

(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 **03/21**

Submitted: /2020

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 ^{Seffien}	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

New Transmission Line
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
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.
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
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

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	\$1,685,207.49	\$1,325,558.12	N/A	\$1,155,768.07	N/A

Components

Actual Information	
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: Deposit for Main

Transmitter.

Amount: \$72,180.00

Component Description: Final Payment for

RF System
Components

Amount: \$17,572.10

Component Description: Deposit for Main

Transmitter
Installation Kit

Amount: \$2,700.00

Component Description: Balance due

against quote 180513WNKY for kit of installation materials.

\$1,800.00

Component Description: Deposit for Main

Transmitter RF

System

Amount: \$26,358.16

Amount:

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	
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	Widelity estimate plus 6% Kentucky tax	\$6,450.00	N/A

UHF -	\$103,100.00	\$88,460.18	Please see	\$88,460.18	The sub-
Lower			item 005 in		total equals
Power			"ERI		the
Side			Proposal		estimated
Mount,			20181112-		cost. This
One			836 Rev		category is
Station			C",		complete.
antenna .			attached		
medium			plus 6%		
power (50-			KY sales		
200 kW),			tax. Also,		
elliptically			please see		
or			"WNKY		
circularly			190104		
polarized			Revised		
			Transition		
			Plan",		
			attached.		
Sub-total	\$132,980.00	\$104,284.92	N/A	\$103,791.92	N/A
Total for all systems	\$1,685,207.49	\$1,325,558.12	N/A	\$1,155,768.07	N/A

Components

Actual Information		
Description	File Name	

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: Invoice is split.

Please see cover letter uploaded as "Revised 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: 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

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: Invoice is split.

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

Amount: \$13,352.48

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

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	\$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

Flexible Air	\$29,500.00	\$27,632.27	Please see	\$27,632.25	N/A
Transmission			items 008		
Line -			through 019		
dielectric, 3"			in "ERI		
			Proposal		
			20181112-		
			836 Rev C",		
			attached plus		
			6% KY sales		
			tax.		
			Additional		
			details in		
			"WNKY		
			190104		
			Revised		
			Transition		
			Plan", also		
			attached.		
Sub-total	\$32,552.05	\$30,684.32	N/A	\$30,684.30	N/A
Total for all systems	\$1,685,207.49	\$1,325,558.12	N/A	\$1,155,768.07	N/A

Components

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

Flexible Air Transmission Line - dielectric, 3"

Component Description: This is a split

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

060B"

Amount: \$7,820.45

Component Description: Invoice is split.

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

Amount: \$4,170.90

Component Description: This is the 30%

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

letter for clarification.

Amount: \$7,820.45

Component Description: Invoice is split

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

Amount: \$7,820.45

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	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		\$774,731.44	
Collateral Expenses	\$16,481.94	\$16,481.94	Please see statement regarding restoration of damaged WNKY 399 uploaded as "WNKY 399 Restoration February 2020.pdf"	\$15,674.94	N/A
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 \$1,371.60	\$45,230.00 \$1,371.60	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.
on Locked Portion	,,,	,,	tax on Structural studies. Line item was locked when replacement tower was added.		
Excess Foundation Installation Cost	\$42,422.50	\$42,422.50	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

New tower	\$248,498.98	\$248,498.98	Items 001.001	\$243,238.00	N/A
			-001.028,		
			001.028,		
			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		
Tall Tower	\$210,500.00	\$416,840.76	Installation	\$403,646.00	N/A
(greater			services -		
than 500')			Items 003		
			and 004 of		
			"ERI		
			Proposal		
			20181112-		
			836 Rev C",		
			attached.		
			Additional		
			clarification		
			in "WNKY		
			190104		
			Revised		
			Transition		
			DI		
			Plan", also attached.		

