

Federal Communications Commission

### (REFERENCE COPY - Not for submission)

### FCC Form 399: Reimbursement Request

Facility ID: File Number:	28476 00000	Service: DTV 28687	Call Sign:	WDRB	Channel: <b>32 (UHF)</b>
FRN: <b>00</b>	03189248	Date Submitted:	07/26 /2021		

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

### Applicant Information

Applicant	Address	Phone	Email	Applicant Type
INDEPENDENCE TELEVISION COMPANY	Keith Wilkowski 624 W. MUHAMMAD ALI BLVD LOUISVILLE, KY 40203 United States	+1 (419) 277- 6006	kwilkowski@blockcommunications. com	Corporation

#### Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email	
[Confidential]				

### Preparer Preparer Contact Name and Information

Contact Information	Applicant	Address	Phone	Email
	Gary Schroder Chief Engineer WDRB-Independence Television	Steve Ballard 624 W. Muhammad Ali Louisville, KY 40203 United States	+1 (502) 584- 6441	sballard@wdrb. 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.	Yes
	Briefly describe transition plan	The FCC allocated us two frequencies that aren't adjacent to each other (16 & 32). This combination will require 4 antennas and 4 feedlines. The existing tower will not support that much weight. We request to construct a new tower with a "T" top design.

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

Auxiliary	Existing Transmitter Information					
Transmitter	Section	Question	Response			
	Existing Transmitter Description	Type of change	Purchase New			
		Use	Auxiliary (Backup)			
		Description of Use	Aux /Standby transmitter			
		Ownership	Owned			
		Owner	N/A			
		Site	N/A			
		Is this transmitter currently shared with another station?	No			
		Is this transmitter currently in operating condition?	No			
	Existing Transmitter	Manufacturer				
	Manufacturer and Type	Model	CZ1000			
		Year	2002			
		Туре	Solid State			
		Solid State Cooling	Air Cooled			
		Solid State Power Capacity	1 kW			

### **Existing Transmitter Information**

Auxiliary	New Transmitter Costs					
Transmitter	Section	Question	Response			
	New Transmitter	Use	Auxiliary (Backup)			
		Change Type	Purchase New			
		Is this a request for upgraded equipment?	No			
		Manufacturer				
		Model	N/A			
		Transmitter Type	Solid State			
		Solid State Cooling	Air Cooled			
		Solid State Power capacity	0.01 kW			
		Justification for New Transmitter	N/A. Station is not seeking reimbursement for AUX Transmitter or equipment.			

## Auxiliary Other Transmitter Costs

Transmitter	Section	Question	Response
	Electrical Service	Service Entrance (3 phases 800A 208V)	No
		Switchgear (industrial 800 amp)	No
		Transformer (480V)	Yes
		Power	150 kVA
		Rigid Conduit and Wiring	Yes
		Size	2 inches
		Length	100.0 feet
		Other Electrical Service	No
		Description	N/A

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

# AuxiliaryOther Transmitter Cost Not ListedTransmitterInformation not provided.

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	DCX Millineum		
		Year	2005		
		Туре	Inductive Output Tube		
		IOT Power Type	Two		
		Power Capacity	50 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	ULXTE-120			
		Transmitter Type	Solid State			
		Solid State Cooling	Liquid Cooled			
		Solid State Power capacity	75.1 kW			
		Justification for New Transmitter	Comark, Our present transmitter manufacturer will not support the retuning of our existing IOT transmitters. Our intention is to replace them. We will pay extra for a model with power ratings for ATSC 3.0.			

Primary	Other Transmitter Costs		
Transmitter	Section	Question	
	Electrical Service	Service Entrance (3	

ction	Question	Response
ectrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	Yes

	Power	300 kVA
	Rigid Conduit and Wiring	Yes
	Size	3 inches
	Length	100.0 feet
	Other Electrical Service	Yes
	Description	Two transmitters, main and Aux will need to be wired simultaneously.
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	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
Improvement	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		
	Name	Description	
	RF Accessories	RF dummy load, 4 port switch, switch controller	
	Installation and proof	Installation of transmitter and proof of performance	

Demolition	To prepare for the installation of the new transmitters, we will be required to remove 3 beam transformers, filled with mineral oil.
Mask Filter	ATSC Mask filter Kit

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

Auxiliary	Existing Antenna Information			
Antenna	Section	Question	Response	
	Existing Antenna Description	Type of change	Purchase New	
		Antenna Use	Auxiliary (Backup)	
		Description of Use	Aux /Standby antenna	
		Ownership	Owned	
		Owner	N/A	
		Site	N/A	
		Is the existing antenna shared with another station or stations?	Yes	
		Is the existing antenna directional?	No	
		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)	1000.0 kW
Manufacturer	
Model	TFU- 32DSB- R04TC
Year	2005

### Facility ID's and Call Signs of all stations with whom the antenna is shared.

Facility ID	Call Sign
34167	WBKI
28476	WDRB

Auxiliary	New Antenna Costs			
Antenna	Section	Question	Response	
	New Antenna Description	Use	Auxiliary (Backup)	
		Description of Use	Aux/Standby	
		Change Type	Purchase New	
		Is this a request for upgraded equipment?	No	
		Ownership	Owned	
		Owner	N/A	
		Is antenna shared?	No	
		Is antenna directional?	No	
		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	Horizontal	
		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)	724.0 kW	
		Manufacturer		

Model	ATW16H3-
	HSCX-32H
Year	2018
Justification for New Antenna	Side
	Mounted
	Horizontally
	only
	Polarized
	UHF Trasar
	Television
	Transmitting
	Antenna.
	Rated for
	50kw
	average
	input power

