

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID:	61217	Service: DTV	Call Sign:	WNKY	Channel: 24 (UHF)
File Number:	00000	25350			
FRN: 00 2	26650200	Date Submitted:	03/01 /2020		

Applicant Name, Type, and Contact Information

Applicant Information

Appli	cant	Address	Phone	Email	Applican Type
BRO	QUEE ADCASTING TUCKY, 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 Name and Information Preparer Contact Applicant Address Phone Email Information **Edward J Murlatt** Ed Murlatt +1 (716) 639ed@ema4rf. Project Manager 41 Foxpoint West 0860 com Ed Murlatt & Associates, Williamsville, NY Inc. 14221 United States

Broadcaster	Question	Response	
Information and Transition Plan	Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	No	
	Briefly describe transition plan	Replace transmitter, antenna, feedline, study shows tower cannot be strengthened to comply with Rev G. Tower Must Be Replaced. A minor facility upgrade is planned. Please see Detailed information in "WNKY 190104 Revised Transition Plan", attached	

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

Primary	Existing Transmitter Information				
Transmitter	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			
	Manufacturer and Type	Model	HX HU5000AD		
		Year	2007		
		Туре	Solid State		
		Solid State Cooling	Air Cooled		
		Solid State Power Capacity	5 kW		

Existing Transmitter Information

Primary	New Transmitter Costs					
Transmitter	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	Other Transmitter Costs				
Transmitter	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 modification 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 Other Transmitter Cost Not Listed

Transmitter Information not provided.

Antennas Section		Question	Response
Antenna Rela	ated Expenses	Do you have antenna related expenses?	Yes

Primary	Existing Antenna Information				
Antenna	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

Primary	New Antenna Costs			
Antenna	Section	Question	Response	
	New Antenna Description	Use	Primary (Main)	
		Description of Use	N/A	
		Change Type	Purchase New	
		Is this a request for upgraded equipment?	Yes	
		Ownership	Owned	
		Owner	N/A	
		Is antenna shared?	No	
		Is antenna directional?	Yes	
		Will antenna be located on or in close proximity to an antenna farm?	No	
	New Antenna Manufacturer and Types	Class	Full Power	
		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 wil
	not support
	operation on the new
	channel.
	Please see
	updated
	information
	in "WNKY
	190104
	Revised
	Transition
	Plan",
	attached.

Primary Other Antenna Costs

Antenna	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
Elbow Complex		Frequency	N/A
		Do you need a combiner output splitter /switcher for dual feed lines?	N/A
	Elbow Complex	Do you require the separate purchase of the Elbow Complex?	No
		Broadband or Single Channel?	N/A
		Feed Line Size	N/A
	Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	Yes

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

Primary
AntennaOther Antenna Cost Not ListedInformation not provided.

Transmissior	n Seffien	Question	Response
	Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Primary	Existing Transmission Line			
Transmissi	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	Manufacturer		
	Line Manufacturer and Type	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	

Existing Transmission Line

Primary	New Transmission Line		
Transmissio	on Line Section	Question	Response
New Transmission Line Costs		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.

Other Transmission Line Expenses Not Listed Transmission Description

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

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

Existing Tower

Primary	Existing Tower			
Tower	Section	Question	Response	
	Existing Tower	Type of change	Modify Existing	
	Description	Tower Use	Primary (Main)	
		Description of Use	N/A	
		Ownership	Owned	
		Is this tower consider Complex?	No	
		Is this tower currently shared with any other stations?	No	
		One or more FM, AM or TV radio broadcaster(s)	N/A	
		Others Types of Users	N/A	
		Is tower documented for structural analysis?	No	
		Is tower compliant with Rev G?	Unknown	
	Existing Tower Structure Registration	Do you have a tower registration number?	Yes	
		ASR Number	1042998	
	Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	37° 02' 05.5" N-	
		Longitude (NAD83)	086° 10' 40.9" W-	
		Overall Structure Height	501.96 feet	
		Support Structure Height	499.99 feet	
		Ground Elevation Above Mean Sea Level (AMSL)	836.93 feet	

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

Primary Tower Section Qu

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 Section

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

Primary	Other Tower Expenses Not Listed		
Tower	Name	Description	
	Tower Rigging	Tower rigging for installation of new antenna and feedline	

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

Primary	Tower Construction Costs			
Tower	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 Rigging Costs

Primary	
Tower	

SectionQuestionResponseTower Rigging CostsComplex TowerN/AHelicopter Services
RequiredAre helicopter services required?No

