

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

73263 Service: DTV Call Channel: 25 (UHF) Facility Sign:

ID:

File 0000027901

Number:

FRN: 0006595441 Date 03/07

> Submitted: /2021

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
WMHT EDUCATIONAL TELECOMMUNICATIONS	ROBERT ALTMAN 4 GLOBAL VIEW TROY, NY 12180 United States	+1 (518) 880- 3400	raltman@wmht. org	Corporation

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email
Keith Martin Director of Technology WMHT Educational Telecommunications	Keith Martin 4 Global View Troy, NY 12180 United States	+1 (518) 880- 3472	kmartin@wmht. org

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	Replace IOT Transmitter and associated equipment. AUX antenna and transmission line, add combiner for WTEN. Replace main transmission line to combiner, combiner and shared transmission line to antenna. Add AC and electric to transmitter room.

Transmitters

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

Primary Transmitter

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter	Manufacturer	
Manufacturer and Type	Model	Paragon
	Year	2005
	Туре	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	50 kW

Primary Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	THU9evo
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	31 kW
	Justification for New Transmitter	Cost of retuning and replacing exciters exceeds cost of new transmitter.

Primary Transmitter

Other Transmitter Costs

Question	Response
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
	Switchgear (industrial 800 amp) Transformer (480V) Power Rigid Conduit and Wiring Size Length

	Description	Unsure of new electrical requirements
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Heating and Cooling
	Size	30 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter

Other Transmitter Cost Not Listed

Name	Description
MASK Filter	Channel Change requires new mask filter (prior cut for Channel 34)

Interim Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Interim
	Description of Use	N/A
	Change Type	Purchase
	Manufacturer	
	Model	THUevo
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	15.5 kW
	Justification for New Transmitter	need to have a transmitter to use while the existing transmitter room and transmission system /combiner is rebuilt for the new channel due to room constraints

Interim Transmitter

Other Transmitter Costs

Section	ection Question	
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	300 kVA
	Rigid Conduit and Wiring	No

	Size	N/A
	Length	N/A
	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Heating and Cooling
	Size	20 tons
	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
Inside RF System	Is an additional interior RF system required to support this interim transmitter?	Yes

Otile

Other Transmitter Cost Not Listed

Interim

Transmitter Information not provided.

Antennas

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

Primary Antenna

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Retune Existing
	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	Bottom
	Polarization	Horizontal
	Туре	Broadband Panel
	Number of Stations Supported	4
	Number of Panels	60
	Design power capacity in use	100.0 %
	Lower Limit	470.00 MH

Upper Limit	698.00 MHz
Other Antenna Type	N/A
ERP: (Effective Radiated Power)	105.0 kW
Manufacturer	Dielectric
Model	TUD-05-12 /60H-1-B
Year	2005

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

Facility ID	Call Sign
11970	WXXA-TV
73264	WCWN
73942	WRGB
74422	WTEN

Primary Antenna

Adjustment to Existing Antenna

Section	Question	Response
Sweep Test of Existing Antenna	Do you need a sweep test of existing antenna?	Yes

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Туре	New
	Number of channels supported	3
	Frequencies of channels supported	RF channel
	Frequency	N/A

Enter a list of RF channel numbers.

RF Channel Number	
24	
22	
25	

Primary Antenna

Other Antenna Cost Not Listed

Information not provided.

Add Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Auxiliary (Backup)
	Description of Use	WMHT Aux Antenna
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this antenna currently shared with any other stations?	No
	Is this 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)	19.0 kW

Manufacturer	
Model	DCA
Year	2005

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Auxiliary (Backup)
	Description of Use	Aux antenna
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	Yes
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna	Class	Full Power
Manufacturer and Types	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Broadband Panel
	Number of Stations Supported	2
	Number of Panels/Bays	24
	Lower Limit	512.00 MHz
	Upper Limit	600.00 MHz
	Design power capacity in use	50.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	20.0 kW
	Manufacturer	
		,

Model	TU Deltastar
Year	2017
Justification for New Antenna	WMHT aux is for channel 34 only, WTEN does not have an aux antenna or back up facility needed for repack transition

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Туре	New
	Number of channels supported	2
	Frequencies of channels supported	Upper and lower frequency
	Frequency	530.0 MHz - 542.0 MHz
	Do you need a combiner output splitter /switcher for dual feed lines?	Yes
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Broadband
	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

Other Antenna Cost Not Listed

Information not provided.

Transmission ^{Seffien}	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Add Transmission Line

Auxiliary Transmission

n Lipe Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Aux transmission line
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmission currently shared with any other stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and	Manufacturer	
Type	Туре	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	0
	Length	347 feet per run

New Transmission Line

Auxiliary
Transmissi

Section	Question	Response
New Transmission Line Costs	Use	Auxiliary (Backup)
	Description of Use	new channel tx line
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Туре	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	Broadband
	Other Segment Length	N/A
	Number of parallel runs	0
	Length	550 feet per run
	Justification for New Transmission Line	existing tx line for channel 34 only. WTEN does not have an aux or back up needed for repack /transition

Auxiliary Other Transmission Line Expenses Not Listed Transmission Line tion not provided.

Existing Transmission Line

Primary Transmission

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	Manufacturer	
Line Manufacturer and 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	0
	Length	600 feet

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

Facility ID	Call Sign
73942	WRGB
74422	WTEN

11970	WXXA-TV
73264	WCWN

Primary Transmissi

New Transmission Line

ion 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	8 3/16 inches
	Other Diameter	N/A
	Segment Length	Broadband
	Other Segment Length	N/A
	Number of parallel runs	0
	Length	600 feet per
	Justification for New Transmission Line	Existing transmission line does not support all the new channels assigned by the repack

Primary Other Transmission Line Expenses Not Listed

Transmission loine tion not provided.

Tower Equipment And Rigging Costs

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

Primary Tower

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	Unknown
	Is tower compliant with Rev G?	Unknown
Existing Tower	Do you have a tower registration number?	No
Structure Registration	ASR Number	
Coordinates (NAD83 (North American Datum	Latitude (NAD83)	42° 37' 31.3" N-
of 1983))	Longitude (NAD83)	074° 00' 36.7" W-
	Overall Structure Height	499.01 feet
	Support Structure Height	495.07 feet
	Ground Elevation Above Mean Sea Level (AMSL)	1780.82 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Capital Region Broadcasters, LLC
Date Constructed	05/31/2002

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

Call Sign	Service
WRGB	DTV
WNYT	DTV
WCWN	DTV
WXXA-TV	DTV
WMHT-FM	FM
WTEN	DTV
	WRGB WNYT WCWN WXXA-TV WMHT-FM

Primary Tower

Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	Minor Reinforcements needed

Primary Tower

Tower Rigging Costs

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

Primary Tower

Other Tower Expenses Not Listed

Information not provided.

