

(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility 61217 Service: DTV Call WNKY Channel: 24 (UHF)

Sign:

File **0000025350** 

Number:

ID:

FRN: **0026650200** Date **12/09** 

Submitted: /2019

# Applicant Information

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

Applicant	Address	Phone	Email	Applican 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 Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

#### Preparer Contact Information

#### **Preparer Contact Name and Information**

Applicant	Address	Phone	Email
Edward J Murlatt Project Manager Ed Murlatt & Associates, Inc.	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**

s	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
	Туре	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
	Туре	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

# Primary Transmitter

**Other Transmitter Cost Not Listed** 

Transmitter Information not provided.

#### **Antennas**

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

#### **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	Class	Full Power
Manufacturer and Type	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	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

#### **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	Class	Full Power
Manufacturer and Types	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Туре	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.

#### **Other Antenna Costs**

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Туре	
	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

#### **Other Antenna Cost Not Listed**

Information not provided.

Transmission <sup>Seffien</sup>	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

# Primary Transmission Line

#### **Existing Transmission Line**

on 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	
	Туре	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

#### **New Transmission Line**

Primary
Transmission Line

<b>New Transmission Line</b>
Costs

Question	Response
Use	Primary (Main)
Description of Use	N/A
Change Type	Purchase New
Is this a request for upgraded equipment?	No
Туре	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	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.

#### Primary Transmi

# Other Transmission Line Expenses Not Listed

mission Line	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

#### **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

#### **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	Do you have a tower registration number?	Yes
Structure Registration	ASR Number	1042998
Coordinates (NAD83 (	Latitude (NAD83)	37° 02' 05.5" N-
North American Datum of 1983))	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

#### **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

#### Other Tower Expenses Not Listed

Name	Description
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"
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.
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
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.
Sales tax on Locked Portion	6% Kentucky Sales tax due on portion of tower expenses that are locked.

Outside Professional

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	240
	Explanation	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.
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of 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
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting	Prepare and file Form FCC Construction Permit Application	Yes
Services	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary 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

## Other Professional Services Expenses Not Listed

Services Costs	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	\$24,713.90	\$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	\$494,500.00	\$84,947.42	Balance that	N/A	N/A
Cooled Solid			will be due		
State			on		
Transmitter			reimbursable		
8.2 - 13 kW			portion of		
			Anywave		
			transmitter		
			plus sales		
			tax due.		
			Please see		
			detailed		
			explanation		
			uploaded as		
			"WNKY		
			190104		
			Revised		
			Transition		
			Plan"		

UHF - Liquid	\$273,500.00	\$140,610.26	***System	\$140,610.26	N/A
Cooled Solid			Notice:		
State			Estimate		
Transmitter			adjusted and		
4.9 . 6.5 kW			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"		
Sub-total	\$792,713.90	\$250,271.58	N/A	\$163,925.26	N/A
Total for all systems	\$1,683,831.67	\$1,318,182.30	N/A	\$1,031,858.84	N/A

#### Components

<b>Actual Information</b>	
Description	File Name

Other Electrical Service: Estimated electrical and building modifications required to install new transmitter	Component Description:  Amount:	Invoice against proposal uploaded as WNKY Electrical Work.pdf \$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: Final Payment for

RF System Components \$17,572.10

Component Description: Deposit for Main

Amount:

Amount:

Transmitter. \$72,180.00

Component Description: Balance due

against quote 180513WNKY for kit of installation

materials.

