16 inches inches |
| **Side Mount Brackets** | Do you require the separate purchase of side mount brackets for a high power antenna? | Yes |
| **Pattern Scatter Analysis** | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | Yes |

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

## Auxiliary 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? | No |
| | Is Transmission Line in operating condition? | Yes |
| **Existing Transmission Line Manufacturer and Type** | Manufacturer | Dielectric |
| | Type | Rigid |
| | Diameter | 7 3/16 inches |
| | Other Diameter | N/A |
| | Segment Length | Broadband |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 1120 feet per run |

## Primary Transmission Line

### Other Transmission Line Expenses Not Listed

| Name | Description |
| --- | --- |
| **Sweep Tests** | Sweep tests to verify line on new channel |

## Auxiliary Transmission Line

### Existing Transmission Line

| Section | Question | Response |
|---|---|---|
| **Existing Transmission Line Description** | Type of change | Purchase New |
| | Use | Auxiliary (Backup) |
| | Description of Use | Auxiliary |
| | Ownership | Owned |
| | Owner | N/A |
| | Site | N/A |
| | Is the existing transmission line shared with another station or stations? | No |
| | Is Transmission Line in operating condition? | Yes |
| **Existing Transmission Line Manufacturer and Type** | Manufacturer | |
| | Type | Rigid |
| | Diameter | 6 1/8 inches |
| | Other Diameter | N/A |
| | Segment Length | 19 1/2 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 1000 feet per run |

## Auxiliary Transmission Line

### New Transmission Line

| Section | Question | Response |
|---|---|---|
| **New Transmission Line Costs** | Use | Auxiliary (Backup) |
| | Description of Use | Auxiliary |
| | Change Type | Purchase New |
| | Is this a request for upgraded equipment? | No |
| | Type | Rigid |
| | Diameter | 4 1/16 inches |
| | Other Diameter | N/A |
| | Segment Length | 20 inches |
| | Other Segment Length | N/A |
| | Number of parallel runs | 1 |
| | Length | 900 feet per run |
| | Justification for New Transmission Line | The segment lengths are unknown. The station will only purchase new line if the lengths are not compatible with the new channel. |

## Auxiliary Transmission Line

### Other Transmission Line Expenses Not Listed

| Name | Description |
|---|---|
| **Other Transmission Line Parts** | Other Transmission Line Parts |

## 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 | Owned |
| | 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? | No |
| | Is tower compliant with Rev G? | Yes |
| **Existing Tower Structure Registration** | Do you have a tower registration number? | Yes |
| | ASR Number | 1041402 |
| **Coordinates (NAD83 ( North American Datum of 1983))** | Latitude (NAD83) | 25° 58' 47.0" N- |
| | Longitude (NAD83) | 080° 11' 45.0" W- |
| | Overall Structure Height | 1010.49 feet |
| | Support Structure Height | 971.12 feet |
| | Ground Elevation Above Mean Sea Level (AMSL) | 9.84 feet |

| | |
|---|---|
| Structure Type | TOWER - Free Standing or Guyed Structure |
| Tower Owner | The School Board of Miami-Dade County, Florida |
| Date Constructed | 10/17/2002 |

### 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 |
|---|---|---|
| 66339 | WLRN-FM | FM |

### Other Types of Users

| Users |
|---|
| Various microwv |

**Primary Tower**

### Tower Modification Costs

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

**Primary Tower**

### Tower Rigging Costs

| Section | Question | Response |
|---|---|---|
| **Tower Rigging Costs** | Complex Tower | N/A |
| **Helicopter Services Required** | Are helicopter services required? | Yes |

**Primary Tower**

### Other Tower Expenses Not Listed

Information not provided.