# Auxiliary 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
		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?	Yes
		Broadband or Single Channel?	Single Channel
		Feed Line Size	6 1/8 inches inches
	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?	Yes
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

# Auxiliary<br/>AntennaOther Antenna Cost Not ListedInformation not provided.

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?	Yes	
		Is the existing antenna directional?	No	
		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	Top 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)	1000.0 kW	

	Manufacturer	
	Model	TFU-32- GTH-R-06
	Year	2009

### Facility ID's and Call Signs of all stations with whom the antenna is shared.

Facility ID	Call Sign
34167	WBKI

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?	No	
		Will antenna be located on or in close proximity to an antenna farm?	No	
	New Antenna Manufacturer and Types	Class	Full Power	
		Mounting	Top 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)	1000.0 kW	
		Manufacturer		
			1	

Model	ATW25H3- ET0-32H
Year	2018
Justification for New Antenna	Require new antenna due to new frequency allocation. Costs listed reflect a \$15,500.00 up charge for ATSC 3.0 compliant ( Elliptical ) antenna.

### 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
		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?	Yes
		Broadband or Single Channel?	Single Channel
		Feed Line Size	7 3/16 inches inches

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

# Primary Other Antenna Cost Not Listed

Antenna Information not provided.

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

Fransmissio	Section	Question	Response
	Existing Transmission Line Description	Type of change	Purchase New
		Use	Auxiliary (Backup)
		Description of Use	Aux/standby
		Ownership	Owned
		Owner	N/A
		Site	N/A
		Is the existing transmission line shared with another station or stations?	Yes
		Is Transmission Line in operating condition?	Yes
	Existing Transmission	Manufacturer	
	Line Manufacturer and Type	Туре	Rigid
		Diameter	7 3/16 inches
		Other Diameter	N/A
		Segment Length	19 1/2 inches
		Other Segment Length	N/A
		Number of parallel runs	1
		Length	960 feet per run

## Auxiliary Existing Transmission Line

### Facility ID's and Call Signs of all stations with whom the transmission line is shared.

Facility ID	Call Sign
34167	WBKI

Auxiliary	New Transmission Line			
Transmissio	n Line Section	Question	Response	
	New Transmission Line Costs	Use	Auxiliary (Backup)	
		Description of Use	Aux /Standby	
		Change Type	Purchase New	
		Is this a request for upgraded equipment?	No	
		Туре	Rigid	
		Diameter	6 1/8 inches	
		Other Diameter	N/A	
		Segment Length	19 3/4 inches	
		Other Segment Length	N/A	
		Number of parallel runs	1	
		Length	1040 feet per run	
		Justification for New Transmission Line	Required due to new frequency allocation.	

#### Other Transmission Line Expenses Not Listed Auxiliary n Lina Transmissio

sior	n Name	Description	
	Dehydrator	New dehydrator required for six and one eighth inch line.	
	Auxiliary Transmission Line- Wall Feed	Auxiliary Transmission Line- Wall Feed	

Primary	Existing Transmission Line					
Transmissio	n 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?	Yes			
		Is Transmission Line in operating condition?	Yes			
	Existing Transmission Line Manufacturer and	Manufacturer				
	Type	Туре	Rigid			
		Diameter	8 3/16 inches			
		Other Diameter	N/A			
		Segment Length	19 1/2 inches			
		Other Segment Length	N/A			
		Number of parallel runs	1			
		Length	1043 feet per run			

### Facility ID's and Call Signs of all stations with whom the transmission line is shared.

**Existing Transmission Line** 

Facility ID	Call Sign
34167	WBKI

Primary	New Transmission Line					
Transmissio	n 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	Rigid			
		Diameter	7 3/16 inches			
		Other Diameter	N/A			
		Segment Length	19 3/4 inches			
		Other Segment Length	N/A			
		Number of parallel runs	1			
		Length	1123 feet per run			
		Justification for New Transmission Line	Required due to new frequency allocation.			

#### Other Transmission Line Expenses Not Listed Primary Transmission Description Primary Transmission Line- Wall Feed Primary Transmission Line- Wall Feed New Dehydrator required for seven and Dehydrator three sixteenths inch 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

Primary	Add 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?	Yes			
		One or more FM, AM or TV radio broadcaster(s)	Yes			
		Others Types of Users	No			
		Is tower documented for structural analysis?	Yes			
		Is tower compliant with Rev G?	No			
	Existing Tower	Do you have a tower registration number?	Yes			
	Structure Registration	ASR Number	1028421			
	Coordinates (NAD83 ( North American Datum	Latitude (NAD83)	38° 21' 00.0" N-			
	of 1983))	Longitude (NAD83)	085° 50' 57.0" W-			
		Overall Structure Height	999.99 feet			
		Support Structure Height	944.87 feet			
		Ground Elevation Above Mean Sea Level (AMSL)	960.95 feet			

	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	Independence Television
	Date Constructed	12/01/1972

### FM, AM or TV radio broadcasters. Facility ID's, Call Signs and Services of other broadcast stations with whom the tower is shared

Facility ID	Call Sign	Service
28476	WDRB	DTV
34167	WBKI	DTV

Primary Tower			_
Tower	Section	Question	Response
	Construct New Tower	Use	Primary (Main)
		Description of Use	N/A
		Is this a request for upgraded equipment?	Yes
		Height	999.99 feet
		Justification for New Tower	The FCC allocated us two frequencies that aren't adjacent to each other (16 & 32). This combination will require 4 antennas and 4 feedlines. The existing tower will not support that much weight. We request to construct a new tower with a "T" top design.

