



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **61217** | Service: **DTV** | Call **WNKY** | Channel: **24 (UHF)** |  
ID: | Sign:  
File **0000025350**  
Number:  
FRN: **0026650200** | Date **01/11**  
Submitted: **/2019**

## Applicant Information

### Applicant Name, Type, and Contact Information

| Applicant                                  | Address  | Phone             | Email                                 | Applicant Type |
|--|--|-------------------|---------------------------------------|----------------|
| <b>MARQUEE BROADCASTING KENTUCKY, INC.</b> | Patricia R Lane<br>4400 BROOKEVILLE ROAD<br>BROOKEVILLE, MD 20833<br>United States | +1 (301) 661-9610 | patricia_lane@marqueebroadcasting.com | Corporati      |

## 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         |
|---|---|-------------------|---------------|
| <b>Edward J Murlatt</b><br><i>Project Manager</i><br><i>Ed Murlatt &amp; Associates, Inc.</i> | Ed Murlatt<br>41 Foxpoint West<br>Williamsville, NY<br>14221<br>United States | +1 (716) 639-0860 | ed@ema4rf.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 transmitter, antenna, feedline, study shows tower cannot be strengthened to comply with Rev G. Tower Must Be Replaced. A minor facility upgrade is planned. Please see Detailed information in "WNKY 190104 Revised Transition Plan", attached |

**Transmitters**

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

**Primary  
Transmitter**

**Existing Transmitter Information**

| <b>Section</b>  | <b>Question</b>  | <b>Response</b>   |
|---|--|-------------------|
| <b>Existing Transmitter<br/>Description</b>           | Type of change   | Purchase<br>New   |
|   | Use  | Primary<br>(Main) |
|   | Description of Use   | N/A               |
|   | Ownership  | Owned             |
|   | Owner  | N/A               |
|   | Site   | N/A               |
|   | Is this transmitter currently shared with another station? | No                |
|   | Is this transmitter currently in operating condition?      | Yes               |
| <b>Existing Transmitter<br/>Manufacturer and Type</b> | Manufacturer   |                   |
|   | Model  | HX<br>HU5000AD    |
|   | Year   | 2007              |
|   | Type   | Solid State       |
|   | Solid State Cooling  | Air Cooled        |
|   | Solid State Power Capacity                                 | 5 kW              |

**Primary Transmitter**

**New Transmitter Costs**

| Section                | Question                                  | Response  |
|------------------------|---|---|
| <b>New Transmitter</b> | Use                                       | Primary (Main)  |
|                        | Change Type                               | Purchase New  |
|                        | Is this a request for upgraded equipment? | Yes   |
|                        | Manufacturer                              |   |
|                        | Model                                     | Magma   |
|                        | Transmitter Type                          | Solid State   |
|                        | Solid State Cooling                       | Liquid Cooled   |
|                        | Solid State Power capacity                | 10 kW   |
|                        | Justification for New Transmitter         | Existing transmitter is not frequency agile. New transmitter will allow coordination with linked stations during testing phase and ensure the station meets the deadline for converting to its new channel. |

**Primary Transmitter**

**Other Transmitter Costs**

| Section                   | Question                              | Response |
|---------------------------|---------------------------------------|----------|
| <b>Electrical Service</b> | 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  | Yes   |
|  | Description   | Estimated electrical and building modifications required to install new transmitter |
| <b>HVAC Service</b>  | Does the replacement transmitter require HVAC Service?  | No  |
|  | Type  | N/A   |
|  | Size  | N/A   |
|  | Other Size  | N/A   |
| <b>Transmitter Building Addition/Modification or Leasehold Improvement</b> | Does the Transmitter Building require an addition, modification, other leasehold improvement? | No  |
|  | Size  | N/A   |
| <b>Channel 14 Costs</b>  | Is an RF Consulting Engineer needed?  | N/A   |
|  | Is a channel 14 Mask Filer needed?  | N/A   |
|  | Is additional field engineering time needed?  | N/A   |
|  | Number of Days  | N/A   |

**Primary 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           |
|---|--|--------------------|
| <b>Existing Antenna Description</b>           | Type of change   | Purchase<br>New    |
|   | Antenna Use  | Primary<br>(Main)  |
|   | Description of Use   | N/A                |
|   | Ownership  | Owned              |
|   | Owner  | N/A                |
|   | Site   | N/A                |
|   | Is the existing antenna shared with another station or stations? | No                 |
|   | Is the existing antenna directional?                             | Yes                |
|   | Is antenna in operating condition?                               | Yes                |
|   | Is antenna located on or in close proximity to an antenna farm?  | No                 |
| <b>Existing Antenna Manufacturer and Type</b> | Class  | Full Power         |
|   | Mounting   | Side Mount         |
|   | Antenna position in stack  | Not in Stack       |
|   | Polarization   | Horizontal         |
|   | Type   | 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)                                  | 120.0 kW           |

|              |                 |
|--------------|-----------------|
| Manufacturer |                 |
| Model        | SWMP16PN<br>/16 |
| Year         | 2009            |