## Outside Professional Services Costs

| Section | Question | Response |
|---|---|---|
| **Outside Project Management Services** | Do you require outside project management services? | Yes |
| | Number of Hours | 168 |
| | Explanation | It will be necessary to schedule and coordinate multiple vendors, complete progress reports, and update Schedule 399. Station does not have available personnel or personnel trained in project management for such complex projects. |
| **Outside RF consulting Engineering Services** | Perform engineering study for new channel assignment and antenna development | Yes |
| | Prepare engineering section of Form FCC Construction Permit Application | Yes |
| | For Auxiliary Facility | Yes |
| | For Main Facility | Yes |
| | Prepare engineering section of Form FCC License to Cover Application | Yes |
| | For Auxiliary Facility | Yes |
| | For Main Facility | Yes |
| | Prepare request for Special Temporary Authority | Yes |

| | | |
|---|---|---|
| | Quantity | 2 |
| | Do you have Distributed Transmission System engineering services? | N/A |
| | Critical Facility | N/A |
| | Terrain-Shielded Facility | N/A |
| **Attorney and Other Outside Consulting Services** | Prepare and file Form FCC Construction Permit Application | Yes |
| | For Auxiliary Facility | Yes |
| | For Main Facility | Yes |
| | Prepare and file Form FCC License to Cover Application | Yes |
| | For Auxiliary Facility | Yes |
| | For Main Facility | Yes |
| | Prepare request for Special Temporary Authority | Yes |
| | Quantity | 2 |
| | NEPA Section 106 environmental review | No |
| | Environmental Assessment | No |
| | ASR Modification | No |
| | FAA Consultation (including preparation of FAA Form 7460) | No |
| | Negotiation of Lease and other Matter for Shared Locations | No |
| | Prepare or Review FCC Form 399 for Reimbursement | Yes |
| | Address transition timing and coordination issues w/ other stations and wireless providers | Yes |
| **RF Field Engineering Services** | Comprehensive coverage verification via field study | Yes |
| | RF exposure measurements | No |
| | Additional Field Engineering Service | Yes |

| | |
|---|---|
| Number of Days | 18 |
| Justification | It will be necessary to survey the site, plan the equipment, develop specifications for purchasing, and oversee multiple vendor RF projects. Station does not have available personnel or personnel trained in such services. |

## Outside Professional Services Costs

### Other Professional Services Expenses Not Listed

| Name | Description |
|---|---|
| **Other Engineering Services** | Other Engineering Services |

## Other Expenses

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

## 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 |
|---|---|---|---|---|---|
| **Interim Transmitter THU9evo-12** | **$831,500.00** | **$494,571.00** | | **$494,571.00** | |
| UHF inside RF system including switching | $147,500.00 | $5,611.00 | See attached / uploaded PDF file titled "R&S 9500134901 v210611jgv4. pdf" | $5,611.00 | N/A |
| UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW | $684,000.00 | $488,960.00 | N/A | $488,960.00 | N/A |
| **Primary Transmitter THU9evo-24** | **$1,783,786.00** | **$1,346,891.00** | | **$1,250,591.00** | |
| Additional Interior RF System | ***$145,298.00*** | $145,298.00 | See attached / uploaded PDF files titled "R&S 9500119626 v201005jgv2. pdf" and "R&S 9500134901 v210611jgv4. pdf" | $145,298.00 | N/A |
| Standby Exciter and Switch | ***$25,000.00*** | $25,000.00 | N/A | N/A | N/A |

| | | | | | |
|---|---|---|---|---|---|
| Additional Site Requirements | ***$47,835.00*** | $47,835.00 | See attached / uploaded PDF file titled "R&S 9500130379 v210115jgv1" | $47,835.00 | N/A |
| Consolidation service | ***$12,453.00*** | $12,453.00 | See attached / uploaded PDF file titled "R&S 9500119627 v201013jgv2.pdf" | $12,453.00 | N/A |
| 3" Rigid Conduit and Wiring (Cost per foot) | $5,200.00 | $115,000.00 | See attached / uploaded PDF file titled "R&S 9500119626 v201005jgv2.pdf" | $115,000.00 | N/A |
| Transformer 3 phase/480v - 300 KVA | $36,800.00 | $35,000.00 | N/A | N/A | N/A |
| Switchgear - industrial 800 amp | $38,200.00 | $36,300.00 | N/A | N/A | N/A |
| UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW | $1,473,000.00 | $930,005.00 | N/A | $930,005.00 | N/A |
| **Sub-total** | $2,615,286.00 | $1,841,462.00 | N/A | $1,745,162.00 | N/A |
| **Total for all systems** | $4,068,762.72 | $3,355,577.70 | N/A | $2,424,096.02 | N/A |