Primary	Tower Rigging Costs
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•		•••			•••	J
Т	C	)V	V	e	r	

### Tower Pigging Cost

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

### Other Tower Expenses Not Listed

#### Primary Tower

Name	Description
Purchase six and one eighth inch hangers	Utilized to hang six and one eighth inch feedline
State taxes	State taxes at 7% for the new tower
Shipping Freight	Freight charges for tower components
Installation services	Installation of two WDRB antennas and tw WDRB feedlines. Remove old equipment from existing tower and mount on new tower.
Purchase seven and three sixteenth inch hangers	Utilized to hang seven and three sixteenth inch feedline
Rental of heavy equipment	Rental of a Sky-jack to off load transmitters and other equipment.
Asphalt repair	Funds needed to repair the existing aspha surface of the tower area after construction
Demolition	Removal of old tower and all apparatuses not utilized.
Transmission line designs	Design drawings of transmission lines
New Primary Tower - Tower Lighting Electrical	New Primary Tower - Tower Lighting Electrical
Foundation	Concrete work for pier and anchors
Install tower and ice bridge	Charges for the installation of the tower an new ice bridge
Electric	Provide electricity to base of tower for lighting and ENG antennas.
Fence removal and installation	Costs for removing existing fence and installing new fence around new tower and guy anchors.

Outside Professional	Section	Question	Response
	Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
		Number of Hours	595
		Explanation	WDRB does not have sufficient resource capacity and expertise in house to handle all of the reimbursement filing.
	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	Yes
		Quantity	1
		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	Yes
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	NEPA Section 106 environmental review	Yes
	Environmental Assessment	Yes
	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	Yes
	RF exposure measurements	No
	Additional Field Engineering Service	Yes
	Number of Days	14
	Justification	Taking signal measurements of predetermined radials which will be used to compare after transition.

# Outside Other Professional Services Expenses Not Listed

Professional	Services Costs	Description	
	Structural Engineering Analysis of Tower	Mark Malouf performed a total of two (to date) structural tower analysis on the WBKI /WDRB existing tower.	
	Attorney Fees and Other Matters	Legal Fees Not Otherwise Allocated	
	Advanced site survey GA999TS	Site survey performed by transmitter manufacturer.	
	Existing-Tower Inspection	Coast-To-Coast Tower performed an inspection for us on the existing tower	
	RF Consultant D. Everist	Rf Consultant that files Engineering studies on our behalf.	

Other	Section	Question	Response
Expenses	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	Yes
		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?	No
		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	Other Expenses Not Listed				
Expenses	Name	Description			
	Project management fees internal	Cost of station personnel man hours working on repack planning			

### 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 Cos Justificatio
Primary Transmitter ULXTE-120	\$3,746,029.29	\$1,738,935.35		\$1,730,021.50	
Mask Filter	\$74,191.12	\$74,191.12	see Estimated Cost Justification WDRB-110- 1st Primary Transmitter - Mask Filter v0	\$74,191.09	N/A
Demolition	\$4,500.00	\$4,500.00	N/A	\$4,500.00	N/A
Installation and proof	\$82,198.75	\$82,198.75	GatesAir Quote Q-65984	\$82,198.74	N/A
RF Accessories	\$66,128.79	\$66,128.79	see Estimated Cost Justification WDRB-110- 1st Primary Transmitter - RF Accessories v0	\$66,128.77	N/A
Other Electrical Service: Two transmitters, main and Aux will need to be wired simultaneously.	\$134,693.94	\$134,693.94	per Estimated Cost Justification WDRB-110- 1st Primary Transmitter - Other Electrical Service v1	\$134,693.94	N/A
Transformer 3 phase/480v - 300 KVA	\$36,800.00	\$12,998.82	GatesAir Quote Q-65984	\$9,575.79	N/A

Auxiliary Transmitter N /A	\$28,150.00	\$0.00		\$0.00	
			Cost Justification WDRB-110- 1st Primary Transmitter - UHF Liquid Cooled SS v0		
			has been superseded. ***see Estimated		
State Transmitter 35 - 50 kW			Estimate adjusted and locked because line		
UHF - Liquid Cooled Solid	\$1,473,000.00	\$447,304.76	***System Notice:	\$447,304.76	N/A
			Quote Q- 78329		
			superseded. ***GatesAir		
			has been		
			because line		
- 61 kW			locked		
Transmitter 52			adjusted and		
UHF - Liquid Cooled Solid State	\$1,788,000.00	\$830,702.48	***System Notice: Estimate	\$830,702.48	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$5,200.00	\$4,900.00	N/A	\$0.00	N/A
			Cooled SS v0, less amount in superseded categories		
			UHF Liquid		
			Transmitter -		
75.1 kW			WDRB-110- 1st Primary		
Transmitter			Justification		
State			Cost		
Cooled Solid			Estimated		

2" Rigid Conduit and Wiring (Cost per foot)	\$2,600.00	\$0.00	N/A. Station is not seeking reimbursement for AUX Transmitter or equipment.	\$0.00	N/A
Transformer 3 phase/480v - 150 KVA	\$25,550.00	\$0.00	N/A. Station is not seeking reimbursement for AUX Transmitter or equipment.	\$0.00	N/A
UHF - Air Cooled Solid State Transmitter 0.01 kW	\$0.00	\$0.00	N/A. Station is not seeking reimbursement for AUX Transmitter or equipment.	\$0.00	N/A
Sub-total	\$3,774,179.29	\$1,738,935.35	N/A	\$1,730,021.50	N/A
Total for all systems	\$8,227,004.06	\$5,946,377.02	N/A	\$4,294,253.18	N/A