Outside Professional

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	500
	Explanation	We are a PBS station with only one engineer and may need assistance throughout the repack process. After reviewing the time spent last year, we need to increase the amount for project management (not using an outside engineer)
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	Yes
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	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	Yes
	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	No
	Quantity	N/A
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	Yes
	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	Yes
	Additional Field Engineering Service	No
		'

Number of Days	N/A
Justification	N/A

Outside Professional

Other Professional Services Expenses Not Listed

I Şervices Costs	Description
In house project management and time	Unable to hire a consultant for the repack so we are doing the project management and work in house
Travel to Transmitter School	Rohde and Schwartz provides training to engineers upon purchase of a transmitter- This line item is for the travel, tolls and meals to the school

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?	No
Permit and Filing Costs	Local Zoning	No
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	Yes
	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?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

Other Expenses

Other Expenses Not Listed

Name	Description
Facility Heat	The facility has been heated by the WMHT and WTEN tube transmitters excess heat. Now that they are being replaced by solid state transmitters, there will no longer be any heat in the building without adding a new heat system.
Finance and Accounting Expense	Salary expense for the Finance/Accounting team to enter the materials for the 399 effort and to track the reimbursements
Mezzanine Construction	A mezzanine needed to be constructed to hold the multichannel combiner
Rigging	For new main combiner and transmission line
Transmitter Exciter Input	Equipment to properly feed the new transmitter exciters

Cost Information

Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cos Justification
Interim Transmitter THUevo	\$1,022,000.00	\$738,255.36		\$523,706.01	
UHF inside RF system including switching	\$147,500.00	\$140,000.00	N/A	\$0.00	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	\$684,000.00	\$416,955.36	Interim transmitter needed to stay on the air while main transmitter replaced and transmission line /combiner replaced, tested, etc.	\$416,273.51	N/A
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$35,000.00	N/A	N/A	N/A
20 Ton system	\$115,500.00	\$110,000.00	N/A	\$107,432.50	N/A
Primary Transmitter THU9evo	\$1,204,000.00	\$1,011,000.00		\$976,960.54	
MASK Filter	\$31,000.00	\$31,000.00	N/A	N/A	N/A

Other	\$60,000.00	\$60,000.00	Costs of	\$59,152.00	This is a n
Electrical			electrical and		item for th
Service:			decommissioning		When we
Unsure of			work of our old		origina
new			transmitters		budgetin
electrical			(high voltage		did not re
requirements			transformers,		that we v
			electrical panels.		have al
			Also included is		decommis
			an electrical		expense
			project manager		dumps
			to oversee this		charges
			aspect. We were		electrical
			not aware when		manage
			we were		charg
			budgeting this		
			project all the		
			issue.		
UHF -	\$947,000.00	\$812,000.00	I have included	\$810,376.04	The Roho
Liquid			the equipment		Schwarz i
Cooled			package		for the d€
Solid State			drawings that		drawings
Transmitter			Rohde and		created
21 - 31 kW			Schwarz have		overage. I
			developed for		remove th
			the transmitter		Rohde
			site. Please look		Schwarz
			at the actual		name is in
			invoices for		and tl
			substantiation of		attachn
			the estimated		doesn't ha
			the estimated cost. I have		
			cost. I have		doesn't ha info requ

30 Ton system	\$166,000.00	\$108,000.00	Existing 'custom' air conditioner will need to be removed to make room for the new equipment	\$107,432.50	Please of the transic which has which has well action - remove information (the second Walters) this item of the categoristic within but and The Vico. AC capproversity with the categoristic and the vico. AC capproversity with the categoristic and the vico. AC capproversity with the categoristic and the vico. AC capproversity with the vico.
Sub-total	\$2,226,000.00	\$1,749,255.36	N/A	\$1,500,666.55	N/A
Total for all systems	\$3,496,289.60	\$2,677,573.96	N/A	\$2,133,986.05	N/A

Components

Actual Information Description	File Name			
UHF inside RF system including switching	Information not provided.			
Switchgear - industrial 800 amp	Information not provided.			
UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	Component Description:	75% of the 15.5kW /14.5kW OFMD Transmitter System Interim		
	Amount:	\$312,205.13		
	Component Description:	25% down payment 15.5 kW /14.5 kW of MD Transmitter System		
	Amount:	\$104,068.38		
Transformer 3 phase/480v - 300 KVA	Information not provided.			

20 Ton system			
	Component Description:	N/A	
	Amount:	N/A	
	Component Description:	Interim Transmitter	
		Replacement AC	
		Unit Libert#1 -	
		includes Labor ,	
		Materials and	
		Subcontractors	
	Amount:	\$107,432.50	
MASK Filter	Information not provided.		
Other Electrical Service:			
Unsure of new electrical	Component Description:	We have put a new	
requirements		line item in the 399	
		to accommodate	
		this invoice- as	
		when we were	
		writing the budget,	
		we did not	
		anticipate these	
		expenses	
	Amount:	\$59,152.00	

UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW

Component Description: 75% of the

payment for the 31k /W ATSC/28kw OFDM Transmitter

System

Amount: \$589,443.98

Component Description: THU9-T9 2019

Harmonic filter

band IV

Amount: \$1,130.00

Component Description: Proof of

Performance for THU9evo-10

WMHT Channel 25

Amount: \$7,500.00

Component Description: 25% down of the

main transmitter-PO and Quote also

attached

Amount: \$196,481.32

Component Description: Detailed drawing

Package of the WMHT Transmitter

Site

Amount: \$15,820.74

Component Description: Detailed drawing -

comprehensive

coverage field study

Amount: \$15,820.74

30 Ton system **Component Description:** Primary Transmitter Replacement AC Unit Amount: \$107,432.50 **Component Description:** Primary Transmitter Replacement AC Unit. Both the Primary and backup are the same tonnage and the vendor quote for both units combined are on

