



(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 **10/15**  
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 4400 BROOKEVILLE ROAD BROOKEVILLE, MD 20833 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> <i>Project Manager</i> <i>Ed Murlatt &amp; Associates, Inc.</i>	Ed Murlatt 41 Foxpoint West Williamsville, NY 14221 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 Description</b>	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
<b>Existing Transmitter Manufacturer and Type</b>	Manufacturer	
	Model	HX 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 New
	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
<b>Existing Antenna Manufacturer and Type</b>	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)	120.0 kW

Manufacturer	
Model	SWMP16PN /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) .....	90.0 kW
Manufacturer		

Model	ATW12H3- 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 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 New
	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
<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 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 - Guyed Structure Used for Communication Purposes
Tower Owner	MMK License LLC
Date Constructed	10/04/2016

**Primary  
Tower**

**Tower Modification Costs**

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

**Primary  
Tower**

**Tower Rigging Costs**

Section	Question	Response
Tower Rigging Costs	Complex Tower	N/A
Helicopter Services Required	Are helicopter services required?	No

**Primary  
Tower**

**Other Tower Expenses Not Listed**

Name	Description
Tower Rigging	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>Site Prep for New Tower</b>	Costs to move electrical service entry and clear areas for guys and tag path for new tower construction. Please see proposals and cover letter uploaded as "Tower Site Prep for New Tower.pdf" Work is outside the SOW in the ERI proposal.
<b>Sales tax on Locked Portion</b>	6% Kentucky Sales tax due on portion of tower expenses that are locked.
<b>Excess Foundation Installation Cost</b>	Additional cost for installation of new tower foundations. See details in cover letter uploaded as "Cover letter with ERI Proposal 20190912-721 for additional expenses related to tower foundation installation"
<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>6 Percent KY Sales Tax</b>	Sales tax will be applicable to all expenses in this category.
<b>Lease Negotiations</b>	Estimate for legal work related to negotiating with tenants on tower
<b>Inside RF Modifications</b>	Modifications to inside RF to connect to new antenna and transmission line.

**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

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Other Electrical Service: Estimated electrical and building modifications required to install new transmitter	<b><i>\$24,713.90</i></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
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UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW	\$273,500.00	\$140,610.26	***System Notice: Estimate adjusted and locked because line has been superseded. ***Original transmitter is being replaced with a lower cost Anywave transmitter. System components and installation materials are obtained from various sources. See explanation uploaded as "WNKY Main Transmitter Updated Quote Explanation. pdf"	\$140,610.26	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>	\$1,667,518.27	\$1,295,858.90	N/A	\$976,299.25	N/A

### Components

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

<p>Other Electrical Service: Estimated electrical and building modifications required to install new transmitter</p>	<p><b>Component Description:</b></p>	<p>Invoice against proposal uploaded as WNKY Electrical Work.pdf</p>
	<p><b>Amount:</b></p>	<p>\$23,315.00</p>
<p>UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW</p>	<p><b>Component Description:</b></p>	<p>Balance due against quote 180513WNKY for kit of installation materials.</p>
	<p><b>Amount:</b></p>	<p>\$1,800.00</p>
	<p><b>Component Description:</b></p>	<p>Deposit for Main Transmitter Installation Kit</p>
	<p><b>Amount:</b></p>	<p>\$2,700.00</p>
	<p><b>Component Description:</b></p>	<p>Deposit for Main Transmitter.</p>
	<p><b>Amount:</b></p>	<p>\$72,180.00</p>
	<p><b>Component Description:</b></p>	<p>Final Payment for RF System Components</p>
	<p><b>Amount:</b></p>	<p>\$17,572.10</p>
	<p><b>Component Description:</b></p>	<p>Deposit for Main Transmitter RF System</p>
	<p><b>Amount:</b></p>	<p>\$26,358.16</p>
	<p><b>Component Description:</b></p>	<p>Transmitter installation services as quoted in quote number 180512WNKY.</p>
	<p><b>Amount:</b></p>	<p>\$20,000.00</p>



**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>\$89,098.80</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.	\$75,107.70	N/A
Sweep test of existing antenna	\$6,730.00	\$6,943.00	Widality estimate plus 6% Kentucky tax	\$6,450.00	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.	\$7,541.10	N/A
<b>Sub-total</b>	\$132,980.00	\$104,284.92	N/A	\$89,098.80	N/A
<b>Total for all systems</b>	\$1,667,518.27	\$1,295,858.90	N/A	\$976,299.25	N/A

### Components

Actual Information Description	File Name
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UHF - Lower Power Side Mount, One Station antenna . medium power (50-200 kW), elliptically or circularly polarized

**Component Description:**

This is the 30% payment due 30 days ARO. This invoice is split across categories. Please see cover letter for clarification.

