



(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 **03/01**
Submitted: **/2020**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
MARQUEE BROADCASTING KENTUCKY, INC.	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
Edward J Murlatt <i>Project Manager</i> <i>Ed Murlatt & 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

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	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
New Transmitter	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
Electrical Service	Service Entrance (3 phases 800A 208V)	No

	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	Estimated electrical and building modifications required to install new transmitter
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

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

Antennas

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

**Primary
Antenna**

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	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
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels	N/A
	Design power capacity in use	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	120.0 kW

Manufacturer	
Model	SWMP16PN /16
Year	2009

**Primary
Antenna**

New Antenna Costs

Section	Question	Response
New Antenna Description	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
	New Antenna Manufacturer and Types	Class
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
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	Yes

Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	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
Existing Transmission Line Description	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
Existing Transmission Line Manufacturer and Type	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>New Transmission Line Costs</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
Transmission
Line**

Other Transmission Line Expenses Not Listed

Name	Description
Additional Rigid Line	Line required at tower top to connect Heliax to antenna input.

Tower Equipment And Rigging Costs

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

Primary Tower

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	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
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1042998
Coordinates (NAD83 (North American Datum of 1983))	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
Existing Tower Description	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
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1042998
Coordinates (NAD83 (North American Datum of 1983))	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
Construct New Tower	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
Tower Rigging Costs	Complex Tower	N/A
Helicopter Services Required	Are helicopter services required?	No

**Primary
Tower**

Other Tower Expenses Not Listed

Name	Description
Site Prep for New Tower	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.
Collateral Expenses	Cost of new waveguide and antenna mount for STL required to move dish. Please see details in "WNKY 190104 Revised Transition Plan", attached.
Sales tax on Locked Portion	6% Kentucky Sales tax due on portion of tower expenses that are locked.
Installation of Lighting Controller	New lighting controller needed to be mounted and have AC supplied. Please see "Cover Letter with Stewart Richey Quote" uploaded 11-6-19
Excess Foundation Installation Cost	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"

Outside Professional Services Costs

Section	Question	Response
<p>Outside Project Management Services</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>Outside RF consulting Engineering Services</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
Attorney and Other Outside Consulting Services	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	
RF Field Engineering Services	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
Additional Legal Services	Miscellaneous repack related services
Site Survey	Transition assessment
Site prep	Return trip for site prep, etc.
6 Percent KY Sales Tax	Kentucky Sales Tax applicable on services billed after July 1, 2018.

Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	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
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	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

Name	Description
6 Percent KY Sales Tax	Sales tax will be applicable to all expenses in this category.
Lease Negotiations	Estimate for legal work related to negotiating with tenants on tower
Inside RF Modifications	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
Primary Transmitter Magma	\$792,713.90	\$250,271.58		\$163,925.26	
Other Electrical Service: Estimated electrical and building modifications required to install new transmitter	<i>\$24,713.90</i>	\$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

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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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
Sub-total	\$792,713.90	\$250,271.58	N/A	\$163,925.26	N/A
Total for all systems	\$1,685,207.49	\$1,319,558.12	N/A	\$1,156,186.07	N/A

Components

Actual Information Description	File Name
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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
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: Deposit for Main
Transmitter
Installation Kit
Amount: \$2,700.00

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

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

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

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

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

Cost Information

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Antenna ATW12H3-ESPX-24H	\$132,980.00	\$104,284.92		\$103,791.92	
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.	\$88,460.18	The sub-total equals the estimated cost. This category is complete.
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.	\$8,881.74	N/A

Sweep test of existing antenna	\$6,730.00	\$6,943.00	Widely estimate plus 6% Kentucky tax	\$6,450.00	N/A
Sub-total	\$132,980.00	\$104,284.92	N/A	\$103,791.92	N/A
Total for all systems	\$1,685,207.49	\$1,319,558.12	N/A	\$1,156,186.07	N/A

Components

Actual Information	
Description	File Name

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

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

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:

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:

Invoice is split. Please see cover letter uploaded as "Cover Letter with ERI invoice WNKY-54553-1.pdf"

Amount:

\$13,352.48

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

Component Description:

Invoice is split. Please see cover letter uploaded as "Cover Letter with ERI invoice WNKY-54553-1.pdf"

Amount:

\$1,340.64

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:

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:

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

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

Cost Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmission Line	\$32,552.05	\$30,684.32		\$30,684.30	
Additional Rigid Line	<i>\$3,052.05</i>	\$3,052.05	Please see justification in document uploaded as "Cover letter with ERI proposal 20191007-965 for additional materials required for tower replacemnt" NOTE - Typo in name occurred in upload. Typoed original amount did not include sales tax	\$3,052.05	N/A