## Components

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

| | | |
|---|---|---|
| UHF inside RF system including switching | **Component Description:**<br>**Amount:** | R&S 9500134901 v210611jgv4<br>$5,611.00 |
| UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW | **Component Description:**<br>**Amount:** | R&S 9500098573 v190725jgv1<br>$97,792.00 |
| | **Component Description:**<br>**Amount:** | R&S 9500092488 v190725jgv1<br>$195,584.00 |
| | **Component Description:**<br>**Amount:** | R&S 9500098572 v190725jgv1<br>$195,584.00 |
| Additional Interior RF System | **Component Description:**<br>**Amount:** | R&S 9500134901 v210611jgv4<br>$71,994.00 |
| | **Component Description:**<br>**Amount:** | R&S 9500119626 v201005jgv2<br>$57,249.00 |
| | **Component Description:**<br>**Amount:** | R&S 9500119626 v201005jgv2<br>$16,055.00 |
| Standby Exciter and Switch | Information not provided. | |
| Additional Site Requirements | **Component Description:**<br>**Amount:** | R&S 9500130379 v210208jgv2<br>$47,835.00 |

| | | |
|---|---|---|
| Consolidation service | **Component Description:**<br>**Amount:** | R&S 9500119627 v201013jgv2<br>$12,453.00 |
| 3" Rigid Conduit and Wiring (Cost per foot) | **Component Description:**<br>**Amount:** | R&S 9500119626 v201005jgv2<br>$115,000.00 |
| Transformer 3 phase/480v - 300 KVA | Information not provided. | |
| Switchgear - industrial 800 amp | Information not provided. | |
| UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW | **Component Description:**<br>**Amount:**<br><br>**Component Description:**<br>**Amount:**<br><br>**Component Description:**<br>**Amount:** | R&S 9500092489 v190725jgv1<br>$372,002.00<br><br>R&S 9500114433 v200929jgv1<br>$372,002.00<br><br>R&S 9500119958 v200929jgv1<br>$186,001.00 |

## 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 |
|---|---|---|---|---|---|
| **Primary Antenna TUF-BP4SP-12 /48USP-1-T** | **$21,980.00** | **$20,900.00** | | **$0.00** | |
| Elbow complex, single channel, at antenna input, per 8 3/16. feedline (if needed) | $15,250.00 | $14,500.00 | N/A | N/A | N/A |
| Sweep test of existing antenna | $6,730.00 | $6,400.00 | N/A | $0.00 | N/A |
| **Auxiliary Antenna TFU-12JSC-R BP230** | **$134,110.00** | **$157,363.49** | | **$152,363.49** | |
| UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized | $89,400.00 | $121,483.49 | See attached / uploaded PDF files titled "Die MAN01710 v210917jgv1. pdf" and "Die MAN01713 v210917jgv1. pdf" | $121,483.49 | N/A |

| | | | | | |
|---|---|---|---|---|---|
| Side mount brackets for high power antennas (if not included in antenna base cost) | $23,150.00 | $16,425.00 | N/A | $16,425.00 | N/A |
| Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed) | $9,570.00 | $8,055.00 | N/A | $8,055.00 | N/A |
| Sweep test of existing antenna | $6,730.00 | $6,400.00 | N/A | $6,400.00 | N/A |
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | $5,260.00 | $5,000.00 | N/A | N/A | N/A |
| **Sub-total** | $156,090.00 | $178,263.49 | N/A | $152,363.49 | N/A |
| **Total for all systems** | $4,068,762.72 | $3,355,577.70 | N/A | $2,424,096.02 | N/A |