Structural	\$12,600.00	\$22,860.00	***System	\$22,860.00	The tower
engineering			Notice:		failed initial
tower load			Estimate		analysis.
study for			adjusted		Minimal
well			and locked		additional
documented			because		work was
tower			line has		required to
			been		determine
			superseded.		reinforcemer
			***See		possibilities
			attached		The tower
			quote from		must be
			ERI.		replaced, an
					the 399
					budget will
					be updated
					when the
					replacemen
					proposal is
					received.
Sub-total	\$578,765.02	\$795,365.78	N/A	\$774,731.44	N/A
Total for all systems	\$1,685,207.49	\$1,325,558.12	N/A	\$1,155,768.07	N/A

Components

Actual Information Description	File Name	
Collateral Expenses		
	Component Description:	Invoice is split please see explanation in cover letter uploaded as "Revised Inv 22037 from RF Specialties of PA Inc. 23436 with Cover Letter. pdf"
	Amount:	\$3,280.83

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 "Revised Cover Letter with ERI invoice WNKY-54553-1.pdf"

Amount: \$1,623.47

Component Description: Please see

explanation in attached cover letter uploaded as "Revised Cover letter with Full Wave Tower and Broadcasting Invoice. pdf"

Amount: \$1,459.32

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: Invoice is split. This is the amount for collateral costs Amount: \$179.26 **Component Description:** This is the 30% payment due 30 days ARO. This invoice is split across categories. Please see cover letter for clarification. \$3,044.02 Amount:

Installation of Lighting Controller

Component Description: This is a split

invoice. This is the portion allocated to installation of tower light controller.

Amount: \$1,660.00

	Component Description:	Site prep for new
	Component Description.	tower installation.
		SOW was
		expanded after
		quote. See cover
		letter and invoice
		for details.
	Amount:	\$22,800.00
	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
Sales tax on Locked Portion	Information not provided.	

Excess Foundation		
Installation Cost	Component Description:	Balance due on
		additional
		foundation costs
		incurred due to
		rough terrain.
	Amount:	\$4,242.25
	Component Description:	Deposit with order
		for additional
		foundation
		installation
		expenses.
	Amount:	\$21,211.25
	Component Description:	Payment due prior
		to mobilization.
	Amount:	\$16,969.00
New tower		
	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:	Invoice is split.
		Please see cover
		letter uploaded as
		"Revised Cover
		Letter with ERI
		invoice WNKY-
		54553-1.pdf"
	A	

Amount:

\$31,960.30

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: 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

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.

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

Amount: \$39,324.60

Component Description: Please see cover

letter uploaded as "Revised Cover Letter for ERI invoice 55183 for weather days.pdf"

Amount: \$10,400.00

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: 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: 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

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	\$95,457.42		\$62,074.80	
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.	\$2,299.00	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

Total for all systems	\$1,685,207.49	\$1,325,558.12	N/A	\$1,155,768.07	N/A
Sub-total	\$89,522.42	\$95,457.42	N/A	\$62,074.80	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$1,788.00	See detailed descriptior on Garvey Schubert Barer invoices.
Project management of the transition	\$37,920.00	\$48,000.00	Additional issue with this project have forced us to increase the estimated cost of project management.	\$38,962.50	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$0.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$1,942.50	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
	Amount:	reviewer's request. \$8,000.00
	Amount:	φο,000.00
Site Survey		
	Component Description:	Cover letter
		explaining site
		survey
	Amount:	\$2,526.80

Additional Legal Services Repack related **Component Description:** legal services. \$432.00 **Amount: Component Description:** To correct typo on Form number. Amount: \$287.00 **Component Description:** Legal fees for repack related work. Amount: \$150.00 **Component Description:** Legal fees in November 2019 for repack related work. Amount: \$200.00 **Component Description:** Repack related legal fees. Amount: \$270.00 **Component Description:** Review post auction transition status report (form 387) Amount: \$150.00 Repack Related **Component Description:** Legal fees. \$756.00 Amount: Repack related **Component Description:** legal fees.

ASR modification (prepare FCC Form 854)

Information not provided.