**Amount:** \$1,800.00

Component Description: Transmitter

installation

services as quoted in quote number 180512WNKY. \$20,000.00

**Amount:** \$20,000.00

Component Description: Deposit for Main

Transmitter RF

System

**Amount:** \$26,358.16

Component Description: Deposit for Main

Transmitter Installation Kit

**Amount:** \$2,700.00

# **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		\$89,098.80	
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	Widelity estimate plus 6% Kentucky tax	\$6,450.00	N/A

Side	\$23,150.00	\$8,881.74	Please see	\$7,541.10	N/A
mount			item 007 of		
brackets			"ERI		
for high			proposal		
power			20181112-		
antennas			836C",		
(if not			attached		
included			plus 6%		
in antenna			KY sales		
base cost)			tax. Also,		
			please see		
			"WNKY		
			190104		
			Revised		
			Transition		
			Plan", also		
			attached.		
Sub-total	\$132,980.00	\$104,284.92	N/A	\$89,098.80	N/A
Total for	\$1,683,831.67	\$1,318,182.30	N/A	\$1,031,858.84	N/A
all					
systems					

#### 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:** 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

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
Primary Transmission Line	\$32,552.05	\$30,684.32		\$26,513.40	
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

Additional Rigid Line	\$3,052.05	\$3,052.05	Please see justification in document uploaded as "Cover letter with ERI proposal 20191007-965 for additional materials required for tower replacement" NOTE - Typo in name occurred in upload. Typoed original amount did not include sales tax	\$3,052.05	N/A
Sub-total	\$32,552.05	\$30,684.32	N/A	\$26,513.40	N/A
Total for all systems	\$1,683,831.67	\$1,318,182.30	N/A	\$1,031,858.84	N/A

#### Components

<b>Actual Information</b>	
Description	File Name

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
	Common and Decembring	This is the 200/
	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	Invoice is aplit
	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
additional Rigid Line		
	Component Description:	Invoice is split.
		These are the
		rigid transmission
		line components
		and includes

Amount:

tax

\$3,052.05

### **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	\$577,389.20	\$793,989.96		\$686,682.92	
Installation of Lighting Controller	\$1,660.00	\$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
Site Prep for New Tower	\$45,230.00	\$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.

New tower	\$248,498.98	\$248,498.98	Items	\$211,277.70	N/A
			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		
Collateral	\$15,106.12	\$15,106.12	Please see	\$9,311.32	N/A
Expenses			"Cover		
			letter with		
			RF		
			Speciaties		
			of PA quote		
			21346"		
			uploaded		
			on		
			November 6		
			for		
			explanation		
			of additional		

Excess Foundation Installation Cost	\$42,422.50	\$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	\$1,371.60	\$1,371.60	6% Sales tax on Structural studies. Line item was locked when replacement tower was added.	N/A	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

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.
Primary Tower GTOWER	\$0.00	\$0.00		\$0.00	
Primary Tower GTOWER	\$0.00	\$0.00		\$0.00	
Sub-total	\$577,389.20	\$793,989.96	N/A	\$686,682.92	N/A
Total for all systems	\$1,683,831.67	\$1,318,182.30	N/A	\$1,031,858.84	N/A

#### Components

File Name	
Component Description:  Amount:	This is a split invoice. This is the portion allocated to installation of tower light controller. \$1,660.00
	Component Description:

Site Prep for New Tower **Component Description:** Site prep for new tower installation. SOW was expanded after quote. See cover letter and invoice for details. \$22,800.00 **Amount: 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:** Please see cover

letter with invoice

and PO.

**Amount:** \$1,100.00

New tower

**Component Description:** This is the 30%

payment due 30 days ARO. This invoice is split across categories. Please see cover

letter for clarification.

**Amount:** \$69,789.90

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:** \$69,789.90

Component Description: Split Invoice. This

is the portion attributable to the

new tower.

**Amount:** \$1,908.00

Component Description: Invoice is split

across categories.
Please see cover
letter for detailed
information. This is
a 30% deposit on
the New Tower.

**Amount:** \$69,789.90

Collateral Expenses

**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.

This is the amount for collateral costs

**Amount:** \$179.26

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

Excess Foundation Installation Cost		
motaliation cost	Component Description:	Deposit with orde
		for additional
		foundation
		installation
		expenses.
	Amount:	\$21,211.25
	Component Description:	Payment due prid
		to mobilization.
	Amount:	\$16,969.00
	Component Description:	Balance due on
		additional
		foundation costs
		incurred due to
		rough terrain.
	Amount:	\$4,242.25
Sales tax on Locked Portion	Information not provided.	