## Components

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

| | |
|---|---|
| Elbow complex, single channel, at antenna input, per 8 3/16. feedline (if needed) | Information not provided. |
| Sweep test of existing antenna | Information not provided. |
| UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized | **Component Description:** Die MAN01710 v210917jgv1<br>**Amount:** $54,667.57<br><br>**Component Description:** Die 1132034 v211103pmv1<br>**Amount:** $12,148.35<br><br>**Component Description:** Die MAN01713 v210917jgv1<br>**Amount:** $54,667.57 |
| Side mount brackets for high power antennas (if not included in antenna base cost) | **Component Description:** Die 1132034 v211103pmv1<br>**Amount:** $1,642.50<br><br>**Component Description:** Die MAN01713 v210917jgv1<br>**Amount:** $7,391.25<br><br>**Component Description:** Die MAN01710 v210917jgv1<br>**Amount:** $7,391.25 |

| | | |
|---|---|---|
| Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed) | **Component Description:**<br>**Amount:** | Die MAN01710 v210917jgv1<br>$3,624.75 |
| | **Component Description:**<br>**Amount:** | Die 1132034 v211103pmv1<br>$805.50 |
| | **Component Description:**<br>**Amount:** | Die MAN01713 v210917jgv1<br>$3,624.75 |
| Sweep test of existing antenna | **Component Description:**<br>**Amount:** | Die MAN01713 v210917jgv1<br>$2,880.00 |
| | **Component Description:**<br>**Amount:** | Die MAN01710 v210917jgv1<br>$2,880.00 |
| | **Component Description:**<br>**Amount:** | Die 1146031 v211109pmv2<br>$640.00 |
| Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) | Information not provided. | |

## Cost Information

### Transmission Line

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|---|---|---|---|---|
| **Primary Transmission Line** | **$6,400.00** | **$6,400.00** | | **$4,316.23** | |
| Sweep Tests | ***$6,400.00*** | $6,400.00 | N/A | $4,316.23 | N/A |
| **Auxiliary Transmission Line** | **$145,584.75** | **$121,409.99** | | **$121,436.99** | |
| Other Transmission Line Parts | ***$17,784.75*** | $17,784.75 | N/A | $17,784.75 | N/A |
| Rigid Transmission Line - copper, 4 1 /16" | $127,800.00 | $103,625.24 | See attached / uploaded PDF files titled "Die MAN01710 v210917jgv1. pdf" and "Die MAN01713 v210917jgv1. pdf" | $103,652.24 | The totals are the same. |
| **Sub-total** | $151,984.75 | $127,809.99 | N/A | $125,753.22 | N/A |
| **Total for all systems** | $4,068,762.72 | $3,355,577.70 | N/A | $2,424,096.02 | N/A |

### Components

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

| | | |
|---|---|---|
| Sweep Tests | **Component Description:** | Sweep tests for existing transmission line on new channel for WLRN |
| | **Amount:** | $4,360.27 |
| | **Component Description:** | Amended expenses associated with the Sweep tests of existing Line WLRN |
| | **Amount:** | $4,316.23 |
| Other Transmission Line Parts | **Component Description:** | Die 1139028 v211103pmv1 |
| | **Amount:** | $10,647.50 |
| | **Component Description:** | Die 1139051 v211103pmv1 |
| | **Amount:** | $1,117.75 |
| | **Component Description:** | Die 1145036 v211103pmv1 |
| | **Amount:** | $1,896.00 |
| | **Component Description:** | Die 1140044 v211103pmv1 |
| | **Amount:** | $4,123.50 |

| | | |
|---|---|---|
| Rigid Transmission Line - copper, 4 1/16" | **Component Description:** | Die MAN01713 v210917jgv1 |
| | **Amount:** | $46,643.51 |
| | **Component Description:** | Die 1134028 v211103pmv1 |
| | **Amount:** | $10,365.22 |
| | **Component Description:** | Die MAN01710 v210917jgv1 |
| | **Amount:** | $46,643.51 |

## 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 Justificatior |
|---|---|---|---|---|---|
| **Primary Tower TOWER** | **$657,800.00** | **$724,029.25** | | **$317,254.25** | |
| Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study | $26,300.00 | $25,000.00 | N/A | $18,225.00 | N/A |
| Major tower reinforcement /modifications | $421,000.00 | $400,000.00 | N/A | N/A | N/A |
| Tall Tower (greater than 500') | $210,500.00 | $299,029.25 | See attached / uploaded PDF files titled "Die MAN01710 v210917jgv1.pdf" and "Die MAN01713 v210917jgv1.pdf" | $299,029.25 | N/A |

| | | | | | |
|---|---|---|---|---|---|
| Tower Helicopter Lift | ***$0.00*** | $0.00 | After further consideration it has been determined that a helicopter is not needed because the antenna can be re-used. 9-14-17-rg | N/A | N/A |
| **Sub-total** | $657,800.00 | $724,029.25 | N/A | $317,254.25 | N/A |
| **Total for all systems** | $4,068,762.72 | $3,355,577.70 | N/A | $2,424,096.02 | N/A |