Primary Tower	Other Tower Expenses Not Listed		
	Name	Description	
	Site Prep for New Tower	Costs to move electrical service entry and clear areas for guys and tag path for new tower construction. Please see proposals and cover letter uploaded as "Tower Site Prep for New Tower.pdf" Work is outside the SOW in the ERI proposal.	
	Collateral Expenses	Cost of new waveguide and antenna mount for STL required to move dish. Please see details in "WNKY 190104 Revised Transition Plan", attached.	
	Sales tax on Locked Portion	6% Kentucky Sales tax due on portion of tower expenses that are locked.	
	Installation of Lighting Controller	New lighting controller needed to be mounted and have AC supplied. Please see "Cover Letter with Stewart Richey Quote" uploaded 11-6-19	
	Excess Foundation Installation Cost	Additional cost for installation of new tower foundations. See details in cover letter uploaded as "Cover letter with ERI Proposal 20190912-721 for additional expenses related to tower foundation installation"	

Outside Professional	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 Other Professional Services Expenses Not Listed

Professional	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 Not Listed

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.	

Transmitters

Cost Information

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"		

Total for all systems	\$1,685,207.49	\$1,319,558.12	N/A	\$1,156,186.07	N/A
Sub-total	\$792,713.90	\$250,271.58	N/A	\$163,925.26	N/A
			pdf"		
			Explanation.		
			Quote		
			Updated		
			Transmitter		
			Main -		
			"WNKY		
			uploaded as		
			explanation		
			See		
			sources.		
			from various		
			obtained		
			materials are		
			and installation		
			components		
			System		
			Anywave transmitter.		
			cost		
			replaced with a lower		
			being		
			transmitter is		
			***Original		
			superseded.		
			has been		
			because line		
4.9 . 6.5 kW			locked		
Transmitter			adjusted and		
State Transmitter			Estimate		
Cooled Solid			Notice:		
			NI-C		

Components

Actual Information	
Description	File Name

Other Electrical Service: Estimated electrical and building modifications required to install new transmitter	Component Description:	Invoice against proposal uploadec as WNKY Electrical Work.pd
	Amount:	\$23,315.00
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	Information not provided.	

UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW

Component Description: Deposit for Main Transmitter. \$72,180.00 Amount: **Component Description:** Deposit for Main Transmitter Installation Kit \$2,700.00 Amount: **Component Description:** Deposit for Main Transmitter RF System Amount: \$26,358.16 **Component Description:** Balance due against quote 180513WNKY for kit of installation materials. Amount: \$1,800.00 **Component Description:** Final Payment for **RF** System Components Amount: \$17,572.10 **Component Description:** Transmitter installation services as quoted in quote number 180512WNKY. Amount: \$20,000.00

Antennas

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Antenna ATW12H3- ESPX-24H	\$132,980.00	\$104,284.92		\$103,791.92	
UHF - Lower Power Side Mount, One Station antenna . medium power (50- 200 kW), elliptically or circularly polarized	\$103,100.00	\$88,460.18	Please see item 005 in "ERI Proposal 20181112- 836 Rev C", attached plus 6% KY sales tax. Also, please see "WNKY 190104 Revised Transition Plan", attached.	\$88,460.18	The sub- total equals the estimated cost. This category is complete.
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$8,881.74	Please see item 007 of "ERI proposal 20181112- 836C", attached plus 6% KY sales tax. Also, please see "WNKY 190104 Revised Transition Plan", also attached.	\$8,881.74	N/A

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

Components

Actual Information	
Description	File Name

UHF - Lower Power Side Mount, One Station antenna . medium power (50-200	Component Description:	This is a split
kW), elliptically or circularly polarized		invoice. This is 30% due prior to shipping. Please
		see cover letter uploaded with
		invoice as "Cove Letter with ERI
	Amount:	invoice WNKY- 060B" \$25,035.90
	Amount.	\$20,000.90
	Component Description:	Invoice is split across categorie:
		Please see cove
		letter for detailed
		information. This is a 30% deposit
		on the main
		antenna.
	Amount:	\$25,035.90
	Component Description:	This is the 30%
		payment due 30
		days ARO. This invoice is split
		across categories
		Please see cove
		letter for clarification.
	Amount:	\$25,035.90
	Component Description:	Invoice is split.
		Please see cove
		letter uploaded a
		"Cover Letter wit ERI invoice
		WNKY-54553-1.
		pdf"
	Amount:	\$13,352.48