Actual Information	
Description	File Name

Mask Filter		
	Component Description:	WDRB-110-1st Primary
		Transmitter - Mask Filter
	Amount:	\$27,320.03
	Component Description:	WDRB-110-1st
		Primary Transmitter - Mask
		Filter
	Amount:	\$23,325.29
	Component Description:	Mask Filter System
		(1/3 Down
	Amount:	Payment) \$23,545.77
	Amount.	\$23,545.77
Demolition		
	Component Description:	Labor for
		transmitter
		Demolition project \$4,500.00

nstallation and proof		
	<b>Component Description:</b>	WDRB-110-1st
		Primary
		Transmitter -
		Installation and
		Proof
	Amount:	\$27,399.58
	Component Description:	Installation and
		Proof (1/3 Down
		Payment)
	Amount:	\$27,399.58
	Component Description:	WDRB-110-1st
		Primary
		Transmitter -
		Installation and
		Proof
	Amount:	\$27,399.58
RF Accessories		
	<b>Component Description:</b>	WDRB-110-1st
		Primary
		Transmitter - RF
		Accessories
	Amount:	\$31,403.81
	Component Description:	WDRB-110-1st
		Primary
		Transmitter - RF
		Accessories
	Amount:	\$20,738.55
	Component Description:	RF Accessories (1
	Somponent Description.	/3 Down Payment)

Other Electrical Service: Two transmitters, main and Aux will need to be wired simultaneously.

Component Description: Amount:	Install new distribution panel for transmitter \$12,843.10
Component Description: Amount:	Additional wiring for new transmitter \$9,104.00
Component Description: Amount:	Relocate transformer to outside of transmitter bldg \$29,327.40
Component Description: Amount:	Work Performed on 9/20/18 \$42,500.00
Component Description: Amount:	Invoice partial billing of project, for materials. \$14,974.50
Component Description:	WDRB-110-1st Primary Transmitter - Other Electrical Service - wiring two transmitters simultaneously (main & aux) \$4,332.94
Component Description: Amount:	Work performed on: 9/5/18 \$21,612.00

Transformer 3 phase/480v - 300 KVA	Component Description:	WDRB-110-1st Primary Transmitter - Transformer 480V -
	Amount:	300 KVA \$5,242.85
	Component Description: Amount:	Electrical (1/3 Down Payment) \$4,332.94
UHF - Liquid Cooled Solid State Transmitter 75.1 kW	Component Description: Amount:	Transmitter \$80,725.93
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	Component Description:	Transmitter, Mask filter system, RF accessories, Electrical,
	Amount:	Installation & proof \$414,797.77
	Component Description: Amount:	Primary Transmitter \$415,904.71
	Component Description:	Invoice moved due to category being superseded. N/A
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	Component Description: Amount:	Transmitter \$447,304.76

2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
Transformer 3 phase/480v - 150 KVA	Information not provided.
UHF - Air Cooled Solid State Transmitter 0.01 kW	Information not provided.

## 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	Acti Jus
Primary Antenna ATW25H3- ET0-32H	\$315,390.00	\$267,044.95		\$244,517.12	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	\$0.00	
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$230,227.95	ERI Quote20170929827RevE ERI Invoice WDRB-100B	\$230,227.95	
Elbow complex, single channel, at antenna input, per 7 3/16. feedline (if needed)	\$13,900.00	\$27,192.00	This is the price quoted by ERI for all the elbows in the line (12). Actual cost may change after we pay for the transmission line design.	\$10,820.42	
Sweep test of existing antenna	\$6,730.00	\$4,625.00	per proposal 20170929- 827 Rev E	\$3,468.75	

Auxiliary Antenna ATW16H3- HSCX-32H	\$231,385.74	\$219,474.74		\$152,466.3
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$13,000.00	N/A	\$7,800.00
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$12,904.00	This is the cost figure the manufacture had listed for the elbow complex.	\$5,897.64
UHF - High Power, Side Mount, basic slot antenna, 724 kW input, horizontally polarized	\$183,945.74	\$183,945.74	This Auxiliary Antenna is a Side Mounted Horizontally Polarized UHF Trasar Television Transmitting Antenna. Rated for 50kw average input power	\$133,275.00
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	\$4,800.00
Sweep test of existing antenna	\$6,730.00	\$4,625.00	per proposal 20170929- 827 Rev E	\$693.75

Sub-total	\$546,775.74	\$486,519.69	N/A	\$396,983.51
Total for all systems	\$8,227,004.06	\$5,946,377.02	N/A	\$4,294,253.18

Actual Information Description	File Name	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.	
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	Component Description:	WDRB-210- Primary Antenna - UHF High Power
	Amount:	Top Mount \$123,352.95
	Component Description:	WDRB-210- Primary Antenna - UHF High Power
	Amount:	Top Mount \$53,437.50
	Component Description:	Primary Antenna - UHF High Power
	Amount:	Top Mount \$53,437.50

Elbow complex, single channel, at antenna input, per 7 3/16. feedline (if needed)	Component Description: Amount:	Primary Antenna - Elbow Complex 7 3 /16" \$5,410.21
	Component Description:	Primary Antenna - Elbow Complex 7 3 /16"
	Amount:	\$5,410.21
Sweep test of existing		
antenna	Component Description:	WDRB-210- Primary Antenna - Sweep Test
	Amount:	\$693.75
	Component Description:	Primary Antenna -
	Amount:	Sweep Test \$1,387.50
	Component Description:	WDRB-210- Primary Antenna -
	Amount:	Sweep Test \$1,387.50
Side mount brackets for		
high power antennas (if not included in antenna base cost)	Component Description:	WDRB-250- Auxiliary Antenna - Side Mount Brackets High
	Amount:	Power Antenna \$3,900.00
	Component Description:	Auxiliary Antenna - Side Mount Brackets High Power Antenna
	Amount:	Power Antenna