## Components

| Actual Information Description | File Name | |
|---|---|---|
| Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study | **Component Description:**<br>**Amount:** | Die MAN01713 v210917jgv1<br>$8,201.25 |
| | **Component Description:**<br>**Amount:** | Die 1140040 v211108pmv2<br>$1,822.50 |
| | **Component Description:**<br>**Amount:** | Die MAN01710 v210917jgv1<br>$8,201.25 |
| Major tower reinforcement /modifications | Information not provided. | |

| | |
|---|---|
| Tall Tower (greater than 500') | **Component Description:** Die MAN01713 v210917jgv1<br>**Amount:** $130,109.06<br><br>**Component Description:** Die MAN01710 v210917jgv1<br>**Amount:** $130,109.06<br><br>**Component Description:** Die 1146029 v211103pmv1<br>**Amount:** $9,898.00<br><br>**Component Description:** Die 1146031 v211109pmv2<br>**Amount:** $28,913.13 |
| Tower Helicopter Lift | 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 C Justifica |
|---|---|---|---|---|---|
| **Outside Professional Services** | **$203,450.00** | **$206,791.00** | | **$42,353.09** | |
| Other Engineering Services | ***$12,371.00*** | $12,371.00 | The Estimated Cost includes other engineering services such as RF calculations, evolving transition plan calculations, bid spec prep / distribution / award recommendation / etc and discussion, etc. | $12,371.00 | N/A |
| Additional Field Engineering Service, 18 Days | ***$36,000.00*** | $36,000.00 | N/A | $3,412.09 | N/A |
| Comprehensive coverage verification via field study, if needed | $84,200.00 | $80,000.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File request for Special Temporary Authorization | $7,360.00 | $7,000.00 | N/A | N/A | N/A |

| | | | | | |
|---|---|---|---|---|---|
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application | $2,365.00 | $2,250.00 | N/A | N/A | N/A |
| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application | $4,210.00 | $4,000.00 | N/A | N/A | N/A |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | $5,260.00 | $5,000.00 | N/A | N/A | N/A |
| Prepare request for Special Temporary Authorization | $4,100.00 | $1,500.00 | N/A | $1,500.00 | N/A |
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application | $1,580.00 | $1,500.00 | N/A | N/A | N/A |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | $1,580.00 | $1,250.00 | N/A | $1,250.00 | N/A |

| | | | | | |
|---|---|---|---|---|---|
| RF Consulting Engineer Fees-Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application | $2,105.00 | $1,500.00 | N/A | $1,500.00 | N/A |
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | $3,155.00 | $3,000.00 | N/A | $2,500.00 | N/A |
| Perform engineering study for new channel assignment and antenna development | $7,360.00 | $7,000.00 | N/A | $1,000.00 | N/A |
| Address transition timing and coordination issues w/ other stations and wireless | $2,630.00 | $2,500.00 | N/A | N/A | N/A |
| Prepare and or review reimbursement form | $2,630.00 | $16,720.00 | The Estimated Cost includes Form 399 submissions including ongoing Actual Cost invoice prep and submission, and amendments as needed. | $16,720.00 | N/A |
| Project management of the transition | $26,544.00 | $25,200.00 | N/A | $2,100.00 | N/A |

| | | | | | |
|---|---|---|---|---|---|
| **Sub-total** | $203,450.00 | $206,791.00 | N/A | $42,353.09 | N/A |
| **Total for all systems** | $4,068,762.72 | $3,355,577.70 | N/A | $2,424,096.02 | N/A |