\$54.00

Amount:

NEPA Section 106 environmental review, if needed	Information not provided.	
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Component Description: Amount:	Legal fees for work on application for license to cover. \$1,200.00
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Component Description: Amount:	Form 2100 legal fees. \$1,944.00
	Component Description: Amount:	Form 2100 legal fees. \$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: Amount:	Final antenna analysis and file CP \$2,980.00

Perform engineering study for new channel Review of FCC **Component Description:** assignment and antenna notification and development filing process related to new channel \$370.00 **Amount: 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 Information not provided. and coordination issues w/ other stations and wireless Project management of the transition **Component Description: Project** management fees for February-April 2019. \$975.00 **Amount: 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. \$2,362.50 **Amount:**

Component Description: Project

management fees for January and February 2020.

Amount: \$3,075.00

Component Description: Project

management fees for Sept 2019 through Dec 2019. Please see cover letter with invoice uploaded as "Cover Letter with Project Management

Invoice

WNKY200102R"

Amount: \$7,462.50

Component Description: Project

Management

Amount: \$975.00

Component Description: Project

Management fees for work performed in August 2018.

Amount: \$1,200.00

Component Description: Project

Management fees for October 2018

Amount: \$3,037.50

Component Description: Project

management in September 2018.

Amount: \$1,200.00

Component Description: Project

Management Fees

for May 2018.

Amount: \$1,162.50

Component Description: Project

Management fees.

Amount: \$675.00

Component Description: Project

Management Fees

for November 2018

Amount: \$1,462.50

Component Description: Project

management fees. Added detail to invoice per fund admin request.

Amount: \$2,850.00

Component Description: Project

Management fees. Revised per admin

request.

Amount: \$750.00

Component Description: Project

Management in January 2018.

Amount: \$225.00

Component Description: Project

management fees for work in July and August 2019.

Amount: \$2,550.00

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 work in January

2019.

Amount: \$5,512.50

Prepare and or review reimbursement form

Component Description:

Amount:

Legal fees. \$1,080.00

Component Description: Review and revise

399 form to correct

licensee

information, post sale. Attorney fee.

Amount: \$492.00

Component Description:

Amount:

Legal fees.

\$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 Co Justificati
Other Expenses	\$58,674.10	\$49,494.10		\$20,560.35	
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
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
Local Zoning	\$45.00	\$45.00	Warren County, KY building permit to construct replacement tower.	\$45.00	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

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 FC increase the filin fee for t License Cover at the budg was submitted We increase the estimate cost aft we enter this explanate
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.	\$8,273.87	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.	\$6,146.48	N/A
Sub-total	\$58,674.10	\$49,494.10	N/A	\$20,560.35	N/A

Total for all	\$1,685,207.49	\$1,325,558.12	N/A	\$1,155,768.07	N/A
systems					

Components

Actual Information Description	File Name	
Lease Negotiations	Information not provided.	
6 Percent KY Sales Tax	Information not provided.	
MVPD Notification of Channel Change	Component Description: Amount:	Fees for MVPD Notification Services \$1,845.00
Develop and air announcement of upcoming channel change	Information not provided.	
Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description: Amount:	This is a split invoice. This is the portion allocated to remove power to the old transmitter to prep for its disposal. \$1,350.00
Local Zoning	Component Description: Amount:	Station EIN used in lieu of having Warren County Government EIN. Used Permit number as invoice number. Corrected Vendor name per reviewer request. \$45.00

FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
DTV Medical Facility Notification	Component Description:	Fees for Medical Facilities notifications.
	Amount:	\$2,565.00
FCC Filing Fees - Form 2100 license to cover		
application	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.
	Amount:	\$335.00

Equipment Delivery and Handling Charges

Component Description: Invoice is split.

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

"freight" which is equipment deliver and handling.

Amount: \$5,104.86

Component Description: Equipment

delivery and

handling identified

as freight in attached explanation "Revised Inv 22037 from RF Specialties of PA Inc.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

Inside RF Modifications

Component Description: Split invoice. This

> is the amount charged against RF system modifications.

\$99.11 **Amount:**

Component Description: Invoice is split.

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

Amount: \$167.37

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

Component Description: This is a split

> invoice. This portion is for installation of ladder tray to support wiring and

Heliax

(transmission line).

Amount: \$1,580.00

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$1,685,207.49	\$1,325,558.12	\$1,155,768.07

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

03/21/2020

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

03/21/2020

Attachments