Amount: \$107,432.50

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Cost Information

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cos
Primary Antenna TUD-05-12 /60H-1-B	\$241,140.00	\$74,229.00		\$70,580.32	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$0.00	N/A	N/A	N/A
Elbow complex, broadband, at antenna input, per 8 3/16. feedline (if needed)	\$18,950.00	\$13,000.00	Actually the cost higher on PO- so not quite sure how the budget numbers were derived.	\$12,920.00	N/A
Combiner output splitting /switching for dual feed lines, if applicable	\$126,000.00	\$0.00	N/A	N/A	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$53,335.00	1/3 of the cost	\$49,980.32	N/A

Sweep test	\$6,730.00	\$7,894.00	Additional	\$7,680.00	The
of existing			sweeps		estimate
antenna			than what		was for
			was		30% dowr
			originally		this invoic
			budgeted,		is for 45%
			were done		down
			due to		
			some tower issues		
			155065		
Auxiliary	\$339,109.60	\$162,469.60		\$151,519.56	
Antenna					
TU					
Deltastar					
Pattern	\$5,260.00	\$5,000.00	N/A	N/A	N/A
scatter					
analysis for					
side mount					
high/med					
power					
antennas					
(if not					
included in					
antenna					
base cost)					
Side mount	\$23,150.00	\$20,000.00	required for	\$17,532.76	N/A
brackets			new side		
for high			mount aux		
power			antenna		
antennas					
(if not					
included in					
antenna					

Elbow complex,	\$13,700.00	\$18,400.00	required as per RF	\$17,884.38	N/A
oroadband,			sweep;		
at antenna			elbow		
input, per 6			transitioning		
1/8.			is working		
feedline (if			out		
needed)			differently		
			from the		
			drawings-		
			does not		
			provide the		
			correct		
			internal		
			tower		
			positioning-		
			so the		
			elbow was		
			redesigned		
			to have it		
			installed		
			before the		
			tower crew		
			left		
Combiner	\$126,000.00	\$30,000.00	Using this	\$29,032.83	N/A
output			category for		
splitting			all the		
/switching			additional		
for dual			expenses		
feed lines,			as a result		
if applicable			of the		
			changes in		
			the		
			combiner		
			/mezzanine		

Sweep test of existing antenna	\$6,730.00	\$9,000.00	Other repack related sweeps have been entered into this line item as actuals which is why this is higher than budget and estimated cost.	\$8,999.99	N/A
UHF – Broadband Panel, Side Mount Auxiliary /Interim, 20 horizontally polarized	\$2,000.00	\$2,000.00	This is a duplicate line- please ignore	N/A	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$0.00	N/A	N/A	N/A

UHF –	\$78,069.60	\$78,069.60	***System	\$78,069.60	N/A
Broadband			Notice:		
Panel,			Estimate		
Side Mount			adjusted		
Auxiliary			and locked		
/Interim, 20			because		
horizontally			line has		
polarized			been		
			superseded.		
			***Our		
			current aux		
			antenna is		
			cut for		
			channel 34		
			only		
			(reference		
			RF sweep)		
			and will		
			need to be		
			replaced for		
			our new		
			channel		
Sub-total	\$580,249.60	\$236,698.60	N/A	\$222,099.88	N/A
Total for all systems	\$3,496,289.60	\$2,677,573.96	N/A	\$2,133,986.05	N/A

Components

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.

Elbow complex, broadband,		
at antenna input, per 8 3 /16. feedline (if needed)	Component Description: Amount:	1/3 cost of dollar value- final payment on Elbow complex - the other stations already been reimbursed by the FCC. \$6,800.00
	Amount.	φο,ουυ.υυ
	Component Description:	This invoice is for shared tower-CRB- WMHT is paying 1/3 of the invoice is 45% of the total- the elbow total is 9,180-WMHT is paying 3060
	Amount:	\$3,060.00
	Component Description:	2nd invoice for the Combiner and equipment for the CRB- WMHT is paying 1/3 of the 2nd 45% down for Dielectric
	Amount:	\$3,060.00
Combiner output splitting /switching for dual feed lines, if applicable	Information not provided.	
New combiner, cost per channel (without antenna)		

Component Description: Freight and

Storage for the Combiner and Assorted

Equipment for the 3 stations on a joint tower.Capital Region
Broadcasters.
WMHT is required to pay 1/3 of the invoice. WCWN has already paid 1/3 of the invoice

Amount: \$1,757.91

Component Description: Shared Combiner

for the joint CRB tower- invoice is 45% of the cost; our share is 1/3.

Amount: \$23,420.69

Component Description: Freight and

Shipping -Combiner and assorted

Equipment for 3 stations on a joint tower- WMHT is responsible for 1/3

of the cost

\$29.22

Amount:

Component Description:

the 3 stations as part of the CRB-Capital Region Broadcasters-WMHT's share is \$1,351.80 final invoice for the combiner

Invoice is total for

Amount: \$1,351.80

Component Description: Shared combiner

for the shared CRB tower-45% 2nd invoice; 1/3 of the cost- stations-WMHT; WCWN,

WTEN

Amount: \$23,420.70

Sweep test of existing antenna

Component Description: 45% of the Repack

Sweep includes 1 Field Engineer on-Site for the Day, Travel, Expenses

and Report

Amount: \$2,880.00

Component Description: Repack Sweep

includes 1 Field Engineer on site for 1 day, travel expenses and report 45% down

Amount: \$2,880.00

Component Description: A sweep due to

the combiner purchase for the shared tower-CRB- WTEN, WMHT and WCWN- this invoice is for 45% down, WMHT share is 1/3

Amount: \$960.00

Component Description: 2nd 45% invoice

from Dielectric for

the shared combiner and associated

equipment for the Shared CRB tower- WMHT, WCWN and WTEN are sharing this expense- each station's share is 1

/3.

Amount: \$960.00

Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost) Information not provided.

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

Component Description: The invoice was

due to the tower crew needing to leave before the work was done and our need to get the auxiliary antenna on the air.

Amount: \$918.00

Component Description: Shipping expense

and connectors to meet the FCC on air deadline.