## Components

| Actual Information Description | File Name |
|---|---|
| Other Engineering Services | **Component Description:** KGA 198-838 v210617jgv1<br>**Amount:** $1,728.00<br><br>**Component Description:** KGA 198-846 v211007jgv1<br>**Amount:** $200.00<br><br>**Component Description:** KGA 198-119 v201228jgv1<br>**Amount:** $1,350.00<br><br>**Component Description:** KGA 198-831 v210409jgv1<br>**Amount:** $150.00<br><br>**Component Description:** KGA 198-101 v201228jgv1<br>**Amount:** $575.00<br><br>**Component Description:** KGA 198-827 v210111jgv1<br>**Amount:** $550.00<br><br>**Component Description:** KGA 198-108 v201228jgv1<br>**Amount:** $2,150.00 |

| | | |
|---|---|---|
| | **Component Description:**<br>**Amount:** | KGA 198-99 v201228jgv1<br>$318.00 |
| | **Component Description:**<br>**Amount:** | KGA 198-103 v210105jgv2<br>$925.00 |
| | **Component Description:**<br>**Amount:** | KGA 198-93 v210706jgv1<br>$1,750.00 |
| | **Component Description:**<br>**Amount:** | KGA 198-113 v201228jgv1<br>$75.00 |
| | **Component Description:**<br>**Amount:** | KGA 198-94 v201229jgv1<br>$1,250.00 |
| | **Component Description:**<br>**Amount:** | KGA 198-111 v210105jgv2<br>$1,250.00 |
| | **Component Description:**<br>**Amount:** | KGA 198-826 v210111jgv1<br>$100.00 |
| Additional Field Engineering Service, 18 Days | **Component Description:**<br>**Amount:** | KGA 198-94 v201229jgv1<br>$3,412.09 |
| Comprehensive coverage verification via field study, if needed | Information not provided. | |

| | |
|---|---|
| Attorney Fees - Prepare and File request for Special Temporary Authorization | Information not provided. |
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application | Information not provided. |
| Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application | Information not provided. |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | Information not provided. |
| Prepare request for Special Temporary Authorization | **Component Description:** KGA 198-105 v201228jgv1<br>**Amount:** $1,500.00 |
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application | Information not provided. |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application | **Component Description:** KGA 198-121 v210208jgv2<br>**Amount:** $1,250.00 |
| RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application | **Component Description:** KGA 198-00 v201229jgv1<br>**Amount:** $1,500.00 |

| | | |
|---|---|---|
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | **Component Description:**<br><br><br><br><br><br>**Amount:** | Preparation of construction permit application for Main facility - WLRN. See KGA repack Services Proposal.<br>$2,500.00 |
| | **Component Description:**<br><br><br><br>**Amount:** | Prepare engineering portion of Form 2100 construction permit main facility WLRN<br>$2,500.00 |
| Perform engineering study for new channel assignment and antenna development | **Component Description:**<br><br><br><br><br><br>**Amount:** | Preparation of engineering study for new channel assignment and antenna development - WLRN. See KGA repack Services Proposal.<br>$1,000.00 |
| | **Component Description:**<br><br><br><br><br><br>**Amount:** | Perform engineering study for new channel assignment and antenna development WLRN<br>$1,000.00 |
| Address transition timing and coordination issues w/ other stations and wireless | Information not provided. | |
| Prepare and or review reimbursement form | | |