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.	\$27,632.25	N/A
Sub-total	\$32,552.05	\$30,684.32	N/A	\$30,684.30	N/A
Total for all systems	\$1,685,207.49	\$1,319,558.12	N/A	\$1,156,186.07	N/A

Components

Actual Information	
Description	File Name
Additional Rigid Line	<p>Component Description: Invoice is split. These are the rigid transmission line components and includes applicable sales tax</p> <p>Amount: \$3,052.05</p>

Flexible Air Transmission
Line - dielectric, 3"

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

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. Please see cover letter uploaded as "Cover Letter with ERI invoice WNKY-54553-1.pdf"

Amount: \$4,170.90

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

Cost Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower GTOWER	\$0.00	\$0.00		\$0.00	
Primary Tower GTOWER	\$0.00	\$0.00		\$0.00	
Primary Tower	\$578,765.02	\$795,365.78		\$775,224.44	
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.

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.	\$403,646.00	N/A
New tower	<i>\$248,498.98</i>	\$248,498.98	Items 001.001 -001.028, 001.038- 001.062, 001.093, 001.095, and 002 in "ERI Proposal #20181112- 836 Rev C", additional justification in "WNKY 190104 Revised Transition Plan", new Cover letter with ERI proposal 20191007- 965 for additional materials requ . .	\$243,238.00	N/A

Excess Foundation Installation Cost	<i>\$42,422.50</i>	\$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"	\$42,422.50	N/A
Sales tax on Locked Portion	<i>\$1,371.60</i>	\$1,371.60	6% Sales tax on Structural studies. Line item was locked when replacement tower was added.	N/A	N/A
Site Prep for New Tower	<i>\$45,230.00</i>	\$45,230.00	Please see attached explanation titled "Letter explaining Ice Bridge and Portal Installation Expense" which explains additional work that outside the SOW in ERI's proposal.	\$45,230.00	Sub-total is greater than estimate due to change in SOW for Daniel Bledsoe.

Installation of Lighting Controller	<i>\$1,660.00</i>	\$1,660.00	Cost of electrical and mechanical installation of new lighting controller. Please see" Cover Letter with Stewart Richey Quote" uploaded November 6, 2019 for additional details.	\$1,660.00	N/A
Collateral Expenses	<i>\$16,481.94</i>	\$16,481.94	Please see statement regarding restoration of damaged WNKY 399 uploaded as "WNKY 399 Restoration February 2020.pdf"	\$16,167.94	N/A
Sub-total	\$578,765.02	\$795,365.78	N/A	\$775,224.44	N/A
Total for all systems	\$1,685,207.49	\$1,319,558.12	N/A	\$1,156,186.07	N/A

Components

Actual Information	Description	File Name
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Structural
engineering
tower load
study for
well
documented
tower

Component Description:

Final payment for tower 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:

50% deposit for tower mapping and structural study.

Amount:

\$10,930.00

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

Tall Tower
(greater
than 500')

Component Description:

Invoice is split. Please see cover letter
uploaded as "Cover Letter with ERI invoice
WNKY-54553-1.pdf"

Amount:

\$39,324.60

Component Description:

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

Amount:

\$117,973.80

Component Description:

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

Amount:

\$117,973.80

Component Description:

Please see cover letter uploaded as "Cover
Letter with ERI invoice WNKY-55183 for
weather days.pdf"

Amount:

\$10,400.00

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:

\$117,973.80

New tower	<p>Component Description: Invoice is split. Please see cover letter uploaded as "Cover Letter with ERI invoice WNKY-54553-1.pdf"</p> <p>Amount: \$31,960.30</p> <p>Component Description: Split Invoice. This is the portion attributable to the new tower.</p> <p>Amount: \$1,908.00</p> <p>Component Description: This is the 30% payment due 30 days ARO. This invoice is split across categories. Please see cover letter for clarification.</p> <p>Amount: \$69,789.90</p> <p>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"</p> <p>Amount: \$69,789.90</p> <p>Component Description: Invoice is split across categories. Please see cover letter for detailed information. This is a 30% deposit on the New Tower.</p> <p>Amount: \$69,789.90</p>
Excess Foundation Installation Cost	<p>Component Description: Payment due prior to mobilization.</p> <p>Amount: \$16,969.00</p> <p>Component Description: Deposit with order for additional foundation installation expenses.</p> <p>Amount: \$21,211.25</p> <p>Component Description: Balance due on additional foundation costs incurred due to rough terrain.</p> <p>Amount: \$4,242.25</p>