Amount: \$221.74

Amount:

Component Description: Freight expense-

the quote did not include freight-FOB- Raymond Me on the quote

\$638.70

Component Description: The items have

been shipped. This invoice is to true up what has been quoted in this specific line item

Amount: \$3,766.32

Component Description: Product

400001435 45%

down

Amount: \$5,994.00

Component Description: 45% down on

Product #400001435

Amount: \$5,994.00

Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)

Component Description: Elbow joint product

400007476 not previously invoiced

Amount: \$7,024.00

Component Description: Product #

40001436 - 45%

down

Amount: \$3,160.80

Component Description: Invoice includes

shipping that was not in the quote. Elbow needed to be redesigned to work with the conditions at the joint community tower- CRB

Amount: \$4,538.78

Component Description: Product

#40001436 45%

down

Amount: \$3,160.80

Combiner output splitting /switching for dual feed lines, if applicable

Component Description: Another expense

> due to facility modifications

necessary to meet

the 8/2/19

transition deadline

\$4,455.32 Amount:

Component Description: Additional expense

> to solve the construction

delays to make the

8/2 deadline \$24,577.51

Amount:

Amount:

Sweep test of existing

antenna

Component Description: WMHT Aux

> System Sweep Test; 3 stations on invoice- WMHT listed - which is 1/3 of the total upon

proposal acceptance \$866.66

Component Description:

Completion of the electrical report after the RF Sweep. Invoice split among the 3 stations WMHT, WTEN and WCWN. Vendor was unwilling to make separate

invoices. \$1,733.33

Component Description:

Amount:

Amount:

Repack Sweep \$6,400.00

	Component Description:	Product 400001434 45% down
UHF – Broadband Panel, Side Mount Auxiliary /Interim, 20 horizontally polarized	Component Description: Amount:	Part #400001434 45% down \$39,034.80
New combiner, cost per channel (without antenna)	Information not provided.	
UHF â€" Broadband Panel, Side Mount Auxiliary /Interim, 20 horizontally polarized	Information not provided.	

Cost Information

Transmission Line

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

			Estimated		
	Predetermined	Estimated	Cost		Actual Co
Description	Cost Estimate	Cost	Justification	Actual Cost	Justificati
Primary Fransmission Line	\$0.00	\$201,720.00		\$200,566.98	
Rigid Transmission Line - copper, 8 3 /16" broadband	\$0.00	\$201,720.00	existing transmission line does not support the new channel assignments, this represents 1 /3 of the cost of 189,500-have increased the sum to include the actual transmission line installour share is 138,550	\$200,566.98	N/A
Auxiliary Transmission Line	\$0.00	\$42,105.00		\$41,558.08	
Rigid Transmission Line - copper, 6 1 /8" broadband	\$0.00	\$42,105.00	existing transmission line does not support the new channel assignment.	\$41,558.08	N/A
Sub-total	\$0.00	\$243,825.00	N/A	\$242,125.06	N/A
Total for all systems	\$3,496,289.60	\$2,677,573.96	N/A	\$2,133,986.05	N/A

Components

Actual Information Description	File Name	
Rigid Transmission Line - copper, 8 3/16" broadband	Component Description:	Final Invoice for the Transmission Line Install Albany, NY - WMHT- on the CRB tower
	Amount:	\$9,275.00
	Component Description:	Provide Labor, Equipment and Fabrication services for line and antenna change outs related to Spectrum Repacking. This is invoice is one-third of the total.
	Amount:	\$100,000.00
	Component Description:	2nd of 3 invoices for the WMHT Transmission Line Install on the joint CRB Tower (Capital Region Broadcasters)
	Amount:	\$9,275.00
	Component Description:	First of 3 invoices for Transmission Line Install on the joint CRB tower (Capital Region Broadcasters)
	Amount:	\$20,000.00

Component Description: Shared combiner

and misc

equipment for the shared CRB tower- 2nd 45% invoice from Dielectric -

WMHT's share is 1 /3 of the expensespread over 4

components of the

399

Amount: \$31,008.49

Component Description: Shared combiner

and associated equipment for shared CRB tower- WMHT, WTEN and WCWN- 45% of total cost- 1/3 WMHT share

Amount: \$31,008.49

Rigid Transmission Line - copper, 6 1/8" broadband

Component Description: We ordered precut

wire so that the tower crew could

finish the

installation before they departed

Amount: \$3,109.50

Component Description: Product

300006758 45% down; 1 penny rounding

Amount: \$17,547.97

Component Description: Product

#300006758 45%

down.

Amount: \$17,547.97

Component Description: Product

#RTLSCR3-20 45% down

Amount: \$1,399.28

Component Description: RTLSCR3-20 45%

down

Amount: \$1,399.28

Component Description: Shipping on

Invoice 612003

Amount: \$554.08

Cost Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cos Justificatio
Primary Tower TOWER	\$254,800.00	\$83,070.00		\$6,324.67	
Structural engineering tower load study for well documented tower	\$12,600.00	\$6,400.00	We needed another tower climb to understand what was on our tower; hence the tower climb which increased the cost.; after the repack, the Structural consultants came to review the loads- this invoice is just for WMHT	\$6,324.67	We realized that as we were putting up new equipment we needed to review the tower to understand the stressesthe total amount is not greated amount and the estimated amount has been adjusted.
Minor tower reinforcement /modifications	\$158,000.00	\$50,000.00	1/3 of the cost of \$150000	N/A	N/A
Short Tower (less than 500')	\$84,200.00	\$26,670.00	1/3 of the cost of \$80000	N/A	N/A
Sub-total	\$254,800.00	\$83,070.00	N/A	\$6,324.67	N/A

Total for all \$3,496,289.60 \$2,677,573.96 N/A \$2,133,986.05 N/A **systems**

Components

Actual Information Description	File Name	
Structural engineering tower load study for well documented tower	Component Description: Amount:	Analysis of the 435' Guyed Tower for WTEN, WMHT and WCWN split evenly among the 3 stations \$2,500.00
	Component Description: Amount:	Consultant Services during antenna and line installation - this invoice is just for WMHT. Work 8/28 and 8/29- reviewed tower contractors proposed method of installing transmission line to ensure structural integrity of the tower was not compromised \$600.00
	Component Description:	Tower climb of shared transmission tower- invoice divided by the 3 stations
	Amount:	\$1,558.00

	Component Description: Amount:	Tower mapping of our shared transmission tower /facility \$1,666.67
	Component Description: Amount:	Pdf includes travel backup. Invoice has been divided by 3 - Vendor has refused to issue 3 separate invoices; these stations are being repacked in the same phase, total cost is being divided by 3. Justification on expense- last page \$1,558.00
Minor tower reinforcement /modifications	Information not provided.	
Short Tower (less than 500')	Information not provided.	