Tall Tower (greater than 500')

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

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:** 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

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: Final payment for

tower 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

### **Cost Information**

#### **Outside Professional Services**

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual C
Outside Professional Services	\$89,522.42	\$89,457.42		\$51,187.30	
6 Percent KY Sales Tax	\$3,580.62	\$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	\$8,000.00	\$8,000.00	To accurately reflect actual costs for this service.	\$8,000.00	N/A
Site Survey	\$2,526.80	\$2,526.80	N/A	\$2,526.80	N/A
Additional Legal Services	\$4,100.00	\$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
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 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

Sub-total	\$89,522.42	\$89,457.42	N/A	\$51,187.30	on Garv Schube Barer
					descripti on Garv Schube Barer invoice
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$1,788.00	See detaile
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.	\$28,425.00	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$0.00	N/A	N/A	N/A

### Components

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

Site prep		
	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.
	Amount:	\$8,000.00
Site Survey		
	Component Description:	Cover letter
		explaining site
		survey
	Amount:	\$2,526.80

	Component Description:	To correct typo on
	Amarinti	Form number.
	Amount:	\$287.00
	Component Description:	Repack related
	Amount:	legal fees. \$270.00
	Component Description:	Repack related
		legal services.
	Amount:	\$432.00
	Component Description:	Repack Related
		Legal fees.
	Amount:	\$756.00
	Component Description:	Repack related
	Amount:	legal fees. \$54.00
	Component Description:	Review post auction transition
		status report (form 387)
	Amount:	\$150.00
	Information not provided.	
FCC Form 854)  NEPA Section 106  environmental review, if	Information not provided.	
ASR modification (prepare FCC Form 854)  NEPA Section 106 environmental review, if needed  Attorney Fees -Prepare and File FCC Form 2100 (main)	Information not provided.	
NEPA Section 106 environmental review, if needed  Attorney Fees -Prepare and File FCC Form 2100 (main),	Information not provided.  Component Description:	Legal fees for
NEPA Section 106 environmental review, if needed		work on
NEPA Section 106 environmental review, if needed  Attorney Fees -Prepare and File FCC Form 2100 (main),		=

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit	Component Description:	Form 2100 legal fees.
Application	Amount:	\$1,944.00
	Component Description:	Form 2100 legal fees.
	Amount:	\$432.00
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description:	Final antenna analysis and file
дрисаноп	Amount:	CP \$2,980.00
Perform engineering study for new channel assignment and antenna development	Component Description:	Review of FCC notification and filing process
	Amount:	related to new channel \$370.00
	Component Description:	Work related to new antenna study
	Amount:	\$786.25
	Component Description:	Work on antenna and structural compatibility
	Amount:	\$786.25
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	
Project management of the transition		

Component Description: Project

Management in January 2018.

**Amount:** \$225.00

Component Description: Project

management fees

incurred in

December 2018

**Amount:** \$2,212.50

Component Description: Project

management fees for work in May and June 2019.

**Amount:** \$2,362.50

Component Description: Project

management in September 2018.

**Amount:** \$1,200.00

Component Description: Project

management fees for February-April

2019.

**Amount:** \$975.00

Component Description: Project

Management fees

for work performed in August 2018.

**Amount:** \$1,200.00

**Component Description:** Project

Management fees. Revised per admin

request.

**Amount:** \$750.00

Component Description: Project

Management Fees for November 2018

**Amount:** \$1,462.50

Component Description: Project

Management Fees

for May 2018.

**Amount:** \$1,162.50

Component Description: Project

management fees for work in July and August 2019.

**Amount:** \$2,550.00

Component Description: Project

Management

**Amount:** \$975.00

**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.
Added detail to
invoice per fund
admin request.

**Amount:** \$2,850.00

**Component Description:** Project

management fees

for work in January 2019.