**Amount:**

\$25,035.90

**Component Description:**

This is a split invoice. This is 30% due prior to shipping. Please see cover letter uploaded with invoice as "Cover Letter with ERI invoice WNKY-060B"

**Amount:**

\$25,035.90

**Component Description:**

Invoice is split across categories. Please see cover letter for detailed information. This is a 30% deposit on the main antenna.

**Amount:**

\$25,035.90

Sweep test of existing antenna

**Component Description:**

Invoice is split between sweep test, which was the reason for the trip at this time, and Inside RF Work under other expenses.

**Amount:**

\$6,450.00

Side mount brackets for high power antennas (if not included in antenna base cost)

**Component Description:**

30% payment due prior to shipment. Please see cover letter with ERI invoice uploaded as "Cover Letter with ERI invoice WNKY-060B"

**Amount:**

\$2,513.70

**Component Description:**

This is the 30% payment due 30 days ARO. This invoice is split across categories. Please see cover letter for clarification.

**Amount:**

\$2,513.70

**Component Description:**

Invoice is split across categories. Please see cover letter for detailed information. This is a 30% deposit on the custom mounts.

**Amount:**

\$2,513.70

**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>\$23,461.35</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.	\$23,461.35	N/A
<b>Sub-total</b>	<b>\$29,500.00</b>	<b>\$27,632.27</b>	N/A	<b>\$23,461.35</b>	N/A
<b>Total for all systems</b>	<b>\$1,667,518.27</b>	<b>\$1,295,858.90</b>	N/A	<b>\$976,299.25</b>	N/A

**Components**

Actual Information Description	File Name
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Flexible Air Transmission  
Line - dielectric, 3"

**Component Description:**

This is a split invoice. This is 30% due prior to shipping. Please see cover letter uploaded with invoice as "Cover Letter with ERI invoice WNKY-060B"

**Amount:**

\$7,820.45

**Component Description:**

Invoice is split across categories. Please see cover letter for detailed information. This is a 30% deposit on the main transmission line.

**Amount:**

\$7,820.45

**Component Description:**

This is the 30% payment due 30 days ARO. This invoice is split across categories. Please see cover letter for clarification.

**Amount:**

\$7,820.45

**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>\$551,527.85</b>	<b>\$757,868.61</b>		<b>\$616,553.16</b>	

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Site Prep for New Tower	<b><i>\$39,230.00</i></b>	\$39,230.00	Please see attached explanation titled "Tower Site Prep for New Tower. PDF" which explains work that outside the SOW in ERI's proposal. Explanation includes a proposal for electrical service mods and a quote for clearing, grading and fence removal.	\$44,130.00	Sub-total is greater than estimate due to change in SOW for Daniel Bledsoe.
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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.	\$9,132.06	N/A
Tall Tower (greater than 500')	\$210,500.00	\$416,840.76	Installation services - Items 003 and 004 of "ERI Proposal 20181112-836 Rev C", attached. Additional clarification in "WNKY 190104 Revised Transition Plan", also attached.	\$353,921.40	N/A



Excess Foundation Installation Cost	<b><i>\$42,422.50</i></b>	\$42,422.50	Excess cost of foundation installation due to extreme terrain. See explanation uploaded as "Cover letter with ERI Proposal 20190912-721 for additional expenses related to tower foundation installation"	N/A	N/A
New tower	<b><i>\$246,590.98</i></b>	\$246,590.98	Cost of tower and foundations. Items 001.001 -001.028, 001.038-001.062, 001.093, 001.095, and 002 in "ERI Proposal #20181112-836 Rev C", attached. Please see additional justification in "WNKY 190104 Revised Transition Plan", also attached	\$209,369.70	N/A