Side mount brackets for high		
power antennas (if not included in antenna base	Component Description:	30% payment du
		prior to shipment
cost)		Please see cove
		letter with ERI
		invoice uploaded
		as "Cover Letter
		with ERI invoice
		WNKY-060B"
	Amount:	\$2,513.70
	Component Description:	Invoice is split.
		Please see cove
		letter uploaded a
		"Cover Letter wi
		ERI invoice
		WNKY-54553-1
		pdf"
	Amount:	\$1,340.64
		This is the 200/
	Component Description:	This is the 30%
		payment due 30
		days ARO. This
		invoice is split
		across categorie
		Please see cove
		letter for
		clarification.
	Amount:	\$2,513.70
	Component Description:	Invoice is split
	Component Description.	across categorie
		Please see cove
		letter for detailed
		information. This
		is a 30% deposition
		on the custom
	Amount:	mounts. \$2,513.70

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

Transmission Line

Cost Information

Description Primary Transmission Line	Predetermined Cost Estimate \$32,552.05	Estimated Cost \$30,684.32	Estimated Cost Justification	Actual Cost \$30,684.30	Actual Cost Justification
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 replacememt" NOTE - Typo in name occurred in upload. Typoed original amount did not include sales tax	\$3,052.05	N/A

Flexible Air Transmission Line - dielectric, 3"	\$29,500.00	\$27,632.27	Please see items 008 through 019 in "ERI Proposal 20181112- 836 Rev C", attached plus 6% KY sales tax. Additional details in "WNKY 190104 Revised Transition Plan", also attached.	\$27,632.25	N/A
Sub-total	\$32,552.05	\$30,684.32	N/A	\$30,684.30	N/A
Total for all systems	\$1,685,207.49	\$1,319,558.12	N/A	\$1,156,186.07	N/A

Actual Information	File Name	
Description	Flie Name	
Additional Rigid Line		
	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:	Invoice is split across categories. Please see cover letter for detailed information. This is a 30% deposit on the main transmission line. \$7,820.45
	Amount.	φ1,020.40
	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:	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. Please see cover letter uploaded as "Cover Letter with ERI invoice WNKY-54553-1. pdf"
	Amount:	\$4,170.90

Tower Equipment and Rigging Costs

Cost Information

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower GTOWER	\$0.00	\$0.00		\$0.00	
Primary Tower GTOWER	\$0.00	\$0.00		\$0.00	
Primary Tower	\$578,765.02	\$795,365.78		\$775,224.44	
Structural engineering tower load study for well documented tower	\$12,600.00	\$22,860.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***See attached quote from ERI.	\$22,860.00	The tower failed initial analysis. Minimal additional work was required to determine reinforcement possibilities. The tower must be replaced, and the 399 budget will be updated when the replacement proposal is received.

Tall Tower (greater than 500')	\$210,500.00	\$416,840.76	Installation services - Items 003 and 004 of "ERI Proposal 20181112- 836 Rev C", attached. Additional clarification in "WNKY 190104 Revised Transition Plan", also attached.	\$403,646.00	N/A
New tower	\$248,498.98	\$248,498.98	Items 001.001 -001.028, 001.038- 001.093, 001.095, and 002 in "ERI Proposal #20181112- 836 Rev C", additional justification in "WNKY 190104 Revised Transition Plan", new Cover letter with ERI proposal 20191007- 965 for additional materials requ	\$243,238.00	N/A

Excess Foundation Installation Cost	\$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	\$42,422.50	N/A
			additional expenses related to tower foundation installation"		
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
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.

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
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"	\$16,167.94	N/A
Sub-total	\$578,765.02	\$795,365.78	N/A	\$775,224.44	N/A
Total for all systems	\$1,685,207.49	\$1,319,558.12	N/A	\$1,156,186.07	N/A

Actual	
Information	
Description	File Name

Structural engineering tower load study for well documented tower	Component Description: Amount:	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" \$600.00
	Component Description: Amount:	Final payment for tower study. \$10,930.00
	Component Description: Amount:	50% deposit for tower mapping and structural study. \$10,930.00
	Component Description:	Tower reinforcement analysis that indicated early on that the tower must be replaced. Please read the cover letter and see revised transition plan for details.
	Amount:	\$400.00