Sales tax on Locked Portion	Information not provided.	
Site Prep for New Tower	<p>Component Description:</p> <p>Amount:</p> <p>Component Description:</p> <p>Amount:</p> <p>Component Description:</p> <p>Amount:</p>	<p>Site prep for new tower installation. SOW was expanded after quote. See cover letter and invoice for details.</p> <p>\$22,800.00</p> <p>This invoice is as quoted. The category total ran over due to change order to SOW for Daniel Bledsoe.</p> <p>\$21,330.00</p> <p>Please see cover letter with invoice and PO.</p> <p>\$1,100.00</p>
Installation of Lighting Controller	<p>Component Description:</p> <p>Amount:</p>	<p>This is a split invoice. This is the portion allocated to installation of tower light controller.</p> <p>\$1,660.00</p>

Collateral
Expenses

Component Description: Invoice is split please see explanation in cover letter uploaded as "Inv_22037_from_RF_Specialties_of_PA_Inc._23436 with Cover Letter. pdf"

Amount: \$3,773.83

Component Description: Invoice is split. This is the amount for collateral costs

Amount: \$179.26

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: Invoice is split. Please see cover letter uploaded as "Cover Letter with ERI invoice WNKY-54553-1.pdf"

Amount: \$1,623.47

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

Amount: \$3,044.02

Component Description: Please see explanation in attached cover letter uploaded as "Cover letter with Full Wave Tower and Broadcasting Invoice. pdf"

Amount: \$1,459.32

Cost Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$89,522.42	\$89,457.42		\$61,999.80	
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.	\$2,149.00	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
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
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

Project management of the transition	\$37,920.00	\$42,000.00	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 continues to increase hours required.	\$39,037.50	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	\$1,200.00	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
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$1,788.00	See detailed description on Garve Schube Barer invoices
Sub-total	\$89,522.42	\$89,457.42	N/A	\$61,999.80	N/A
Total for all systems	\$1,685,207.49	\$1,319,558.12	N/A	\$1,156,186.07	N/A

Components

Actual Information Description	File Name
6 Percent KY Sales Tax	Information not provided.
Site prep	<p>Component Description: 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>Amount: \$8,000.00</p>
Site Survey	<p>Component Description: Cover letter explaining site survey</p> <p>Amount: \$2,526.80</p>

Additional Legal Services	<p>Component Description: Legal fees in November 2019 for repack related work.</p> <p>Amount: \$200.00</p> <p>Component Description: Repack related legal services.</p> <p>Amount: \$432.00</p> <p>Component Description: Review post auction transition status report (form 387)</p> <p>Amount: \$150.00</p> <p>Component Description: Repack related legal fees.</p> <p>Amount: \$270.00</p> <p>Component Description: Repack Related Legal fees.</p> <p>Amount: \$756.00</p> <p>Component Description: To correct typo on Form number.</p> <p>Amount: \$287.00</p> <p>Component Description: Repack related legal fees.</p> <p>Amount: \$54.00</p>
ASR modification (prepare FCC Form 854)	Information not provided.
NEPA Section 106 environmental review, if needed	Information not provided.

<p>Prepare engineering section of FCC Form 2100 (main), License to Cover Application</p>	<p>Information not provided.</p>	
<p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p>	<p>Component Description:</p> <p>Amount:</p>	<p>Final antenna analysis and file CP \$2,980.00</p>
<p>Perform engineering study for new channel assignment and antenna development</p>	<p>Component Description:</p> <p>Amount:</p> <p>Component Description:</p> <p>Amount:</p> <p>Component Description:</p> <p>Amount:</p>	<p>Work on antenna and structural compatibility \$786.25</p> <p>Work related to new antenna study \$786.25</p> <p>Review of FCC notification and filing process related to new channel \$370.00</p>
<p>Address transition timing and coordination issues w/ other stations and wireless</p>	<p>Information not provided.</p>	
<p>Project management of the transition</p>	<p>Component Description:</p> <p>Amount:</p> <p>Component Description:</p> <p>Amount:</p>	<p>Project management fees for January and February 2020. \$3,075.00</p> <p>Project Management in January 2018. \$225.00</p>

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

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

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

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

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

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

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 for Sept 2019 through Dec 2019.

Amount: \$7,537.50

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 in September 2018.