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	Component Description: Amount:	Auxiliary Antenna - Elbow Complex 6 1 /8" \$2,948.82
	Component Description: Amount:	WDRB-250- Auxiliary Antenna - Elbow Complex 6 1 /8" \$2,948.82
UHF - High Power, Side Mount, basic slot antenna, 724 kW input, horizontally polarized	Component Description: Amount:	WDRB-250- Auxiliary Antenna - UHF High Power Side Mount \$47,025.00
	Component Description: Amount:	UHF High Power Side Mount \$43,125.00
	Component Description: Amount:	Auxiliary Antenna - UHF High Power Side Mount \$43,125.00
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Component Description: Amount:	SCATTERING STUDY WDRB \$2,400.00
	Component Description: Amount:	Aux antenna scattering study \$2,400.00

Sweep test of existing		
antenna	Component Description:	WDRB-250-
		Auxiliary Antenna -
		Sweep Test
	Amount:	\$693.75

#### **Transmission Line**

#### 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	
Primary Transmission Line	\$336,577.25	\$364,652.25		\$283,606.86	
Dehydrator	\$10,215.00	\$10,215.00	N/A	\$8,392.05	
Primary Transmission Line- Wall Feed	\$692.25	\$692.25	Please see Estimated Cost Justification WDRB- 310-Primary Transmission Line - Wall Feed v0	\$692.25	
Rigid Transmission Line - copper, 7 3 /16"	\$325,670.00	\$353,745.00	ERI Quote20170929827RevE	\$274,522.56	
Auxiliary Transmission Line	\$221,742.25	\$193,348.25		\$144,603.57	
Dehydrator	\$10,970.00	\$10,970.00	N/A	\$8,392.05	
Rigid Transmission Line - copper, 6 1/8"	\$210,080.00	\$181,686.00	ERI Quote20170929827RevE	\$135,519.27	
Auxiliary Transmission Line- Wall Feed	\$692.25	\$692.25	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$692.25	
Sub-total	\$558,319.50	\$558,000.50	N/A	\$428,210.43	
Total for all systems	\$8,227,004.06	\$5,946,377.02	N/A	\$4,294,253.18	

Actual Information Description	File Name	
Dehydrator	Component Description:	WDRB-310-
		Primary Transmission Line - Dehydrator
	Amount:	\$2,797.35
	Component Description:	Primary Transmission Line
		- Dehydrator
	Amount:	\$2,797.35
	Component Description:	WDRB-310-
		Primary Transmission Line - Dehydrator
	Amount:	\$2,797.35
Primary Transmission Line- Wall Feed		
	Component Description:	each 48" x 11" x
	Amount	12" thick wallsaw
	Amount:	\$400.00
	Component Description:	14 EA 1" DIA Holes
	Amount:	\$292.25

Rigid Transmission Line -		
copper, 7 3/16"	Component Description:	WDRB-310-
		Primary
		Transmission Line - Rigid
		Transmission Line 7 3/16"
	Amount:	\$96,167.68
	Component Description:	Primary
		Transmission Line - Rigid
		Transmission Line 7 3/16"
	Amount:	\$89,177.44
	Component Description:	Primary
		Transmission Line - Rigid
		Transmission Line 7 3/16"
	Amount:	\$89,177.44
Dehydrator		
	Component Description:	WDRB-350- Auxiliary Transmission Line
	Amount:	- Dehydrator \$2,797.35
	Component Description:	Auxiliary
		Transmission Line - Dehydrator
	Amount:	\$2,797.35
	Component Description:	WDRB-350-
		Auxiliary Transmission Line
	Amount:	- Dehydrator \$2,797.35

Rigid Transmission Line -		
copper, 6 1/8"	<b>Component Description:</b>	WDRB-350-
		Auxiliary
		Transmission Line
		- Rigid
		Transmission Line
		6 1/8"
	Amount:	\$48,063.97
	Component Description:	WDRB-350-
		Auxiliary
		Transmission Line
		- Rigid
		Transmission Line
		6 1/8"
	Amount:	\$43,727.65
	Component Description:	Auxiliary
		Transmission Line
		- Rigid
		Transmission Line
		6 1/8"
	Amount:	\$43,727.65
Auxiliary Transmission Line-		
Wall Feed	<b>Component Description:</b>	WDRB-350-
		Auxiliary
		Transmission Line
		- Wall Feed
	Amount:	\$400.00
	Component Description:	WDRB-350-
		Auxiliary
		Transmission Line
		- Wall Feed
	Amount:	\$292.25

# **Tower Equipment and Rigging Costs**

### Cost Information

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

	Predetermined	Estimated	Estimated Cost		Ac
Description	Cost Estimate	Cost	Justification	Actual Cost	Ju
Primary Tower TOWER	\$0.00	\$0.00		\$0.00	
Primary Tower	\$2,865,010.68	\$2,654,511.68		\$1,377,063.74	
Fence removal and installation	\$5,000.00	\$5,000.00	N/A	\$3,350.00	
Purchase six and one eighth inch hangers	\$29,922.00	\$29,922.00	N/A	\$0.00	
Rental of heavy equipment	\$2,500.00	\$2,500.00	N/A	\$0.00	
New tower	\$1,250,000.00	\$1,250,000.00	N/A	\$540,726.00	
Foundation	\$200,000.00	\$200,000.00	N/A	\$64,980.00	
Demolition	\$160,715.00	\$160,715.00	N/A	\$16,600.00	
Shipping Freight	\$11,696.00	\$11,696.00	N/A	\$11,695.74	
State taxes	\$134,843.00	\$134,843.00	N/A	\$94,500.13	
Tall Tower (greater than 500')	\$210,500.00	\$1.00	Cost reflected in new tower expense	\$0.00	
Purchase seven and three sixteenth inch hangers	\$55,413.00	\$55,413.00	N/A	\$0.00	