Cost Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Co Justificati
Outside Professional Services	\$315,040.00	\$242,650.00		\$103,393.51	
In house project management and time	\$90,000.00	\$90,000.00	As we were unable to hire a consultant, this project is taking many more hours than we originally budgeted. This reforecast should take us to the end of the project.	\$72,035.52	Robert Cummings is an exempt employee and his hourly wage is predicated on 1,950 hours per year or 37.5 hours per week Matt Sapli is an exempt employee and his hourly wage is predicated on 1,950 hours per year or 37.5 hours per week Cuong Le is a non-e
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	N/A

ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	\$2,235.00	N/A
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	\$4,210.00	\$4,000.00	N/A	\$3,760.50	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	\$1,580.00	\$4,000.00	WMHT had to submit paperwork to support its broadcasting on the aux antenna as it was unable to yet broadcast on its main antenna to meet the 8/2 deadline	\$3,750.00	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$750.00	N/A

RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	\$2,105.00	\$2,000.00	N/A	\$2,000.00	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,500.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$1,250.00	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$806.40	N/A
	\$79,000.00	\$7,500.00	N/A	\$1,927.20	N/A

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,800.00	Due to the changes and delays, our legal expenses are greater than originally forecast	\$5,732.20	N/A
Travel to Transmitter School	\$1,600.00	\$1,600.00	We will be sending 2 employees to this training. The first trip cost \$783.75. I assume the 2nd trip will be similarly priced.	\$1,526.69	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$7,000.00	Currently our invoices (not submitted but will be) currently \$6,120. The actual invoices attached should be substantiation for the estimated costs	\$6,120.00	We neede a group PC and purchase agreemen as 2 of ou vendors refused to take individual invoices but wanted 1 invoice with the individual amount broken out The POs then had to be approved by Nexsta and Sincla as we are on a joint tower
Sub-total	\$315,040.00	\$242,650.00	N/A	\$103,393.51	N/A

Total for all \$3,496,289.60 \$2,677,573.96 N/A \$2,133,986.05 N/A **systems**

Components

Components		
Actual Information Description	File Name	
In house project management and time	Component Description:	Engineering work done on the Community Tower- Capital Region Broadcasting notated as CRB- jointly owned by all the broadcasters in the capital region
	Amount:	\$7,987.89
	Component Description:	Internal Labor-03 /31. CRB is the shared tower that all the TV stations are located on. Monthly and weekly meetings are scheduled. Cuong Le is the ET IV, Robert Cummings is the CRB-WMHT rep.
	Amount:	\$890.33
	Component Description:	Engineering work by Dennis Correia - exempt- FCC proof of Performance measurements- auxiliary transmitter at the CRB- Capital Region Broadcasters
	Amount:	\$446.10

Component Description: This invoice has

never been submitted to the FCC (thought recorded as a receivable. 2 Capital Region Broadcasters (CRB) Monthly meetings

Amount: \$161.66

Component Description: all employees on

one invoice per

request

Amount: \$526.83

Component Description: Dennis Correia

continue to work on the repack at the CRB- Capital

Region

Broadcasters joint tower-auxillary antenna work \$1,920.08

Amount: \$1,920.08

Component Description: Clean up of the site

by Cuong Le and Ron McGowty

Amount: \$964.48

Component Description: 5/18 Internal Labor.

Rohde & Schwarz installs, Dielectric delivery all at the CRB- Capital

Region

Broadcasters joint /shared tower.

Amount: \$1,968.17

Component Description: Internal Labor for

August 2018. CRB is Capital Region Broadcasters-shared tower facility; Raises are included in this

invoice

Amount: \$287.35

Component Description: Keith Martin, a new

hire, went to a CRB (Capital Region Broadcasters) meeting. CRB is our joint towr

Amount: \$57.43

Component Description: Dennis Correia

continued to work at the CRB-Capital

Region

Broadcasters to deal with a Rhode and Schwarz issue

Amount: \$215.34

Component Description: Engineering work

done by Matt

Saplin and Cuong Lee for the repack. Cuong Lee went to the Rhodes and

Schwarz

transmitter school; Matt Saplin worked on the quarterly

report

Amount: \$1,006.87

Component Description: Matt Saplin is

exemptresearched antenna, repack

meetings,

answered calls and emails- varied

admin tasks

Amount: \$1,004.01

Component Description: Dennis Correia

assisted in the removal of the combiner and filer

at our site.

Amount: \$446.10

Component Description: Matt Saplin labor

for December 2018. He works 1,950 per year. CRB is Capital

Region

Broadcasters

Amount: \$173.41

Component Description: 5/17 Internal Labor.

CRB is the shared tower of the TV broadcasters.
Meetings with vendors due to the repack are noted on this schedule.

Amount: \$1,114.41

Component Description: Cu Long ETV IV

total of 100 hours at \$23.54 per hour

Amount: \$2,354.00

Component Description: 4/18 Internal Labor.

> Continued work with vendors at the CRB/Capital

Region

Broadcasters tower site. CRB/Capital Region is the shared tower/jointly

owned tower.

Amount: \$8,594.96

Component Description: 3/18 Internal Labor.

> Continued Work at the CRB/ Capital

Region

Broadcasters (joint /shared tower) sitewith equipment

installs

Amount: \$10,676.54

Component Description: 8/17 Internal Labor.

> Nexstar is the corporate owner of WTEN- one of the stations on the joint

/shared CRB tower being repacked in the same phase.

Amount: \$810.45

Component Description: This is just for the

> internal engineering labor for April 30th.

Amount: \$246.43 Component Description: 11/17 Internal

Labor. R&S or R/S

is Rohde &

Schwarz; CRB is the joint tower; Dielectric & PCI

vendors

Amount: \$3,343.26

Component Description: Matt Saplin and

Robert Cummings both work 1950 hours per year

Amount: \$95.66

Component Description: Internal Labor for

Feb 28, 2017. CRB LLC is the name of the Joint Tower org. that all the commercial/noncommercial are on.. Monthly and weekly

meetings are scheduled. Robert Cummings is the WMHT-CRB engineering representative

Amount: \$95.06

Component Description: 4/30/17 Internal

Labor. CRB is the shared tower that all the broadcasters are on. Weekly and monthly meetings due to repack issues. WMHT, WTEN and WCWN are 3 stations that are being repacked in the same phase.