Sales tax on Locked Portion	<b>\$1,371.60</b>	\$1,371.60	6% Sales tax on Structural studies. Line item was locked when replacement tower was added.	N/A	N/A
<b>Sub-total</b>	\$564,127.85	\$780,728.61	N/A	\$639,413.16	N/A
<b>Total for all systems</b>	\$1,667,518.27	\$1,295,858.90	N/A	\$976,299.25	N/A

### Components

Actual Information	
Description	File Name

Structural engineering tower  
load study for well  
documented tower

**Component Description:** 50% deposit for  
tower mapping  
and structural  
study.  
**Amount:** \$10,930.00

**Component Description:** 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"  
**Amount:** \$600.00

**Component Description:** Tower  
reinforcement  
analysis that  
indicated early on  
that the tower  
must be replaced.  
Please read the  
cover letter and  
see revised  
transition plan for  
details.  
**Amount:** \$400.00

**Component Description:** Final payment for  
tower study.  
**Amount:** \$10,930.00

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Site Prep for New Tower

**Component Description:**

This invoice is as quoted. The category total ran over due to change order to SOW for Daniel Bledsoe.

**Amount:**

\$21,330.00

**Component Description:**

Site prep for new tower installation. SOW was expanded after quote. See cover letter and invoice for details.

**Amount:**

\$22,800.00

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Collateral Expenses

**Component Description:** Invoice is split across categories. Please see cover letter for detailed information. This is a 30% deposit on the collateral expenses related to tower replacement.

**Amount:** \$3,044.02

**Component Description:** This is a split invoice. This is 30% due prior to shipping. Please see cover letter uploaded with invoice as "Cover Letter with ERI invoice WNKY-060B"

**Amount:** \$3,044.02

**Component Description:** This is the 30% payment due 30 days ARO. This invoice is split across categories. Please see cover letter for clarification.

**Amount:** \$3,044.02

Tall Tower (greater than 500')	<p><b>Component Description:</b> This is a split invoice. This is 30% due prior to shipping. Please see cover letter uploaded with invoice as "Cover Letter with ERI invoice WNKY-060B"</p> <p><b>Amount:</b> \$117,973.80</p>
	<p><b>Component Description:</b> Invoice is split across categories. Please see cover letter for detailed information. This is a 30% deposit on the installation tall tower.</p> <p><b>Amount:</b> \$117,973.80</p>
	<p><b>Component Description:</b> This is the 30% payment due 30 days ARO. This invoice is split across categories. Please see cover letter for clarification.</p> <p><b>Amount:</b> \$117,973.80</p>
Excess Foundation Installation Cost	Information not provided.

New tower	<p><b>Component Description:</b> This is a split invoice. This is 30% due prior to shipping. Please see cover letter uploaded with invoice as "Cover Letter with ERI invoice WNKY-060B"</p> <p><b>Amount:</b> \$69,789.90</p> <p><b>Component Description:</b> Invoice is split across categories. Please see cover letter for detailed information. This is a 30% deposit on the New Tower.</p> <p><b>Amount:</b> \$69,789.90</p> <p><b>Component Description:</b> This is the 30% payment due 30 days ARO. This invoice is split across categories. Please see cover letter for clarification.</p> <p><b>Amount:</b> \$69,789.90</p>
Sales tax on Locked Portion	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>\$49,987.30</b>	
6 Percent KY Sales Tax	<i>\$3,580.62</i>	\$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
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



NEPA Section 106 environmental review, if needed	\$6,310.00	\$6,000.00	N/A	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.	\$28,425.00	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.
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$0.00	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

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$2,980.00	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
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
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
<b>Sub-total</b>	\$89,522.42	\$83,457.42	N/A	\$49,987.30	N/A
<b>Total for all systems</b>	\$1,667,518.27	\$1,295,858.90	N/A	\$976,299.25	N/A

### Components

Actual Information	
Description	File Name
6 Percent KY Sales Tax	Information not provided.