**Component Description:** KGA 198-845 v210909jgv1
**Amount:** $54.00

**Component Description:** KGA 198-833 v210409jgv1
**Amount:** $850.00

**Component Description:** KGA 198-836 v210617jgv1
**Amount:** $108.00

**Component Description:** KGA 198-117 v201228jgv1
**Amount:** $50.00

**Component Description:** KGA 198-832 v210409jgv1
**Amount:** $625.00

**Component Description:** KGA 198-109 v201228jgv1
**Amount:** $1,475.00

**Component Description:** KGA 198-835 v210511jgv1
**Amount:** $600.00

**Component Description:** KGA 198-843 v210811jgv1
**Amount:** $297.00

| | |
|---|---|
| **Component Description:** | Prepare original Schedule 399 budget for reimbursement WLRN |
| **Amount:** | $2,500.00 |
| **Component Description:** | KGA 198-850 v211029pmv1 |
| **Amount:** | $594.00 |
| **Component Description:** | KGA 198-122 v210122jgv1 |
| **Amount:** | $375.00 |
| **Component Description:** | KGA 198-110 v201228jgv1 |
| **Amount:** | $125.00 |
| **Component Description:** | KGA 198-830 v210208jgv1 |
| **Amount:** | $1,900.00 |
| **Component Description:** | KGA 198-828 v210111jgv1 |
| **Amount:** | $1,950.00 |
| **Component Description:** | KGA 198-829 v210111jgv1 |
| **Amount:** | $3,200.00 |
| **Component Description:** | KGA 198-851 v211104pmv1 |
| **Amount:** | $1,088.00 |

| | | |
|---|---|---|
| | **Component Description:** | KGA 198-124 v201221jgv1 |
| | **Amount:** | $200.00 |
| | **Component Description:** | Preparation of FCC Form 399 for reimbursement - WLRN. See KGA repack Services Proposal. |
| | **Amount:** | $2,500.00 |
| | **Component Description:** | KGA 198-840 v210729jgv1 |
| | **Amount:** | $729.00 |
| Project management of the transition | **Component Description:** | KGA 198-118 v201229jgv1 |
| | **Amount:** | $150.00 |
| | **Component Description:** | KGA 198-100 v201229jgv1 |
| | **Amount:** | $150.00 |
| | **Component Description:** | KGA 198-98 v201229jgv1 |
| | **Amount:** | $150.00 |
| | **Component Description:** | KGA 198-125 v210112jgv1 |
| | **Amount:** | $150.00 |
| | **Component Description:** | KGA 198-123 v210122jgv1 |
| | **Amount:** | $150.00 |

| | |
|---|---|
| **Component Description:** | KGA 198-107 v201229jgv1 |
| **Amount:** | $150.00 |
| **Component Description:** | KGA 198-112 v201229jgv1 |
| **Amount:** | $150.00 |
| **Component Description:** | KGA 198-834 v210415jgv1 |
| **Amount:** | $150.00 |
| **Component Description:** | KGA 198-841 v210729jgv1 |
| **Amount:** | $150.00 |
| **Component Description:** | KGA 198-114 v201229jgv1 |
| **Amount:** | $150.00 |
| **Component Description:** | KGA 198-120 v201229jgv1 |
| **Amount:** | $150.00 |
| **Component Description:** | KGA 198-102 v201229jgv1 |
| **Amount:** | $150.00 |
| **Component Description:** | KGA 198-95 v210706jgv1 |
| **Amount:** | $150.00 |
| **Component Description:** | KGA 198-106 v201229jgv1 |
| **Amount:** | $150.00 |

## Cost Information

### Other Expenses

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

| Description | Predetermined Cost Estimate | Estimated Cost | Estimated Cost Justification | Actual Cost | Actual Cost Justification |
|---|---|---|---|---|---|
| **Other Expenses** | **$284,151.97** | **$277,221.97** | | **$41,209.97** | |
| DTV Medical Facility Notification | $11,550.00 | $4,620.00 | See attached / uploaded PDF file titled "KGA 198-97 v201229jgv1.pdf" | $4,620.00 | N/A |
| WLRN Site specific | ***$57,249.00*** | $57,249.00 | See attached / uploaded PDF file titled "R&S 9500119626 v201002jgv1.pdf" | $0.00 | N/A |
| Electrical Services | ***$115,000.00*** | $115,000.00 | See attached / uploaded PDF file titled "R&S 9500119626 v201002jgv1.pdf" | $0.00 | N/A |
| Consolidation service | ***$12,453.00*** | $12,453.00 | See attached / uploaded PDF file titled "R&S 9500119627 v201002jgv1.pdf" | $0.00 | N/A |