Amount: \$1,389.50

Component Description: 6/17 Internal Labor.

CRB or Capital

Region

Broadcasters is the name of the LLC of the shared tower of all the broadcasters in our local area. Meetings with vendors are

common due to the

repack and

purchase of equip.

Amount: \$1,959.98

Component Description: Engineering time

for the repack.
Repack meetings
and contractor
meetings at the
CRB (joint

transmitter site) site.

Amount: \$961.74

Component Description: 07/17 Internal

Labor. CRB or Capital Region Broadcasters the joint/shared tower

that all the

broadcasters including. WMHT are on. Weekly meetings are common as there are many equip decisions to make.

Amount: \$3,022.58

Component Description: 12/17 Internal

Labor. Capital Region

Broadcasters is the shared/joint tower that the local broadcasters

share- clean up of

the site and meetings part of the repack effort.

Amount:

\$4,209.58

Component Description: Matt Saplin has

> been fielding phone calls, working on redesigning the mezzanine.

Amount:

\$684.55

Component Description: all 3 employees on

one invoice as

requested

Amount: \$29,602.44

Component Description: 9/17 Internal Labor-

> CRB is the joint /shared tower for all the broadcasters. Monthly, weekly and even daily meetings due to the repack. Matthew Saplin is the **Assistant Chief** Engineer.

Amount: \$2,607.45 Component Description: October 17 Internal

Labor. Meetings with Rohde & Schwarz- listed as

R/S meetigs

Amount: \$921.31

Component Description: 6/18 Internal Labor-

More work at the CRB or Capital

Region

Broadcasters
shared/joint tower.
Install, proofing of
Rohde & Schwarz
transmitter w/
LaCorte electrical

Amount: \$3,973.71

Component Description: R&S is Rhoade and

Schwarz (transmitter) training in

Maryland, CRB is Capital Region Broadcasters

Amount: \$533.46

Component Description: Engineering Work

working on the repack on the CRB-Capital Region Broadcastings joint

tower

Amount: \$4,109.70

Component Description: Dennis Correia

continued work at the CRB for the repack ensuring that the machinery

was working successfully.

Amount: \$1,354.83

Component Description: 2/18 Internal Labor.

CRB is the joint /shared tower much work being done at this site from R/S- Rohde &Schwarz to electricians (Lacorte) and Walters- Air

conditioning along with issues with snow removal

Amount: \$2,824.85

Component Description: Second January

2018 invoice for

labor. We

submitted the first one with just December 2017paid in 2018- see last page for detailed reason. CRB is joint/shared

tower

Amount: \$449.46

Comprehensive coverage verification via field study, if needed

Information not provided.

ASR modification (prepare FCC Form 854)

Information not provided.

Attorney Fees -Prepare and File FCC Form 2100

(main), License to Cover Application

Component Description: Retrieving copy of

granted license for WMHT and check it to ensure that is is main and not auxiliary. Foster Garvey is a merger of Foster Pepper and Garvey Schubert Barer. The name of the firm changed - EIN number the same

Amount: \$270.00

Component Description: There are 2 sub-

totals on this sheetone for general legal and the other for the repack legal

work. (aka transition

reimbursable)- we are claiming just for

the transition reimbursable

Amount: \$1,404.00

Component Description: Emails and

dialogue between the Attorneys and

the Station

regarding the STA request, public file postings and consumer education.

Amount: \$399.00

Component Description: Email interchanges,

moving to main antenna, Name of firm changed, not

EIN#

Amount: \$162.00

Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application

Component Description: Television

repacking expense is segregated from the other expenses in this invoice. Only requesting \$39.00. EIN # changed due

to change in

corporate structure. New W-9 attached

along with discussion.

Amount: \$39.00

Component Description: Television

repacking
expenses are
segregated and
other expenses are

included

Amount: \$117.00

Component Description: All expenses on

this invoice is for the FCC Repack

Amount: \$139.50

Component Description: This invoice

includes other expenses outside of the Television Repacking. The television repacking

is only 975

Amount: \$975.00

Component Description: Television

Repacking Expense is

segregated from other invoice

expenses.

Amount: \$195.00

Component Description: Television

Repacking

Expense broken

out- other

expenses are on

this invoice

Amount: \$1,944.00

Component Description: This invoice has

includes other expenses. The

television repacking expense has been

segregated.

Amount: \$351.00

RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application

Component Description: Prepare the

technical portion of the FCC Form 2100, Channel 25 Auxiliary Antenna

application

Amount: \$500.00

Component Description: To prepare the

WMHT Channel 25

Interim /STA Application \$1,625,00

Amount: \$1,625.00

Component Description: To prepare a

Channel 25/STA /interim antenna request due to post

transition

construction delays

Amount: \$1,500.00

Component Description: Prepare the

engineering section

of FCC Form 2100

Amount: \$125.00

Prepare engineering section of FCC Form 2100 (main), License to Cover Application

Component Description: Prepare the

technical portion of the app for license to cover CP, LMS

Amount: \$250.00

Component Description: Engineering study

work for new channel

assignment and

antenna development

Amount: \$250.00

Component Description: Engineering study

work for new channel

assignment and

antenna development

Amount: \$250.00

RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit

lication Amount:

Application

Component Description: Prepare the

engineering section of FCC Form 2100

nount: \$2,000.00

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application

Component Description: Engineering work

on the STA/Interim

Application

Amount: \$1,500.00

Perform engineering study for new channel		
assignment and antenna	Component Description:	Tech Review of
development		Transmission Plant
		Professional
		Services, and Form
		2100 CP Mod ERP
		Reduction-
		Professional
		Services
	Amount:	\$1,250.00
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	
Prepare and or review		
reimbursement form	Component Description:	Assisting with the
		4th Qtr report in the
		LMS system. Due
		to the change in the
		engineering staff,
		assistance was
		needed
	Amount:	\$806.40

Project management of the transition **Component Description:** Needed additional engineering support for WMHT due to the complex nature of our joint tower. Frederick Lass was one of the original engineers who designed the structure. Amount: \$1,927.20 **Component Description:** Please delete this invoice; the full amount of this invoice including this has its own line item-thanks. Amount: \$2,800.00 Attorney Fees - Prepare and File FCC Form 2100 **Component Description:** Email exchange (main), Construction Permit regarding need for Application an STA for reduced power Amount: \$108.00