Electric	\$9,750.00	\$9,750.00	see Estimated Cost Justification WDRB-480- Construct New Tower - Electrical Work v0	\$8,775.00
Installation services	\$89,286.00	\$89,286.00	N/A	\$27,426.44
Install tower and ice bridge	\$686,250.50	\$686,250.50	ERI Quote20170929827RevE	\$598,209.75
New Primary Tower - Tower Lighting Electrical	\$3,792.00	\$3,792.00	Please see WBKI & WDRB Mars Electric Inc. Quote dated Dec 3 2019 and Supporting Emails	\$3,792.00
Transmission line designs	\$9,250.00	\$9,250.00	N/A	\$5,550.00
Asphalt repair	\$6,093.18	\$6,093.18	see Estimated Cost Justification WDRB-480- Construct New Tower - Asphalt Repair v0	\$1,458.68
Sub-total	\$2,865,010.68	\$2,654,511.68	N/A	\$1,377,063.74
Total for all systems	\$8,227,004.06	\$5,946,377.02	N/A	\$4,294,253.18

Actual Information Description	File Name	
Fence removal and installation	Component Description: Amount:	Tear out of existing 48" black vinyl chain link \$3,350.00
Purchase six and one eighth inch hangers	Information not provided.	
Rental of heavy equipment	Information not provided.	

#### New tower

Component Description:	Survey of new tower location and support cables. Fieldwork. Drawing and
Amount:	process data. \$1,042.50
Component Description: Amount:	8/21 Locate \$225.00
Component Description:	Antenna Equipment and Installation Services
Amount:	\$143,553.00
Component Description:	Construct New Tower - New Tower
Amount:	\$197,952.75
Component Description:	Construct New Tower
Amount:	\$197,952.75

Foundation		
	Component Description:	WDRB-480-
		Construct New
		Tower -
		Foundation
	Amount:	\$21,660.00
	Component Description:	WDRB-480-
		Construct New
		Tower - Foundation
	Amount:	\$21,660.00
	Component Description:	Construct New
		Tower -
		Foundation
	Amount:	\$21,660.00
Demolition		
	<b>Component Description:</b>	Remove approx 1 1
		/2 acres of trees
	Amount:	\$16,600.00
Shipping Freight		
	<b>Component Description:</b>	WDRB-480-
		Construct New
		Tower - Shipping
		/Freight
	Amount:	\$11,695.74
State taxes		
	<b>Component Description:</b>	WDRB-480-
		Construct New
		Tower - State
		Sales Tax
	Amount:	\$94,500.13
Tall Tower (greater than 500')	Information not provided.	
Purchase seven and three sixteenth inch hangers	Information not provided.	

	Component Description:	Total Amount of
	Amount:	Contract \$8,775.00
nstallation services		
	Component Description:	Final Inspection for
		New Tower
		Installation
	Amount:	\$4,500.00
	Component Description:	Labor-operation
		/management to
		create proposed
		crane pad
	Amount:	\$13,401.44
	Component Description:	WDRB-480-
		Construct New
		Tower - Installation
		Services
	Amount:	\$5,775.00
	Component Description:	Construct New
	_	Tower - Installation
		Services
	Amount:	\$1,875.00
	Component Description:	Construct New
	• • • • • • •	Tower - Installation
		Services
	Amount:	\$1,875.00

nstall tower and ice bridge		
	Component Description:	WDRB-480-
		Construct New
		Tower - Install
		Tower and Ice
		Bridge
	Amount:	\$186,459.45
	Component Description:	Construct New
		Tower - Install
		Tower and Ice
		Bridge
	Amount:	\$205,875.15
	Component Description:	Construct New
		Tower - Install
		Tower and Ice
		Bridge
	Amount:	\$205,875.15
New Primary Tower - Tower		
Lighting Electrical	Component Description:	Transmitter
		building exterior
		power and lighting
	Amount:	\$3,792.00
Transmission line designs		
	<b>Component Description:</b>	Construct New
		Tower -
		Transmission Line
		designs (Primary &
		Aux)
	Amount:	\$2,775.00
	Component Description:	Construct New
		Tower -
		Transmission Line
		designs (Primary
		Aux)

Asphalt repair		
	Component Description: Amount:	Driveway repair \$579.34
	Component Description: Amount:	Road Repair \$879.34

## **Outside Professional Services**

## 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 Co Justificat
Outside Professional Services	\$421,739.50	\$454,331.45		\$349,710.65	
RF Consultant D. Everist	\$82,631.76	\$82,631.76	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$82,631.76	N/A
Advanced site survey GA999TS	\$17,353.00	\$17,353.00	N/A	\$8,185.20	N/A
Attorney Fees and Other Matters	\$58,344.74	\$58,344.74	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$58,344.74	see submitte invoices
Structural Engineering Analysis of Tower	\$16,800.00	\$16,800.00	Per Hodge Structural Engineers invoice	\$16,800.00	N/A
Additional Field Engineering Service, 14 Days	\$11,650.00	\$11,650.00	N/A	\$0.00	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	\$25,000.00	N/A

Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	\$10,520.00	\$1,000.00	Please see the attached invoice from TERRACON # TB18642-1	\$1,000.00	N/A
NEPA Section 106 environmental review, if needed	\$6,310.00	\$1,650.00	Please see the attached invoice from TERRACON # TB18642-1	\$1,650.00	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	\$0.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	\$314.00	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$42.50	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	\$0.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$0.00	N/A