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**Primary  
Antenna**

**New Antenna Costs**

| Section                                   | Question   | Response        |
|---|--|-----------------|
| <b>New Antenna Description</b>            | Use  | Primary (Main)  |
|   | Description of Use   | N/A             |
|   | Change Type  | Purchase 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              |
| <b>New Antenna Manufacturer and Types</b> | Class  | Full Power      |
|   | Mounting   | Side Mount      |
|   | Antenna position in stack  | Not in Stack    |
|   | Polarization   | Elliptical      |
|   | 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)<br>.....                             | 90.0 kW         |
| Manufacturer                              |  |                 |

|                               |  |
|-------------------------------|--|
| Model                         | ATW12H3-<br>ESPX-24H   |
| Year                          | 2019   |
| Justification for New Antenna | Existing antenna will not support operation on the new channel. Please see updated information in "WNKY 190104 Revised Transition Plan", attached. |

**Primary  
Antenna**

**Other Antenna Costs**

| Section                            | Question  | Response |
|------------------------------------|---|----------|
| <b>Combiner for Shared Antenna</b> | Do you need a Combiner for a Shared Antenna?  | No       |
|                                    | 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      |
| <b>Elbow Complex</b>               | Do you require the separate purchase of the Elbow Complex?                            | No       |
|                                    | Broadband or Single Channel?  | N/A      |
|                                    | Feed Line Size  | N/A      |
| <b>Side Mount Brackets</b>         | Do you require the separate purchase of side mount brackets for a high power antenna? | Yes      |

|                                 |   |     |
|---------------------------------|---|-----|
| <b>Pattern Scatter Analysis</b> | Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna? | No  |
| <b>Sweep Test</b>               | Do you require the sweep testing of transmission line and antenna?  | Yes |

**Primary  
Antenna**

**Other Antenna Cost Not Listed**

Information not provided.

**Transmission  
Line**

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

**Primary  
Transmission  
Line**

**Existing Transmission Line**

| Section   | Question   | Response            |
|---|--|---------------------|
| <b>Existing Transmission Line Description</b>           | 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                 |
| <b>Existing Transmission Line Manufacturer and Type</b> | Manufacturer   |                     |
|   | Type   | Flexible Air        |
|   | Diameter   | 3 inches            |
|   | Other Diameter   | N/A                 |
|   | Segment Length   | N/A                 |
|   | Other Segment Length   | N/A                 |
|   | Number of parallel runs  | 1                   |
|   | Length   | 500 feet<br>per run |

**Primary  
Transmission  
Line**

**New Transmission Line**

| Section                                   | Question                                  | Response  |
|---|---|---|
| <p><b>New Transmission Line Costs</b></p> | Use                                       | Primary (Main)  |
|   | Description of Use                        | N/A   |
|   | Change Type                               | Purchase New  |
|   | Is this a request for upgraded equipment? | No  |
|   | Type                                      | Flexible Air  |
|   | Diameter                                  | 3 inches  |
|   | Other Diameter                            | N/A   |
|   | Segment Length                            | N/A   |
|   | Other Segment Length                      | N/A   |
|   | Number of parallel runs                   | 1   |
|   | Length                                    | 500 feet per run  |
|   | Justification for New Transmission Line   | <p>Plan to install new antenna and feedline above existing antenna, which eliminates the need for interim facilities. Please see details "WNKY 190104 Revised Transition Plan", attached.</p> |

**Primary**      **Other Transmission Line Expenses Not Listed**  
**Transmission** information not provided.  
**Line**

**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          |
|--|---|-------------------|
| <b>Existing Tower Description</b>                          | 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? | No                |
|  | One or more FM, AM or TV radio broadcaster(s)           | N/A               |
|  | Others Types of Users                                   | N/A               |
|  | Is tower documented for structural analysis?            | No                |
|  | Is tower compliant with Rev G?                          | Unknown           |
| <b>Existing Tower Structure Registration</b>               | Do you have a tower registration number?                | Yes               |
|  | ASR Number  | 1042998           |
| <b>Coordinates (NAD83 ( North American Datum of 1983))</b> | Latitude (NAD83)  | 37° 02' 05.5" N-  |
|  | Longitude (NAD83)                                       | 086° 10' 40.9" W- |
|  | Overall Structure Height                                | 501.96 feet       |
|  | Support Structure Height                                | 499.99 feet       |
|  | Ground Elevation Above Mean Sea Level (AMSL)            | 836.93 feet       |



|                  |   |
|------------------|---|
| Structure Type   | GTOWER -<br>Guyed<br>Structure Used<br>for<br>Communication<br>Purposes |
| Tower Owner      | MMK License<br>LLC  |
| Date Constructed | 10/04/2016  |