Tall Tower (greater than 500')	Component Description:	This is a split invoice. This is 30% due prior to shipping. Please see cover letter uploaded with invoice as "Cover Letter with ERI
	Amount:	invoice WNKY-060B" \$117,973.80
	Component Description:	Invoice is split. Please see cover letter uploaded as "Cover Letter with ERI invoice WNKY-54553-1.pdf"
	Amount:	\$39,324.60
	Component Description: Amount:	This is the 30% payment due 30 days ARO. This invoice is split across categories. Please see cover letter for clarification. \$117,973.80
	Component Description: Amount:	Invoice is split across categories. Please see cover letter for detailed information. This is a 30% deposit on the installation tall tower. \$117,973.80
	Component Description: Amount:	Please see cover letter uploaded as "Cover Letter with ERI invoice WNKY-55183 for weather days.pdf" \$10,400.00
	Amount:	weather days.pdf"

New tower

new lower		
	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:	Invoice is split. Please see cover letter uploaded as "Cover Letter with ERI invoice WNKY-54553-1.pdf"
	Amount:	\$31,960.30
	Component Description: Amount:	Split Invoice. This is the portion attributable to the new tower. \$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
Excess Foundation Installation Cost	Component Description: Amount:	Balance due on additional foundation costs incurred due to rough terrain. \$4,242.25
	Component Description: Amount:	Deposit with order for additional foundation installation expenses. \$21,211.25
	Component Description: Amount:	Payment due prior to mobilization. \$16,969.00

Sales tax on Locked Portion	Information not provided.	
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.
	Amount:	\$22,800.00
	Component Description:	This invoice is as quoted. The category to ran over due to change order to SOW for Daniel Bledsoe.
	Amount:	\$21,330.00
	Component Description: Amount:	Please see cover letter with invoice and Po \$1,100.00
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

Collateral Expenses	Component Description:	Invoice is split. This is the amount for
	Amount:	collateral costs \$179.26
	Component Description:	This is a split invoice. This is 30% due prior to shipping. Please see cover letter uploaded with invoice as "Cover Letter with ERI invoice WNKY-060B"
	Amount:	\$3,044.02
	Component Description:	Invoice is split please see explanation in cover letter uploaded as "Inv_22037_from_RF_Specialties_of_PA_Inc. _23436 with Cover Letter. pdf"
	Amount:	- \$3,773.83
	Component Description:	Invoice is split. Please see cover letter uploaded as "Cover Letter with ERI invoice WNKY-54553-1.pdf"
	Amount:	\$1,623.47
	Component Description:	Invoice is split across categories. Please see cover letter for detailed information. This is a 30% deposit on the collateral expenses related to tower replacement.
	Amount:	\$3,044.02
	Component Description:	This is the 30% payment due 30 days ARO. This invoice is split across categories. Please see cover letter for clarification.
	Amount:	\$3,044.02
	Component Description:	Please see explanation in attached cover letter uploaded as "Cover letter with Full Wave Tower and Broadcasting Invoice. pdf"
	Amount:	\$1,459.32

Outside Professional Services

Cost Information

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Co Justificat
Outside Professional Services	\$89,522.42	\$89,457.42		\$61,999.80	
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.	\$2,149.00	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	Correction of tower ownership and final exact location of new tower.	N/A	N/A

NEPA Section 106 environmental review, if needed	\$6,310.00	\$6,000.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$2,980.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$1,942.50	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$0.00	N/A	N/A	N/A

Project management of the transition	\$37,920.00	\$42,000.00	Number of hours required for project management were underestimated. Customer was unable to navigate the 399, so invoice upload and 399 maintenance was added to project management. Tower replacement and 399 rework continues to increase hours required.	\$39,037.50	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	\$1,200.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$2,376.00	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$1,788.00	See detail descrip on Gar Schub Bare invoic
Sub-total	\$89,522.42	\$89,457.42	N/A	\$61,999.80	N/A
Total for all systems	\$1,685,207.49	\$1,319,558.12	N/A	\$1,156,186.07	N/A

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

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

	1	
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 CP
	Amount:	\$2,980.00
Perform engineering study for new channel assignment and antenna development	Component Description:	Review of FCC
		notification and filing process related to new
	Amount:	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
		for February-April

Component Description: Amount:	Project management fees incurred in December 2018 \$2,212.50
Component Description: Amount:	Project management fees for work in May and June 2019. \$2,362.50
Component Description: Amount:	Project management fees for January and February 2020. \$3,075.00
Component Description: Amount:	Project Management Fees for November 2018 \$1,462.50
Component Description: Amount:	Project Management fees. \$675.00
Component Description: Amount:	Project management fees. Added detail to invoice per fund admin request. \$2,850.00