<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> To correct typo on Form number.</p> <p><b>Amount:</b> \$287.00</p> <p><b>Component Description:</b> Repack Related Legal fees.</p> <p><b>Amount:</b> \$756.00</p> <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> \$270.00</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> \$54.00</p>
ASR modification (prepare FCC Form 854)	Information not provided.
NEPA Section 106 environmental review, if needed	Information not provided.
Project management of the transition	<p><b>Component Description:</b> Project management fees for work in July and August 2019.</p> <p><b>Amount:</b> \$2,550.00</p>

**Component Description:** Project management fees. Added detail to invoice per fund admin request.  
**Amount:** \$2,850.00

**Component Description:** Project Management in January 2018.  
**Amount:** \$225.00

**Component Description:** Project management fees for work in May and June 2019.  
**Amount:** \$2,362.50

**Component Description:** Project Management fees for October 2018  
**Amount:** \$3,037.50

**Component Description:** Project Management Fees for June and July, 2018. NOTE - the invoice is 2 pages long.  
**Amount:** \$1,275.00

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

**Component Description:** Project management fees incurred in December 2018  
**Amount:** \$2,212.50

**Component Description:** Project management fees for February-April 2019.  
**Amount:** \$975.00

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

**Component Description:** Project management fees for work in January 2019.  
**Amount:** \$5,512.50

**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 for November 2018  
**Amount:** \$1,462.50

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

	<p><b>Component Description:</b> Project Management Fees for May 2018.</p> <p><b>Amount:</b> \$1,162.50</p>
<p>Prepare and or review reimbursement form</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> <p><b>Component Description:</b> Legal fees.</p> <p><b>Amount:</b> \$1,080.00</p>
<p>Address transition timing and coordination issues w/ other stations and wireless</p>	<p>Information not provided.</p>
<p>Perform engineering study for new channel assignment and antenna development</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> 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 related to new antenna study</p> <p><b>Amount:</b> \$786.25</p>

<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>Prepare engineering section of FCC Form 2100 (main), License to Cover Application</p>	<p>Information not provided.</p>
<p>Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application</p>	<p><b>Component Description:</b> Form 2100 legal fees.</p> <p><b>Amount:</b> \$1,944.00</p> <p><b>Component Description:</b> Form 2100 legal fees.</p> <p><b>Amount:</b> \$432.00</p>
<p>Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application</p>	<p>Information not provided.</p>



**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>\$58,674.10</b>	<b>\$49,484.10</b>		<b>\$10,413.38</b>	
Inside RF Modifications	<i>\$10,500.00</i>	\$10,500.00	Estimated cost of time and materials to make connection to Heliac feeding antenna. Building entry moved due to replacement tower location. Tower base moved 20 feet from existing and ice bridge had to be relocated to pass existing tower.	\$4,300.00	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

6 Percent KY Sales Tax	<b><i>\$2,204.10</i></b>	\$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
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
Develop and air announcement of upcoming channel change	<b><i>\$5,000.00</i></b>	\$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)	<i>\$10,000.00</i>	\$10,000.00	N/A	N/A	N/A
Local Zoning	<i>\$45.00</i>	\$45.00	Warren County, KY building permit to construct replacement tower.	\$45.00	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
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$0.00	N/A	N/A	N/A
<b>Sub-total</b>	\$58,674.10	\$49,484.10	N/A	\$10,413.38	N/A
<b>Total for all systems</b>	\$1,667,518.27	\$1,295,858.90	N/A	\$976,299.25	N/A

## Components

Actual Information	
Description	File Name

Inside RF Modifications	<p><b>Component Description:</b> Split invoice. This is the portion allocated to inside RF work. Remainder of inside RF work will occur when the station changes to new channel.</p> <p><b>Amount:</b> \$4,300.00</p>
Lease Negotiations	Information not provided.
6 Percent KY Sales Tax	Information not provided.
MVPD Notification of Channel Change	<p><b>Component Description:</b> Fees for MVPD Notification Services</p> <p><b>Amount:</b> \$1,845.00</p>
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	<p><b>Component Description:</b> Station EIN used in lieu of having Warren County Government EIN. Used Permit number as invoice number. Corrected Vendor name per reviewer request.</p> <p><b>Amount:</b> \$45.00</p>
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.
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>	\$1,667,518.27	\$1,295,858.90	\$976,299.25

**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>1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.</li> <li>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.</li> </ol>	

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



8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.

**EDWARD  
J Murlatt**  
*Project  
Manager*

10/15/2019

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

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

8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.

**EDWARD  
J Murlatt**  
*Project  
Manager*

10/15/2019

## Attachments