**Primary  
Tower**

**Tower Modification Costs**

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

**Primary  
Tower**

**Tower Rigging Costs**

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

**Primary  
Tower**

**Other Tower Expenses Not Listed**

| Name                 | Description  |
|----------------------|--|
| <b>Tower Rigging</b> | Tower rigging for installation of new antenna and feedline |

**Primary Tower**

**Existing Tower**

| Section   | Question  | Response   |
|---|---|--|
| <b>Existing Tower Description</b>                         | Type of change  | Construct New  |
|   | 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? | No   |
|   | One or more FM, AM or TV radio broadcaster(s)           | N/A  |
|   | Others Types of Users                                   | N/A  |
|   | Is tower documented for structural analysis?            | No   |
|   | Is tower compliant with Rev G?                          | Unknown  |
| <b>Existing Tower Structure Registration</b>              | Do you have a tower registration number?                | Yes  |
|   | ASR Number  | 1042998  |
| <b>Coordinates (NAD83 (North American Datum of 1983))</b> | Latitude (NAD83)  | 37° 02' 05.5" N-   |
|   | Longitude (NAD83)                                       | 086° 10' 40.9" W-  |
|   | Overall Structure Height                                | 501.96 feet  |
|   | Support Structure Height                                | 499.99 feet  |
|   | Ground Elevation Above Mean Sea Level (AMSL)            | 836.93 feet  |
|   | Structure Type  | GTOWER - Guyed Structure Used for Communication Purposes |
|   | Tower Owner   | MMK License LLC  |
|   | Date Constructed  | 10/04/2016   |



**Primary Tower**

**Tower Construction Costs**

| Section                    | Question                                  | Response  |
|----------------------------|---|---|
| <b>Construct New Tower</b> | Use                                       | Primary (Main)  |
|                            | Description of Use                        | N/A   |
|                            | Is this a request for upgraded equipment? | No  |
|                            | Height                                    | 500.00 feet   |
|                            | Justification for New Tower               | Please see 35469B WNKY-TV Bowling Green-Smiths Grove KY Review Letter 12-11-18 Sealed, attached, which condemns existing structure. And, please see additional details in WNKY 190104 Revised Transition Plan, also attached. |

**Primary Tower**

**Tower Rigging Costs**

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

**Primary  
Tower**

**Other Tower Expenses Not Listed**

| <b>Name</b>                        | <b>Description</b>  |
|------------------------------------|---|
| <b>Sales tax on Locked Portion</b> | 6% Kentucky Sales tax due on portion of tower expenses that are locked.   |
| <b>Collateral Expenses</b>         | Cost of new waveguide and antenna mount for STL required to move dish. Please see details in "WNKY 190104 Revised Transition Plan", attached. |

**Outside Professional Services Costs**

| Section  | Question  | Response   |
|--|---|--|
| <p><b>Outside Project Management Services</b></p>        | <p>Do you require outside project management services?</p>                          | <p>Yes</p>   |
|  | <p>Number of Hours</p>  | <p>240</p>   |
|  | <p>Explanation</p>  | <p>Originally estimate of 80 hours was increased to 160 when 399 uploads and maintenance were added. We increased the number of hours again due to the change in tower status to "replace", Details in "WNKY 190104 Revised Transition Plan" attached.</p> |
| <p><b>Outside RF consulting Engineering Services</b></p> | <p>Perform engineering study for new channel assignment and antenna development</p> | <p>Yes</p>   |
|  | <p>Prepare engineering section of Form FCC Construction Permit Application</p>      | <p>Yes</p>   |
|  | <p>For Auxiliary Facility</p>   | <p>No</p>  |
|  | <p>For Main Facility</p>  | <p>Yes</p>   |
|  | <p>Prepare engineering section of Form FCC License to Cover Application</p>         | <p>Yes</p>   |
|  | <p>For Auxiliary Facility</p>   | <p>No</p>  |
|  | <p>For Main Facility</p>  | <p>Yes</p>   |

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

|                                      |     |
|--------------------------------------|-----|
| RF exposure measurements             | No  |
| Additional Field Engineering Service | No  |
| Number of Days                       | N/A |
| Justification                        | N/A |

**Outside  
Professional  
Services  
Costs**

**Other Professional Services Expenses Not Listed**

| Name                             | Description  |
|----------------------------------|--|
| <b>Additional Legal Services</b> | Miscellaneous repack related services                                |
| <b>Site Survey</b>               | Transition assessment  |
| <b>Site prep</b>                 | Return trip for site prep, etc.                                      |
| <b>6 Percent KY Sales Tax</b>    | Kentucky Sales Tax applicable on services billed after July 1, 2018. |