Component Description: Review FCC Public

Notice regarding final invoices to the

TV repack relocation

Amount: \$115.20

Component Description: Email interchanges,

status of

construction of main antenna, receive and review letter from FCC granting extension

of construction permit etc

Amount: \$702.00

Component Description: Regarding

transition reporting along with quarterly

reporting

Amount: \$837.00

Component Description: Late courier billing

Amount: \$25.00

Component Description: Invoice email

exchange with Consulting

Engineer, Attorney and staff regarding WMHT STA request

Amount: \$867.00

Component Description: This invoice is as a

result of WMHT STA request, public

file postings, extending CP for WMHT construction

and emails between the station, consulting engineers, FCC and attorneys

Amount: \$3,078.00

Component Description: Amount:	Travel exp incl. mileage, tolls, food and lodging to train at Rohde and Schwarz transmitter school- WMHT purchased a new transmitter as part of the repack \$783.75
Amount:	and lodging to train at Rohde and Schwarz transmitter school-WMHT purchased a new transmitter as part of the repack
Amount:	at Rohde and Schwarz transmitter school- WMHT purchased a new transmitter as part of the repack
Amount:	Schwarz transmitter school- WMHT purchased a new transmitter as part of the repack
Amount:	transmitter school- WMHT purchased a new transmitter as part of the repack
Amount:	a new transmitter as part of the repack
Amount:	as part of the repack
Amount:	repack
Amount:	
Amount:	\$783.75
Component Description:	Mileage
	reimbursement and
	Ez pass toll exp for
	Rhoade and
	Schwarz
	transmitter school
	that Cuong Le, ET
	IV, attended in
	Maryland as we have a new
	transmitter as part
	of the repack
Amount:	\$441.72
Component Description:	Hotel and Food for
Component Description.	Cuong Le, ET IV to
	be trained in our
	new Rhoade and
	Schwarz
	transmitter in
	Maryland. Tolls and
	Ez pass on
	separate invoice
Amount:	\$301.22

Measurements

Attorney Fees - Negotiation of lease and other matters for shared locations

Component Description: Draft collective

purchasing

agreement for the shared equipment of WMHT, WTEN and WCWN

Amount: \$4,800.00

Component Description: fees are for drafting

a PO and

agreement for all

our shared
equipment to be
repacked WeWMHT, WTEN and
WCWN are owners

of the Capital

Region

Broadcasters LLC

(aka CRB).

Amount: \$280.00

Component Description: Single invoice

review after draft of

collective purchasing agreement.

Amount: \$80.00

Component Description: Reviewing the

engineers
regarding the
collective
purchasing
agreement

Amount: \$80.00

Component Description: Review Sinclair

changes and finalized contract and group PO

Amount: \$880.00

Cost Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Co
Other Expenses	\$99,400.00	\$101,275.00		\$59,376.38	
Transmitter Exciter Input	\$6,300.00	\$6,300.00	To purchase equipment to properly feed the new exciters and finalize the input requirements of the new transmitter	\$0.00	N/A
Rigging	\$13,335.00	\$13,335.00	1/3 of the total cost of \$40000	N/A	N/A
Mezzanine Construction	\$26,000.00	\$26,000.00	We needed to redesign our facility to accommodate the new equipment facilitated by the repack. This redesign is being split by WCWN, WTEN and WMHT and has been discussed by the FCC. The adjustment is due to the final Walters invoice that WMHT will be hand	\$25,450.68	N/A

Finance and Accounting Expense	\$9,000.00	\$9,000.00	To cover the salary expense for	\$8,527.83	N/A
			the Finance		
			and		
			Accounting		
			team to handle		
			the cost		
			accounting		
			and the 399		
			preparation for		
			the repack		
Facility Heat	\$6,625.00	\$6,625.00	1/3 cost of	N/A	N/A
			\$19,875 for		
			new facility		
			heat system,		
			shared cost		
			with WTEN		
			and WCWN.		
			Due to heat for		
			the facility was		
			being supplied		
			by the old tube		
			transmitters		
			excess heat which are no		
			longer there		
MVPD	\$8,000.00	\$8,000.00	We do not	\$6,947.00	N/A
Notification of	φο,σσοίσσ	ψο,σσσ.σσ	know how the	ψο,ο σ σ	,,
Channel			\$2,000 budget		
Change			was came		
· ·			about. We		
			called several		
			vendors and in		
			order to do		
			what was		
			mandated, we		
			had to spend		
			significantly		
			significantly greater than		
			significantly greater than budgeted. We		
			significantly greater than budgeted. We ultimately		
			significantly greater than budgeted. We ultimately selected		
			significantly greater than budgeted. We ultimately selected companies		
			significantly greater than budgeted. We ultimately selected companies based on who		
			significantly greater than budgeted. We ultimately selected companies		

Develop and air announcement of upcoming channel change	\$2,000.00	\$2,000.00	need to let our viewers know of the channel change	\$613.31	N/A
Equipment Storage	\$9,000.00	\$9,000.00	We do not have any place to store the equipment as it received	\$4,797.00	N/A
Equipment Delivery and Handling Charges	\$10,000.00	\$10,000.00	Unknown cost at this time	\$7,613.20	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$7,500.00	\$7,500.00	Unknown cost at this time	\$3,200.56	The Roho and Schwarz invoice has separate line item the 399; The correspondent of the separate line item for \$3,038.5 Once the Rhode and Schwarz invoices are deleted then this line item no longer in an overage situation.
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A

FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$3,000.00	Much of the 2100 work and other work are on 1 invoice rather than small separate invoices. I will not be using many of the	\$2,226.80	N/A
500 E'''			small legal line items		
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
Sub-total	\$99,400.00	\$101,275.00	N/A	\$59,376.38	N/A
Total for all systems	\$3,496,289.60	\$2,677,573.96	N/A	\$2,133,986.05	N/A

Components

Actual Information Description	File Name	
Transmitter Exciter Input	Component Description: Amount:	Equipment to properly feed the new exciters. We will supply invoices with shipping as substantiation once the quote has been approved. \$6,075.00
Rigging	Information not provided.	45,5: 5:55

Mezzanine Construction **Component Description:** WMHT has been requested by WCWN and WTEN to handle the reimbursement from the FCC and remittance to the vendor. \$1,353.60 **Amount: Component Description:** Invoice is for 1/3 of the cost for the removal of the combiner at the **CRB** Building **Amount:** \$1,600.00 **Component Description:** This is for the construction of the Mezzanine for the combiner. This is a joint invoice with WMHT's share itemized. **Amount:** \$21,820.28 **Component Description:** This invoice has been divided by 3 -WCWN, WTEN

WCWN, WTEN
and WMHT all
members of the
joint - shared
tower- CRB or
Capital Region
Broadcasters. This
work is part of the

mezzanine project.