| | | | | | |
|---|---|---|---|---|---|
| Additional parts | ***$16,055.00*** | $16,055.00 | See attached / uploaded PDF file titled "R&S 9500119626 v201002jgv1.pdf" | $0.00 | N/A |
| MVPD Notification of Channel Change | ***$1,725.00*** | $1,725.00 | See attached / uploaded PDF file titled "KGA 198-96 v201229jgv1.pdf" | $1,725.00 | N/A |
| Develop and air announcement of upcoming channel change | ***$0.00*** | $0.00 | N/A | N/A | N/A |
| Equipment Storage | ***$20,000.00*** | $20,000.00 | N/A | $9,745.00 | N/A |
| Equipment Delivery and Handling Charges | ***$25,119.97*** | $25,119.97 | amended 9-14-17-rg | $25,119.97 | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | ***$25,000.00*** | $25,000.00 | Amended 9-14-17-rg | N/A | N/A |
| **Sub-total** | $284,151.97 | $277,221.97 | N/A | $41,209.97 | N/A |
| **Total for all systems** | $4,068,762.72 | $3,355,577.70 | N/A | $2,424,096.02 | N/A |

## Components

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

| | | |
|---|---|---|
| DTV Medical Facility Notification | **Component Description:**<br>**Amount:** | KGA 198-97 v201229jgv1<br>$4,620.00 |
| WLRN Site specific | **Component Description:**<br>**Amount:** | R&S 9500119626 v201002jgv1<br>$57,249.00 |
| Electrical Services | **Component Description:**<br>**Amount:** | R&S 9500119626 v201002jgv1<br>$115,000.00 |
| Consolidation service | **Component Description:**<br>**Amount:** | This invoice is being applied to a different component instead<br>N/A |
| Additional parts | **Component Description:**<br>**Amount:** | R&S 9500119626 v201002jgv1<br>$16,055.00 |
| MVPD Notification of Channel Change | **Component Description:**<br>**Amount:** | KGA 198-96 v201229jgv1<br>$1,725.00 |
| Develop and air announcement of upcoming channel change | Information not provided. | |
| Equipment Storage | **Component Description:**<br>**Amount:** | R&S 9500130273 v210115jgv1<br>$9,745.00 |

| | | |
|---|---|---|
| Equipment Delivery and Handling Charges | **Component Description:**<br>**Amount:** | R&S 9500134901 v210611jgv4<br>$5,834.00 |
| | **Component Description:**<br>**Amount:** | Die 1140044 v211103pmv1<br>$1,886.05 |
| | **Component Description:**<br>**Amount:** | Die 1146029 v211103pmv1<br>$972.63 |
| | **Component Description:**<br>**Amount:** | Die 1141032 121105pmv2b<br>$16,427.29 |
| Disposal Costs (for equipment and other waste, net of any salvage value) | Information not provided. | |

## Cost Information

### Grand Total

| | Predetermined Cost Estimate | Estimated Cost | Actual Cost |
|---|---|---|---|
| **Total for all systems** | $4,068,762.72 | $3,355,577.70 | $2,424,096.02 |

## Reimbursement Status

| Question | Response |
|---|---|
| The facility has ceased operating on its pre-auction channel. | Yes |
| Construction of final facilities or all necessary modifications are complete. | Yes |
| 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. | Yes |

## Certification

| Section | Question | Response |
| --- | --- | --- |
| **Submission of Estimated Expenses Statements** | WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT. | |
| | 1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.<br>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.<br>3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount. | |

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

| | | |
|---|---|---|
| | 8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested. | |
| | I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above. | **Jeffrey C Gehman**<br>*Engineering Associate*<br><br>11/29/2021 |

## Certification

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

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

| | | |
|---|---|---|
| | 8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.<br>9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested. | |
| | I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above. | **Jeffrey C Gehman**<br>*Engineering Associate*<br><br>11/29/2021 |

## Certification

| Section | Question | Response |
| --- | --- | --- |
| **Submission of Final Allocation or Accounting Information Statements** | WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT. | |
| | 1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.<br>2. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount. | |

| | | |
|---|---|---|
| | 3. The above-named entity certifies that all costs identified as "actual costs" herein accurately represent the costs actually paid by the above-named entity, including any discounts, refunds, or rebates.<br>4. 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.<br>5. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.<br>6. 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. | **Jeffrey C Gehman**<br>*Engineering Associate*<br><br>11/29/2021 |

## Attachments