**Other Expenses**

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

**Other  
Expenses**

**Other Expenses Not Listed**

| <b>Name</b>                   | <b>Description</b>   |
|-------------------------------|--|
| <b>Lease Negotiations</b>     | Estimate for legal work related to negotiating with tenants on tower |
| <b>6 Percent KY Sales Tax</b> | Sales tax will be applicable to all expenses in this category.       |

**Cost  
Information**

**Transmitters**

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

| Description   | Predetermined Cost Estimate | Estimated Cost      | Estimated Cost Justification  | Actual Cost         | Actual Cost Justification |
|---|-----------------------------|---------------------|---|---------------------|---------------------------|
| <b>Primary Transmitter Magma</b>                        | <b>\$792,713.90</b>         | <b>\$250,271.58</b> |   | <b>\$163,925.26</b> |                           |
| UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW | \$494,500.00                | \$84,947.42         | Balance that will be due on reimbursable portion of Anywave transmitter plus sales tax due. Please see detailed explanation uploaded as "WNKY 190104 Revised Transition Plan" | N/A                 | N/A                       |

|  |              |              |   |              |     |
|--|--------------|--------------|---|--------------|-----|
| UHF - Liquid<br>Cooled Solid<br>State<br>Transmitter<br>4.9 . 6.5 kW | \$273,500.00 | \$140,610.26 | ***System<br>Notice:<br>Estimate<br>adjusted and<br>locked<br>because line<br>has been<br>superseded.<br>***Original<br>transmitter is<br>being<br>replaced<br>with a lower<br>cost<br>Anywave<br>transmitter.<br>System<br>components<br>and<br>installation<br>materials are<br>obtained<br>from various<br>sources.<br>See<br>explanation<br>uploaded as<br>"WNKY<br>Main<br>Transmitter<br>Updated<br>Quote<br>Explanation.<br>pdf" | \$140,610.26 | N/A |
|--|--------------|--------------|---|--------------|-----|

|   |                    |                |  |              |     |
|---|--------------------|----------------|--|--------------|-----|
| Other Electrical Service: Estimated electrical and building modifications required to install new transmitter | <b>\$24,713.90</b> | \$24,713.90    | In addition to Electrical quote attached as WNKY Transmitter Electrical Work, there will be 6% due to the state of Kentucky for sales tax bringing the total to \$24,713.90. Details in "WNKY 190104 Revised Transition Plan", attached. | \$23,315.00  | N/A |
| <b>Sub-total</b>  | \$792,713.90       | \$250,271.58   | N/A  | \$163,925.26 | N/A |
| <b>Total for all systems</b>  | \$1,575,320.77     | \$1,203,661.40 | N/A  | \$231,440.94 | N/A |

### Components

| Actual Information                                      |                           |
|---|---------------------------|
| Description   | File Name                 |
| UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW | Information not provided. |

UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW

**Component Description:** Balance due against quote 180513WNKY for kit of installation materials.  
**Amount:** \$1,800.00

**Component Description:** Deposit for Main Transmitter Installation Kit  
**Amount:** \$2,700.00

**Component Description:** Final Payment for RF System Components  
**Amount:** \$17,572.10

**Component Description:** Transmitter installation services as quoted in quote number 180512WNKY.  
**Amount:** \$20,000.00

**Component Description:** Deposit for Main Transmitter.  
**Amount:** \$72,180.00

**Component Description:** Deposit for Main Transmitter RF System  
**Amount:** \$26,358.16

Other Electrical Service: Estimated electrical and building modifications required to install new transmitter

**Component Description:** Invoice against proposal uploaded as WNKY Electrical Work.pdf  
**Amount:** \$23,315.00



**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 |
|--|-----------------------------|---------------------|--|---------------|---------------------------|
| <b>Primary Antenna ATW12H3-ESPX-24H</b>  | <b>\$132,980.00</b>         | <b>\$104,284.92</b> |  | <b>\$0.00</b> |                           |
| UHF - Lower Power Side Mount, One Station antenna . medium power (50-200 kW), elliptically or circularly polarized | \$103,100.00                | \$88,460.18         | Please see item 005 in "ERI Proposal 20181112-836 Rev C", attached plus 6% KY sales tax. Also, please see "WNKY 190104 Revised Transition Plan", attached. | N/A           | N/A                       |
| Side mount brackets for high power antennas (if not included in antenna base cost)                                 | \$23,150.00                 | \$8,881.74          | Please see item 007 of "ERI proposal 20181112-836C", attached plus 6% KY sales tax. Also, please see "WNKY 190104 Revised Transition Plan", also attached. | N/A           | N/A                       |



|                                |                |                |                                      |              |     |
|--------------------------------|----------------|----------------|--------------------------------------|--------------|-----|
| Sweep test of existing antenna | \$6,730.00     | \$6,943.00     | Widely estimate plus 6% Kentucky tax | N/A          | N/A |
| <b>Sub-total</b>               | \$132,980.00   | \$104,284.92   | N/A                                  | \$0.00       | N/A |
| <b>Total for all systems</b>   | \$1,575,320.77 | \$1,203,661.40 | N/A                                  | \$231,440.94 | N/A |