Amount: \$1,200.00

Component Description: Project Management fees for October 2018

Amount: \$3,037.50

	<p>Component Description: Project Management fees for work performed in August 2018.</p> <p>Amount: \$1,200.00</p> <p>Component Description: Project Management</p> <p>Amount: \$975.00</p> <p>Component Description: Project management fees for work in January 2019.</p> <p>Amount: \$5,512.50</p> <p>Component Description: Project management fees for work in July and August 2019.</p> <p>Amount: \$2,550.00</p>
<p>Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application</p>	<p>Component Description: Legal fees for work on application for license to cover.</p> <p>Amount: \$1,200.00</p>
<p>Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application</p>	<p>Component Description: Form 2100 legal fees.</p> <p>Amount: \$1,944.00</p> <p>Component Description: Form 2100 legal fees.</p> <p>Amount: \$432.00</p>

Prepare and or review
reimbursement form

Component Description: Legal fees.
Amount: \$1,080.00

Component Description: Review and revise
399 form to
correct licensee
information, post
sale. Attorney fee.
Amount: \$492.00

Component Description: Legal fees.
Amount: \$216.00

Cost Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$58,674.10	\$49,494.10		\$20,560.35	
Develop and air announcement of upcoming channel change	<i>\$5,000.00</i>	\$5,000.00	Production of announcements	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$10,000.00</i>	\$10,000.00	N/A	\$1,350.00	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$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

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	<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
MVPD Notification of Channel Change	<i>\$1,845.00</i>	\$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
Local Zoning	<i>\$45.00</i>	\$45.00	Warren County, KY building permit to construct replacement tower.	\$45.00	N/A

FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$335.00	The FCC increased the filing fee after the budget was created. We did not see the minor discrepancy until we tried to upload the receipt.	\$335.00	The FCC increased the filing fee for the License to Cover after the budget was submitted. We increased the estimated cost after we entered this explanation.
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.	\$6,146.48	N/A
Equipment Delivery and Handling Charges	<i>\$15,000.00</i>	\$15,000.00	Estimated delivery and handling costs have increased to cover cost of shipping tower steel, antenna, transmission line, etc.	\$8,273.87	N/A
Sub-total	\$58,674.10	\$49,494.10	N/A	\$20,560.35	N/A

Total for all systems	\$1,685,207.49	\$1,319,558.12	N/A	\$1,156,186.07	N/A
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Components

Actual Information Description	File Name
Develop and air announcement of upcoming channel change	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	<p>Component Description: This is a split invoice. This is the portion allocated to remove power to the old transmitter to prep for its disposal.</p> <p>Amount: \$1,350.00</p>
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
DTV Medical Facility Notification	<p>Component Description: Fees for Medical Facilities notifications.</p> <p>Amount: \$2,565.00</p>
Lease Negotiations	Information not provided.
6 Percent KY Sales Tax	Information not provided.
MVPD Notification of Channel Change	<p>Component Description: Fees for MVPD Notification Services</p> <p>Amount: \$1,845.00</p>

Local Zoning	<p>Component Description: 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>Amount: \$45.00</p>
FCC Filing Fees - Form 2100 license to cover application	<p>Component Description: The station's EIN number is used, as this is an FCC receipt. Used the agency tracking ID, as there is no Invoice number given. Corrected dates on 12/9/2019.</p> <p>Amount: \$335.00</p>
Inside RF Modifications	<p>Component Description: Invoice is split. Please see cover letter uploaded as "Cover Letter with ERI invoice WNKY-54553-1.pdf"</p> <p>Amount: \$167.37</p> <p>Component Description: This is a split invoice. This portion is for installation of ladder tray to support wiring and Heliax (transmission line).</p> <p>Amount: \$1,580.00</p> <p>Component Description: 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>Amount: \$4,300.00</p> <p>Component Description: Split invoice. This is the amount charged against RF system modifications.</p> <p>Amount: \$99.11</p>

Equipment
Delivery and
Handling
Charges

Component Description: Equipment delivery and handling identified as freight in attached explanation
"Inv_22037_from_RF_Specialties_of_PA_I
_23436 with Cover Letter.pdf"
Amount: \$836.96

Component Description: Split invoice - This is the amount for shipping including 6% KY tax.
Amount: \$673.67

Component Description: Forklift & pallet truck required to off-load new transmitter & remove unused equipment to be able to place new transmitter. See cover letter.
Amount: \$1,658.38

Component Description: Invoice is split. Please see cover letter uploaded as "Cover Letter with ERI invoice WNKY-54553-1.pdf" which says "freight" which is equipment delivery and handling.
Amount: \$5,104.86

Cost Information **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$1,685,207.49	\$1,319,558.12	\$1,156,186.07

Reimbursement Status

Question	Response
The facility has ceased operating on its pre-auction channel.	Yes
Construction of final facilities or all necessary modifications are complete.	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>Submission of Estimated Expenses Statements</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"> 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. 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount. 	

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

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

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

**EDWARD
J
MURLATT**
*Project
Manager*

03/01/2020

Certification	Section	Question	Response
	<p>Submission of Actual Cost Documentation Statements</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"> 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. 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. 3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 	

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

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

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*

03/01/2020

Attachments