Component Description:	Project Management Fees for June and July, 2018. NOTE - the invoice is 2 pages long. \$1,275.00
Component Description: Amount:	Project management fees for Sept 2019 through Dec 2019. \$7,537.50
Component Description: Amount:	Project Management fees. Revised per admin request. \$750.00
Component Description: Amount:	Project Management Fees for May 2018. \$1,162.50
Component Description: Amount:	Project management in September 2018. \$1,200.00
Component Description: Amount:	Project Management fees for October 2018 \$3,037.50

	Component Description: Amount:	Project Management fees for work performed in August 2018. \$1,200.00
	Component Description:	Project
	Amount:	Management \$975.00
	Component Description:	Project management fees for work in January 2019.
	Amount:	\$5,512.50
	Component Description: Amount:	Project management fees for work in July and August 2019. \$2,550.00
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 and or review reimbursement form	Component Description: Amount:	Legal fees. \$1,080.00
	Component Description: Amount:	Review and revise 399 form to correct licensee information, post sale. Attorney fee. \$492.00
	Component Description: Amount:	Legal fees. \$216.00

Other Expenses

Cost Information

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	
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
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$0.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$2,565.00	Estimate from DTVNotification is uploaded as "EST-001399 DTVNotification estimate for Medical Facility Notification.pdf"	\$2,565.00	N/A

Lease Negotiations	\$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
Local Zoning	\$45.00	\$45.00	Warren County, KY building permit to construct replacement tower.	\$45.00	N/A

FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$335.00	The FCC increased the filing fee after the budget was created. We did not see the minor discrepancy until we tried to upload the receipt.	\$335.00	The FCC increase the filing fee for the License Cover aft the budg was submitte We increase the estimate cost afte we entere this
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
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

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

Actual Information Description	File Name	
Develop and air announcement of upcoming channel change	Information not provided.	
Disposal Costs (for equipment and other waste, net of any salvage value)	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
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
DTV Medical Facility Notification	Component Description: Amount:	Fees for Medical Facilities notifications. \$2,565.00
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

Local Zoning		Station FINI upod in liqu of howing Warran
	Component Description:	Station EIN used in lieu of having Warren County Government EIN. Used Permit
	A	number as invoice number. Corrected Vendor name per reviewer request.
	Amount:	\$45.00
FCC Filing Fees - Form		
2100 license to cover	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.
application	Amount:	Corrected dates on 12/9/2019. \$335.00
		\$555.00
Inside RF Modifications	Component Description:	This is a split invoice. This portion is for
	component Description.	installation of ladder tray to support wiring and Heliax (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
	Amount:	new channel. \$4,300.00
	Component Description:	Invoice is split. Please see cover letter uploaded as "Cover Letter with ERI invoice
	A	WNKY-54553-1.pdf"
	Amount:	\$167.37
	Component Description:	Split invoice. This is the amount charged
	Amount:	against RF system modifications. \$99.11

Equipment Delivery and Handling Charges	Component Description: Amount:	Split invoice - This is the amount for shippir including 6% KY tax. \$673.67
	Component Description:	Equipment delivery and handling identified as freight in attached explanation "Inv_22037_from_RF_Specialties_of_PA_I _23436 with Cover Letter.pdf"
	Amount:	\$836.96
	Component Description:	Forklift & pallet truck required to off-load ne transmitter & remove unused equipment to be able to place new transmitter. See cover letter.
	Amount:	\$1,658.38
	Component Description:	Invoice is split. Please see cover letter uploaded as "Cover Letter with ERI invoice WNKY-54553-1.pdf" which says "freight" which is equipment deliver and handling.
	Amount:	\$5,104.86

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

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

Certification	Section	Question	Response
	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.	
		 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. 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).
- The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
- 7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.	
I declare, under penalty of perjury, that I am an authorized representative of the above- named applicant for the Authorization(s) specified above.	EDWARD J MURLATT Project Manager 03/01/2020

Certification	Section	Question	Response
	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).	
		 The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 	
		2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.	
		3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.	

- 4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
- 5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster **Relocation Fund are** necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- 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.	
a n	I declare, under penalty of perjury, that I am an authorized representative of the above- named applicant for the Authorization(s) specified above.		EDWARD J MURLATT Project Manager 03/01/2020

Attachments

.....