### Components

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 |
|---|-----------------------------|-----------------------|---|---------------------|---------------------------|
| <b>Primary Transmission Line</b>                | <b>\$29,500.00</b>          | <b>\$27,632.27</b>    |   | <b>\$0.00</b>       |                           |
| Flexible Air Transmission Line - dielectric, 3" | \$29,500.00                 | \$27,632.27           | Please see items 008 through 019 in "ERI Proposal 20181112-836 Rev C", attached plus 6% KY sales tax. Additional details in "WNKY 190104 Revised Transition Plan", also attached. | N/A                 | N/A                       |
| <b>Sub-total</b>                                | <b>\$29,500.00</b>          | <b>\$27,632.27</b>    | N/A   | <b>\$0.00</b>       | N/A                       |
| <b>Total for all systems</b>                    | <b>\$1,575,320.77</b>       | <b>\$1,203,661.40</b> | N/A   | <b>\$231,440.94</b> | N/A                       |

**Components**

Information not provided.

**Cost Information**

**Tower Equipment and Rigging Costs**

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

| Description   | Predetermined Cost Estimate | Estimated Cost      | Estimated Cost Justification   | Actual Cost        | Actual Cost Justification   |
|---|-----------------------------|---------------------|--|--------------------|---|
| <b>Primary Tower GTOWER</b>                                       | <b>\$12,600.00</b>          | <b>\$22,860.00</b>  |  | <b>\$22,860.00</b> |   |
| Structural engineering tower load study for well documented tower | \$12,600.00                 | \$22,860.00         | ***System Notice: Estimate adjusted and locked because line has been superseded. ***See attached quote from ERI. | \$22,860.00        | The tower failed initial analysis. Minimal additional work was required to determine reinforcement possibilities. The tower must be replaced, and the 399 budget will be updated when the replacement proposal is received. |
| <b>Primary Tower GTOWER</b>                                       | <b>\$0.00</b>               | <b>\$0.00</b>       |  | <b>\$0.00</b>      |   |
| <b>Primary Tower</b>  | <b>\$469,875.35</b>         | <b>\$676,216.11</b> |  | <b>\$0.00</b>      |   |

|                                      |                   |              |  |     |     |
|--------------------------------------|-------------------|--------------|--|-----|-----|
| Tall Tower<br>(greater<br>than 500') | \$210,500.00      | \$416,840.76 | Installation<br>services -<br>Items 003<br>and 004 of<br>"ERI<br>Proposal<br>20181112-<br>836 Rev C",<br>attached.<br>Additional<br>clarification<br>in "WNKY<br>190104<br>Revised<br>Transition<br>Plan", also<br>attached. | N/A | N/A |
| Sales tax<br>on Locked<br>Portion    | <b>\$1,371.60</b> | \$1,371.60   | 6% Sales<br>tax on<br>Structural<br>studies.<br>Line item<br>was locked<br>when<br>replacement<br>tower was<br>added.  | N/A | N/A |

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|                     |                    |             |  |     |     |
|---------------------|--------------------|-------------|--|-----|-----|
| Collateral Expenses | <b>\$11,412.77</b> | \$11,412.77 | Items 020-029 and 001.068 in "ERI Proposal #20181112-836 Rev C", attached. Cost of waveguide and pole mount to move STL equipment to new tower (includes tax). Please see additional justification in "WNKY 190104 Revised Transition Plan", attached. | N/A | N/A |
|---------------------|--------------------|-------------|--|-----|-----|

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|                              |                            |                |  |              |     |
|------------------------------|----------------------------|----------------|--|--------------|-----|
| New tower                    | <b><i>\$246,590.98</i></b> | \$246,590.98   | Cost of tower and foundations.<br>Items<br>001.001<br>-001.028,<br>001.038-<br>001.062,<br>001.093,<br>001.095,<br>and 002 in<br>"ERI<br>Proposal<br>#20181112-<br>836 Rev C",<br>attached.<br>Please see<br>additional<br>justification<br>in "WNKY<br>190104<br>Revised<br>Transition<br>Plan", also<br>attached | N/A          | N/A |
| <b>Sub-total</b>             | \$482,475.35               | \$699,076.11   | N/A  | \$22,860.00  | N/A |
| <b>Total for all systems</b> | \$1,575,320.77             | \$1,203,661.40 | N/A  | \$231,440.94 | N/A |