**Amount:** \$5,512.50

**Component Description:** Project Management fees. \$675.00 Amount: **Component Description:** Project Management fees for October 2018 \$3,037.50 Amount: Prepare and or review reimbursement form **Component Description:** Legal fees. Amount: \$216.00 **Component Description:** Legal fees. \$1,080.00 Amount:

Component Description: Review and revise

399 form to correct licensee information, post sale. Attorney fee.

**Amount:** \$492.00

### **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 Co
Other Expenses	\$58,674.10	\$49,494.10		\$14,451.16	
Disposal Costs (for equipment and other waste, net of any salvage value)	\$10,000.00	\$10,000.00	N/A	\$1,350.00	N/A
Inside RF Modifications	\$10,500.00	\$10,500.00	Estimated cost of time and materials to make connection to Heliax 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.	\$5,979.11	N/A
Lease Negotiations	\$2,000.00	\$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	\$2,204.10	\$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	\$1,845.00	\$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	\$5,000.00	\$5,000.00	Production of announcements	N/A	N/A
Equipment Delivery and Handling Charges	\$15,000.00	\$15,000.00	Estimated delivery and handling costs have increased to cover cost of shipping tower steel, antenna, transmission line, etc.	\$2,332.05	N/A

Local Zoning	\$45.00	\$45.00	Warren County, KY	\$45.00	N/A
			building permit to construct replacement tower.		
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$0.00	N/A	N/A	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 increase the filing fee for the License to Cover afte the budge was submitted. We increase the estimate cost after this explanation
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
Sub-total	\$58,674.10	\$49,494.10	N/A	\$14,451.16	N/A
Total for all systems	\$1,683,831.67	\$1,318,182.30	N/A	\$1,031,858.84	N/A

#### Components

<b>Actual Information</b>		
Description	File Name	

Disposal Costs (for		
equipment and other waste,	Component Description:	This is a split
net of any salvage value)		invoice. This is the
		portion allocated to
		·
		remove power to the old transmitter
		to prep for its
		disposal.
	Amount:	\$1,350.00
Inside RF Modifications		
	Component Description:	Split invoice. This
		is the amount
		charged against
		RF system
		modifications.
	Amount:	\$99.11
		·
	Component Description:	This is a split
		invoice. This
		portion is for
		installation of
		ladder tray to
		support wiring and
		Heliax
	A	(transmission line).
	Amount:	\$1,580.00
	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.
	Amount:	\$4,300.00
Lease Negotiations	Information not provided.	
6 Percent KY Sales Tax	Information not provided.	

MVPD Notification of Channel Change	Component Description:	Fees for MVPD  Notification  Services
	Amount:	\$1,845.00
Develop and air announcement of upcoming channel change	Information not provided.	
Equipment Delivery and Handling Charges	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
Local Zoning	Component Description:	Station EIN used in lieu of having Warren County Government EIN. Used Permit number as invoice number. Corrected
	Amount:	Vendor name per reviewer request. \$45.00
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	

FCC Filing Fees - Form 2100 license to cover **Component Description:** The station's EIN application 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. \$335.00 **Amount: DTV Medical Facility** Notification **Component Description:** Fees for Medical **Facilities** notifications. Amount: \$2,565.00

## Cost Information

#### **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$1,683,831.67	\$1,318,182.30	\$1,031,858.84

Reimbursem	enrestiatus	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

Section Question Response

### Submission of Estimated Expenses Statements

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.

- 1. The Authorized
  Person signing
  below certifies that he
  /she is authorized to
  submit this TV
  Broadcaster
  Relocation Fund
  Reimbursement
  Form on behalf of
  the above-named
  entity.
- 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 abovenamed applicant for the Authorization(s) specified above. Edward J Murlatt Project Manager

12/09/2019

Section Question Response

# Submission of Actual Cost Documentation Statements

WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISIONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).

- 1. The Authorized
  Person signing
  below certifies and
  represents that he
  /she is authorized to
  submit this TV
  Broadcaster
  Relocation Fund
  Reimbursement
  Form on behalf of
  the above-named
  entity.
- The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.
- 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 abovenamed applicant for the Authorization(s) specified above. Edward J Murlatt Project Manager

12/09/2019

#### **Attachments**