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$0.00	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$0.00	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	\$0.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$1,590.50	N/A
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	\$2,105.00	\$431.00	Per WDRB Justification New Budget Category Attorney License to Cover App (Aux)	\$431.00	N/A
Project management of the transition	\$94,010.00	\$148,720.95	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$148,720.95	N/A

ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	\$0.00	N/A
Existing-Tower Inspection	\$5,000.00	\$5,000.00	N/A	\$5,000.00	N/A
Sub-total	\$421,739.50	\$454,331.45	N/A	\$349,710.65	N/A
Total for all systems	\$8,227,004.06	\$5,946,377.02	N/A	\$4,294,253.18	N/A

Actual Information Description	File Name	
RF Consultant D. Everist	Component Description: Amount:	Consulting engineering services \$6,949.67
	Component Description: Amount:	Consulting engineering services \$2,795.00
	Component Description: Amount:	Consulting engineering services \$4,542.48
	Component Description: Amount:	Consulting engineering services \$2,321.30
	Component Description: Amount:	Consulting engineering services \$7,787.70

Component Description: Amount:	Consulting engineering services \$5,140.86
Component Description:	Consulting Services
Amount:	\$4,372.00
Component Description:	Consulting Services
Amount:	\$827.12
Component Description:	Consulting Services
Amount:	\$1,351.42
Component Description:	Consulting Services
Amount:	\$5,167.80
Component Description: Amount:	Consulting engineering services \$6,275.60
Component Description: Amount:	Consulting engineering services \$13,317.15
Component Description:	Consulting Services
Amount:	\$3,073.63
Component Description: Amount:	Consulting Engineering Services \$627.42
Component Description: Amount:	Consulting engineering services \$9,778.90

	Component Description: Amount:	Consulting Engineering Services \$4,973.01
	Component Description: Amount:	Consulting Services \$3,330.70
Advanced site survey GA999TS	Component Description: Amount:	Site Survey \$8,185.20
Attorney Fees and Other Matters	Component Description:	Zoning Approvals: Floyds Knobs Communication
	Amount:	Tower \$6,768.00
	Component Description:	Prepare correspondence to client \$42.50
	Component Description:	Correspondence to G. Schroder re tree
	Amount:	removal. \$2,506.50
	Component Description: Amount:	For Services Rendered \$585.50
	Component Description:	Zoning Approvals: Floyds Knobs Communication
	Amount:	Tower \$1,428.00

Component Description: Amount:	Email with engineering staff re second tranche of repack funding \$450.00
Component Description: Amount:	WDRB-550-Attorney - Other Matters \$651.00
Component Description:	Email with station engineers re FCC repack quarterly progress report
Amount:	\$270.00
Component Description:	Email with K. Wilkowski and station staff re FCC site visits \$1,170.00
Amount	\$1,170.00
Component Description:	Review status of regulatory approvals for the new tower
Amount:	\$3,030.00
Component Description:	Email with K. Wilowski re FCC repack notice on
Amount:	potential fraud \$1,200.00
Component Description:	Email with G. Schroder re FCC repack progress
Amount:	reports \$2,101.00

Component Description: Amount:	For Services Rendered \$297.50
Component Description: Amount:	Legal services \$844.00
Component Description: Amount:	Prepare correspondence to client regarding data sheet information for proposed WDRB tower \$6,870.00
Component Description: Amount:	Telephone conference with G. Schroder. \$1,393.50
Component Description: Amount:	Zoning Approvals: Floyds Knobs Communication Tower \$3,878.94
Component Description: Amount:	Conference call and emails with K. \$1,432.50
Component Description: Amount:	Fees \$4,214.80
Component Description: Amount:	Please deny this component N/A

	Component Description: Amount:	Fees \$7,779.50
	Component Description:	Review issues re tower construction email with G.
	Amount:	Schroder re same \$2,917.50
	Component Description:	Prepare correspondence to
	Amount:	client regarding \$491.00
	Component Description: Amount:	Fees \$8,023.00
Structural Engineering Analysis of Tower	Component Description: Amount:	Structural Analysis \$3,500.00
	Component Description:	Engineering Evaluation /Feasibility Analysi
	Amount:	for 944' guyed tow \$7,500.00
	Component Description:	Site plan and surve
	Amount:	\$5,800.00
Additional Field Engineering Service, 14 Days	Information not provided.	

Comprehensive coverage verification via field study,		
if needed	Component Description:	Down payment for TV measurements and report per
	Amount:	quotation \$7,500.00
	Component Description:	TV MEASUREMENTS AND REPORT PER QUOTATION DATED 9/4/2018
	Amount:	\$5,000.00
	Component Description:	Professional Services Rendered
	Amount:	\$12,500.00
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	Component Description: Amount:	Environmental Assessment \$1,000.00
NEPA Section 106		
environmental review, if needed	Component Description:	NEPA Screening- National Environmental Policy Act (NEPA) screening for the proposed tower site in accordance with Federal Communication Commission (FCC) requirements
	Amount:	\$1,650.00
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.	

Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Component Description:	Correspondence re modification of repack CPs to report new ASR number
	Amount:	\$314.00
Prepare and or review reimbursement form	Component Description:	WDRB-590-Prepare and Review Reimbursement Form \$42.50
		¢ 12100
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	
Perform engineering study for new channel assignment and antenna development	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Prepare request for Special Temporary Authorization	Information not provided.	
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Component Description:	WDRB-550-Attorney - Prepare and File Form 2100 Construction Permit Application (Main)
	Amount:	\$1,590.50

Antenna, prepare and File Form 2100 Construction Permit or License Application	Component Description:	WDRB-550-Attorney - Attorney Fees - Prepare and File FCC Form 2100 Construction Permit or License Cover Application (Aux) \$431.00
Project management of the transition	Component Description: Amount:	Project Management \$1,773.65
	Component Description: Amount:	Project Management \$6,014.40
	Component Description: Amount:	Project Management \$1,347.90
	Component Description: Amount:	Project Management \$6,258.65
	Component Description: Amount:	Project Management \$3,859.60
	Component Description: Amount:	Project Management \$2,783.90
	Component Description: Amount:	Project Management \$2,831.25
	Component Description: Amount:	Project Management \$3,590.60

Component Description:	Project Management
Amount:	\$3,727.65
Component Description:	Project Management
Amount:	\$3,818.95
Component Description:	Project Management
Amount:	\$4,978.80
Component Description:	Project Management
Amount:	\$7,044.80
Component Description:	Project Management
Amount:	\$4,151.30
Component Description:	Project Management
Amount:	\$5,530.65
Component Description:	Project Management
Amount:	\$3,815.95
Component Description:	Project management
Amount:	\$2,209.50
Component Description:	Project Management
Amount:	\$4,789.35
Component Description:	Project Management
Amount:	\$2,014.55
Component Description:	Project Management
Amount:	\$2,591.00

Component Description:	Project Management
Amount:	\$2,889.10
Component Description:	Project Management
Amount:	\$241.75
Component Description:	Project Management
Amount:	\$3,417.90
Component Description:	Project Management
Amount:	\$2,168.55
Component Description:	Project Management
Amount:	\$5,080.05
Component Description:	Project Management
Amount:	\$3,242.65
Component Description:	Project Management
Amount:	\$3,149.70
Component Description:	Project Management
Amount:	\$6,345.50
Component Description:	Project management
Amount:	\$4,358.60
Component Description:	Project Management
Amount:	\$4,958.95
Component Description:	Project Management
Amount:	\$3,144.00

Component Description:	Project management
Amount:	\$3,095.15
Component Description:	Project Management
Amount:	\$3,158.75
Component Description:	Project Management
Amount:	\$2,494.00
Component Description:	Project Management
Amount:	\$1,890.40
Component Description:	Project Management
Amount:	\$4,087.95
Component Description:	Project Management
Amount:	\$5,506.40
Component Description:	Project Management
Amount:	\$5,219.45
Component Description:	Project Management
Amount:	\$3,172.40
Component Description:	Project Management
Amount:	\$3,242.65
Component Description:	Project Management
Amount:	\$5,242.20
Component Description:	Project Management
Amount:	\$2,725.05

(prepare FCC Form 854)		
Existing-Tower Inspection		
	<b>Component Description:</b>	Completion of
		complete tower
		inspection at WDRE
		TV tower.
	Amount:	\$5,000.00

## **Other Expenses**

## 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
Other Expenses	\$45,679.35	\$38,778.35		\$12,263.35	
Project management fees internal	\$15,000.00	\$15,000.00	N/A	\$0.00	N/A
MVPD Notification of Channel Change	\$3,464.00	\$3,464.00	Estimated Cost Justification WDRB-610- MVPD Notification v0	\$3,464.00	N/A
Develop and air announcement of upcoming channel change	\$1,000.00	\$1,000.00	N/A	\$0.00	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	\$0.00	N/A
DTV Medical Facility Notification	\$11,550.00	\$4,664.00	Estimated Cost Justification WDRB-610- DTV Medical Facility Notification	\$4,664.00	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	\$0.00	N/A

Local Zoning	\$7,000.00	\$7,000.00	N/A	\$0.00	N/A
Non-zoning permits	\$3,000.00	\$3,000.00	N/A	\$0.00	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$4,135.35	\$4,135.35	per Estimated Cost Justification WDRB-610- Disposal Costs v0	\$4,135.35	N/A
Sub-total	\$45,679.35	\$38,778.35	N/A	\$12,263.35	N/A
Total for all systems	\$8,227,004.06	\$5,946,377.02	N/A	\$4,294,253.18	N/A

## Components

Actual Information Description	File Name	
Project management fees internal	Information not provided.	
MVPD Notification of Channel Change	Component Description: Amount:	MVPD Notification Services \$3,464.00
Develop and air announcement of upcoming channel change	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
DTV Medical Facility Notification	Component Description: Amount:	Notification of Medical Facilities \$4,664.00
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	

Local Zoning	Information not provided.
Non-zoning permits	Information not provided.

Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description: Amount:	Switch Out - Trash \$370.00
	Component Description: Amount:	Final Pick Up - Trash \$380.35
	Component Description: Amount:	Switch Out -Trash \$370.00
	Component Description: Amount:	Switch Out - Trash \$500.00
	Component Description: Amount:	Final Pick Up - Trash \$275.00
	Component Description: Amount:	Final Pick Up - Trash \$500.00
	Component Description: Amount:	Switch Out -Trash \$500.00
	Component Description: Amount:	Final Pick Up - Trash \$370.00
	Component Description: Amount:	Switch Out - Trash \$500.00
	Component Description: Amount:	Switch Out - Trash \$370.00

Cost Information	Grand Total				
		Predetermined Cost Estimate	Estimated Cost	Actual Cost	
	Total for all systems	\$8,227,004.06	\$5,946,377.02	\$4,294,253.18	

Reimbursem	entestiatus	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.	
		<ol> <li>The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.</li> </ol>	
		2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.	
		<b>3.</b> 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.	Gary Schroder , Schroder . <i>Chief</i> <i>Engineer</i> 07/26/2021

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).	
		<ol> <li>The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.</li> </ol>	
		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.	
an a nam	clare, under penalty of perjury, that I am authorized representative of the above- ned applicant for the Authorization(s) cified above.	Gary Schroder , Schroder . Chief Engineer 07/26/2021

## Attachments

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