### Components

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

|   |   |
|---|---|
| Structural engineering tower load study for well documented tower | <p><b>Component Description:</b> Additional trip was required to check for drilling rig access to guy anchors. See proposal number 20180724-790 uploaded as "ERI2687-05-4-17-2018.pdf"</p> <p><b>Amount:</b> \$600.00</p> |
|   | <p><b>Component Description:</b> Tower reinforcement analysis that indicated early on that the tower must be replaced. Please read the cover letter for details.</p> <p><b>Amount:</b> \$400.00</p>                       |
|   | <p><b>Component Description:</b> Final payment for tower study.</p> <p><b>Amount:</b> \$10,930.00</p>   |
|   | <p><b>Component Description:</b> 50% deposit for tower mapping and structural study.</p> <p><b>Amount:</b> \$10,930.00</p>  |
| Tall Tower (greater than 500')                                    | Information not provided.   |
| Sales tax on Locked Portion                                       | Information not provided.   |
| Collateral Expenses   | Information not provided.   |
| New tower   | Information not provided.   |

**Cost Information**

**Outside Professional Services**

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

| Description   | Predetermined Cost Estimate | Estimated Cost     | Estimated Cost Justification  | Actual Cost        | Actual Cost Justification |
|---|-----------------------------|--------------------|---|--------------------|---------------------------|
| <b>Outside Professional Services</b>  | <b>\$89,522.42</b>          | <b>\$83,457.42</b> |   | <b>\$38,587.30</b> |                           |
| Site prep   | <i>\$8,000.00</i>           | \$8,000.00         | To accurately reflect actual costs for this service.  | \$8,000.00         | N/A                       |
| Site Survey   | <i>\$2,526.80</i>           | \$2,526.80         | N/A   | \$2,526.80         | N/A                       |
| Additional Legal Services   | <i>\$4,100.00</i>           | \$4,100.00         | Estimate 10 hours of additional legal services to review forms and associated emails and phone calls. | \$1,949.00         | N/A                       |
| ASR modification (prepare FCC Form 854)   | \$2,105.00                  | \$2,000.00         | Correction of tower ownership and final exact location of new tower.                                  | N/A                | N/A                       |
| Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application | \$2,365.00                  | \$2,250.00         | N/A   | N/A                | N/A                       |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application   | \$1,580.00                  | \$1,500.00         | N/A   | N/A                | N/A                       |



|  |                   |            |   |            |     |
|--|-------------------|------------|---|------------|-----|
| Prepare engineering section of FCC Form 2100 (main), Construction Permit Application | \$3,155.00        | \$3,000.00 | N/A   | \$2,980.00 | N/A |
| NEPA Section 106 environmental review, if needed                                     | \$6,310.00        | \$6,000.00 | N/A   | N/A        | N/A |
| Perform engineering study for new channel assignment and antenna development         | \$7,360.00        | \$7,000.00 | N/A   | \$1,942.50 | N/A |
| Address transition timing and coordination issues w/ other stations and wireless     | \$2,630.00        | \$0.00     | N/A   | N/A        | N/A |
| 6 Percent KY Sales Tax   | <b>\$3,580.62</b> | \$3,580.62 | Estimated sales tax on professional services billed after July 1, 2018. Kentucky changed tax laws on that date to include services and labor. | N/A        | N/A |

|  |                |                |  |              |   |
|--|----------------|----------------|--|--------------|---|
| Project management of the transition   | \$37,920.00    | \$36,000.00    | Number of hours required for project management were underestimated. Customer was unable to navigate the 399, so invoice upload and 399 maintenance was added to project management. Tower replacement and 399 rework caused increased hours required. | \$17,025.00  | N/A   |
| Prepare and or review reimbursement form   | \$2,630.00     | \$2,500.00     | N/A  | \$1,788.00   | See detailed description on Garvey Schubert Barer invoices. |
| Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application | \$5,260.00     | \$5,000.00     | N/A  | \$2,376.00   | N/A   |
| <b>Sub-total</b>   | \$89,522.42    | \$83,457.42    | N/A  | \$38,587.30  | N/A   |
| <b>Total for all systems</b>   | \$1,575,320.77 | \$1,203,661.40 | N/A  | \$231,440.94 | N/A   |

## Components

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

|                    |  |
|--------------------|--|
| <p>Site prep</p>   | <p><b>Component Description:</b> Site preparation service to prepare site to receive transmitter and RF System. Walk through with electrical contractor. This is the total for this category. Changed type from receipt to invoice at reviewer's request.</p> <p><b>Amount:</b> \$8,000.00</p> |
| <p>Site Survey</p> | <p><b>Component Description:</b> Cover letter explaining site survey</p> <p><b>Amount:</b> \$2,526.80</p>  |

|  |  |
|--|--|
| Additional Legal Services  | <p><b>Component Description:</b> Review post auction transition status report (form 387)</p> <p><b>Amount:</b> \$150.00</p> <p><b>Component Description:</b> Repack related legal fees.</p> <p><b>Amount:</b> \$54.00</p> <p><b>Component Description:</b> To correct typo on Form number.</p> <p><b>Amount:</b> \$287.00</p> <p><b>Component Description:</b> Repack related legal services.</p> <p><b>Amount:</b> \$432.00</p> <p><b>Component Description:</b> Repack Related Legal fees.</p> <p><b>Amount:</b> \$756.00</p> <p><b>Component Description:</b> Repack related legal fees.</p> <p><b>Amount:</b> \$270.00</p> |
| ASR modification (prepare FCC Form 854)  | Information not provided.  |
| Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application | Information not provided.  |
| Prepare engineering section of FCC Form 2100 (main), License to Cover Application  | Information not provided.  |

|   |   |
|---|---|
| <p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p> | <p><b>Component Description:</b> Final antenna analysis and file CP</p> <p><b>Amount:</b> \$2,980.00</p>  |
| <p>NEPA Section 106 environmental review, if needed</p>                                     | <p>Information not provided.</p>  |
| <p>Perform engineering study for new channel assignment and antenna development</p>         | <p><b>Component Description:</b> Review of FCC notification and filing process related to new channel</p> <p><b>Amount:</b> \$370.00</p> <p><b>Component Description:</b> Work on antenna and structural compatibility</p> <p><b>Amount:</b> \$786.25</p> <p><b>Component Description:</b> Work related to new antenna study</p> <p><b>Amount:</b> \$786.25</p> |
| <p>Address transition timing and coordination issues w/ other stations and wireless</p>     | <p>Information not provided.</p>  |
| <p>6 Percent KY Sales Tax</p>   | <p>Information not provided.</p>  |
| <p>Project management of the transition</p>   | <p><b>Component Description:</b> Project management fees incurred in December 2018</p> <p><b>Amount:</b> \$2,212.50</p>   |

**Component Description:** Project Management Fees for November 2018  
**Amount:** \$1,462.50

**Component Description:** Project Management fees for work performed in August 2018.  
**Amount:** \$1,200.00

**Component Description:** Project management in September 2018.  
**Amount:** \$1,200.00

**Component Description:** Project Management fees. Revised per admin request.  
**Amount:** \$750.00

**Component Description:** Project Management Fees for May 2018.  
**Amount:** \$1,162.50

**Component Description:** Project Management fees.  
**Amount:** \$675.00

**Component Description:** Project Management  
**Amount:** \$975.00

|   |  |
|---|--|
|   | <p><b>Component Description:</b> Project Management fees for October 2018</p> <p><b>Amount:</b> \$3,037.50</p> <p><b>Component Description:</b> Project Management Fees for June and July, 2018. NOTE - the invoice is 2 pages long.</p> <p><b>Amount:</b> \$1,275.00</p> <p><b>Component Description:</b> Project Management in January 2018.</p> <p><b>Amount:</b> \$225.00</p> <p><b>Component Description:</b> Project management fees. Added detail to invoice per fund admin request.</p> <p><b>Amount:</b> \$2,850.00</p> |
| <p>Prepare and or review reimbursement form</p> | <p><b>Component Description:</b> Legal fees.</p> <p><b>Amount:</b> \$1,080.00</p> <p><b>Component Description:</b> Review and revise 399 form to correct licensee information, post sale. Attorney fee.</p> <p><b>Amount:</b> \$492.00</p> <p><b>Component Description:</b> Legal fees.</p> <p><b>Amount:</b> \$216.00</p>   |

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Attorney Fees - Prepare and  
File FCC Form 2100 (main),  
Construction Permit  
Application

**Component Description:**

Form 2100 legal  
fees.

**Amount:**

\$1,944.00

**Component Description:**

Form 2100 legal  
fees.

**Amount:**

\$432.00

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**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 |
|---|-----------------------------|--------------------|---|-------------------|---------------------------|
| <b>Other Expenses</b>                                   | <b>\$48,129.10</b>          | <b>\$38,939.10</b> |   | <b>\$6,068.38</b> |                           |
| 6 Percent KY Sales Tax                                  | <i>\$2,204.10</i>           | \$2,204.10         | 6 percent Kentucky sales tax is applied to the pre-tax total. Please see additional details in "WNKY 190104 Revised Transition Plan", attached. | N/A               | N/A                       |
| Lease Negotiations                                      | <i>\$2,000.00</i>           | \$2,000.00         | Preliminary estimate pending tower inspection. Cost of legal work related to negotiating changes in leases with existing tenants on tower.      | N/A               | N/A                       |
| Develop and air announcement of upcoming channel change | <i>\$5,000.00</i>           | \$5,000.00         | Production of announcements   | N/A               | N/A                       |

|  |                           |             |   |            |     |
|--|---------------------------|-------------|---|------------|-----|
| Equipment Delivery and Handling Charges                                  | <b><i>\$15,000.00</i></b> | \$15,000.00 | Estimated delivery and handling costs have increased to cover cost of shipping tower steel, antenna, transmission line, etc.  | \$1,658.38 | N/A |
| Disposal Costs (for equipment and other waste, net of any salvage value) | <b><i>\$10,000.00</i></b> | \$10,000.00 | N/A   | N/A        | N/A |
| Local Zoning   | <b><i>\$0.00</i></b>      | \$0.00      | N/A   | N/A        | N/A |
| DTV Medical Facility Notification  | \$11,550.00               | \$2,565.00  | Estimate from DTVNotification is uploaded as "EST-001399 DTVNotification estimate for Medical Facility Notification.pdf"  | \$2,565.00 | N/A |
| FCC Filing Fees - Form 2100 license to cover application                 | \$335.00                  | \$325.00    | N/A   | N/A        | N/A |
| MVPD Notification of Channel Change                                      | <b><i>\$1,845.00</i></b>  | \$1,845.00  | Station does not have sufficient staff to handle this task in house. Estimate from DTV Notification is uploaded as "EST-001400 DTVNotification Estimate for MVPD Notification.pdf". | \$1,845.00 | N/A |

|   |                |                |     |              |     |
|---|----------------|----------------|-----|--------------|-----|
| FCC Filing Fees - Special Temporary Authorization request | \$195.00       | \$0.00         | N/A | N/A          | N/A |
| <b>Sub-total</b>  | \$48,129.10    | \$38,939.10    | N/A | \$6,068.38   | N/A |
| <b>Total for all systems</b>                              | \$1,575,320.77 | \$1,203,661.40 | N/A | \$231,440.94 | N/A |

## Components

| Actual Information   |   |
|--|---|
| Description  | File Name   |
| 6 Percent KY Sales Tax   | Information not provided.   |
| Lease Negotiations   | Information not provided.   |
| Develop and air announcement of upcoming channel change                  | Information not provided.   |
| Equipment Delivery and Handling Charges                                  | <p><b>Component Description:</b> Forklift &amp; pallet truck required to off-load new transmitter &amp; remove unused equipment to be able to place new transmitter. See cover letter.</p> <p><b>Amount:</b> \$1,658.38</p> |
| Disposal Costs (for equipment and other waste, net of any salvage value) | Information not provided.   |
| Local Zoning   | Information not provided.   |
| DTV Medical Facility Notification  | <p><b>Component Description:</b> Fees for Medical Facilities notifications.</p> <p><b>Amount:</b> \$2,565.00</p>  |

|   |   |                               |                                     |                |            |
|---|---|-------------------------------|-------------------------------------|----------------|------------|
| FCC Filing Fees - Form 2100 license to cover application  | Information not provided.   |                               |                                     |                |            |
| MVPD Notification of Channel Change                       | <table> <tr> <td data-bbox="719 331 1029 365"><b>Component Description:</b></td> <td data-bbox="1161 331 1342 439">Fees for MVPD Notification Services</td> </tr> <tr> <td data-bbox="719 450 831 483"><b>Amount:</b></td> <td data-bbox="1161 450 1283 483">\$1,845.00</td> </tr> </table> | <b>Component Description:</b> | Fees for MVPD Notification Services | <b>Amount:</b> | \$1,845.00 |
| <b>Component Description:</b>                             | Fees for MVPD Notification Services   |                               |                                     |                |            |
| <b>Amount:</b>  | \$1,845.00  |                               |                                     |                |            |
| FCC Filing Fees - Special Temporary Authorization request | Information not provided.   |                               |                                     |                |            |

**Cost Information** **Grand Total**

|                              | <b>Predetermined Cost Estimate</b> | <b>Estimated Cost</b> | <b>Actual Cost</b> |
|------------------------------|------------------------------------|-----------------------|--------------------|
| <b>Total for all systems</b> | \$1,575,320.77                     | \$1,203,661.40        | \$231,440.94       |

**Reimbursement Status**

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

| Certification | Section   | Question  | Response |
|---------------|---|---|----------|
|               | <p><b>Submission of Estimated Expenses Statements</b></p> | <p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>   |          |
|               |   | <ol style="list-style-type: none"> <li data-bbox="758 772 1061 1176">1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.</li> <li data-bbox="758 1198 1045 1444">2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li data-bbox="758 1467 1061 1758">3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.</li> </ol> |          |

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

|   |   |
|---|---|
| <p>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.</p> |   |
| <p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>   | <p><b>Edward J Murlatt</b><br/><i>Project Manager</i></p> <p>01/11/2019</p> |

**Attachments**