Amount: \$676.80

Finance and Accounting Expense

Component Description: 399 Work by Julie

Raskin

Amount: \$44.94

Component Description: 399 work by Julie

Raskin

Amount: \$119.84

Component Description: Work on the 399s

and other FCC

Avanti Shirali

work by the Finance /Accounting folks-Julie Raskin, Marie McGowty and

Amount: \$793.40

Component Description: Julie Raskin and

399 work

Amount: \$441.48

Component Description: Julie Raskin and

399 Work

Amount: \$819.91

Component Description: Julie Raskin, Marie

McGowty, Avanti Shirali and Yvette Mitchell presented to their public media colleagues on a webinar about how to receive reimbursement from the FCC on repacking internal

labor

Amount: \$193.61

Component Description: Julie Raskin and

399 work

Amount: \$252.28

Component Description: Finance Team

besides working on the invoices, 399 assisted other NYS

public media stations to put together internal labor invoices for

the repack

Amount: \$1,003.00

Component Description: 399 Assemble

packages done by Julie Raskin; review budget

Amount: \$46.14

Component Description: Finance

/Accounting

support for the 399 and administering support. 2nd invoice for the same period as we had submitted

internal engineering invoices without realizing that we could charge for

our labor

Amount: \$370.04

Component Description: Julie Raskin and

Avanti Shirali worked on internall labor invoices and admin tasks for the

399

Amount: \$180.73

Component Description: Continued work on

the 399 and other FCC repack related by Julie Raskin, Marie McGowty and Avanti Shirali.

Amount: \$481.28

Component Description: This invoice is for

Julie Raskin's work on the 399. Julie Raskin is exempt and works 1950 hours per year.

Amount: \$92.29

Component Description: Accounting

/Finance Work for the 399s. 2nd invoice for August 2018. Unaware that we were able to submit for reimbursement, there we had already submitted the engineering invoices.

Amount: \$783.57

Component Description: This includes the

> Finance and **Accounting Staff** also Devan

Patenaude who is part of Admin and manages the switchboard calls.

\$1,285.51 Amount:

Component Description: Time Cards and

> 399 Work for Marie McGowty and Julie Raskin respectively

Amount: \$362.26

Component Description: This is for the

> finance/accounting work done on the 399s by Julie Raskin

\$123.06

Amount:

Component Description: Finance

> /Accounting Support for the 399. Unaware that we were able to charge for our time. This is the 2nd invoice as we had already submitted the engineering internal labor invoices

Amount: \$485.24 Component Description: October 2018

invoice for Accounting /Finance work to assemble the various invoices including internal labor. We were unaware that we

could get

reimbursed for our

time

Amount: \$541.58

Component Description: Write cover memos

and assemble equipment

packages for 399. Conference Call with Dielectric to discuss invoicing

concerns.

Amount: \$107.67

Facility Heat Information not provided.

MVPD Notification of Channel Change

Component Description: Medical Notification

Mailing Complete per FCC Repack

Amount: \$3,750.00

Component Description: This is to notify all

the cable and satellite providers of the channel frequency change. We opted to use 2 vendors to provide these notifications as it saved over

\$500.

Amount: \$3,197.00

To reprogram WMHT phone system to add prompts and phone tree to guide our viewers on how to rescan their TVs. \$380.00 Placing TV spots into logs for broadcast, voice overs and social media and website work \$233.31
system to add prompts and phone tree to guide our viewers on how to rescan their TVs. \$380.00 Placing TV spots into logs for broadcast, voice overs and social media and website work
prompts and phone tree to guide our viewers on how to rescan their TVs. \$380.00 Placing TV spots into logs for broadcast, voice overs and social media and website work
tree to guide our viewers on how to rescan their TVs. \$380.00 Placing TV spots into logs for broadcast, voice overs and social media and website work
viewers on how to rescan their TVs. \$380.00 Placing TV spots into logs for broadcast, voice overs and social media and website work
rescan their TVs. \$380.00 Placing TV spots into logs for broadcast, voice overs and social media and website work
\$380.00 Placing TV spots into logs for broadcast, voice overs and social media and website work
Placing TV spots into logs for broadcast, voice overs and social media and website work
into logs for broadcast, voice overs and social media and website work
into logs for broadcast, voice overs and social media and website work
broadcast, voice overs and social media and website work
overs and social media and website work
work
\$233.31
Pallet Jack, Load
Capacity 5000 lbs
Manufacturer
#12U125- to move
the equipment
\$917.00
Storage Containers
for the Repack
Equipment
\$3,880.00
For moving
For moving transformer oil
=

Component Description: Rental of a fork-lift

to move the new and old equipment at the site. Needed additional time due to the delivery of a transmitter cabinet

Amount: \$853.50

Component Description: Rental of one four

wheel drive forkliftto move all the equipment new and old for the

repack

Amount: \$1,670.00

Component Description: We needed snow

removal at the site in order to receive the equipment- we had 3 noreasters in

a row

Amount: \$1,240.00

Component Description: Rental of 1 four

wheel drive forklift to move all the equipment new and old for the

repack

Amount: \$1,450.00

Component Description: Rental of 1 four

wheel drive forklift to move all the equipment old and

new

Amount: \$1,450.00

Component Description: Rental of a Genie

Forklift to rearrange and move equipment in WMHT Transmitter room as a result of the new equipment purchased by the

repack.

Amount: \$609.50

Disposal Costs (for equipment and other waste, net of any salvage value)

Component Description: Needed more

barrels for the used oil- purchased used barrels on line via Craig's listno quote available

Amount: \$97.20

Component Description: Please delete this

line item; this entire invoice has been moved to a separate budget

item

Amount: \$1,900.00

Component Description: Safe disposal of

the mineral oil from Comark transmitter

Amount: \$2,813.48

Component Description: This for the

expense of the safe disposal of the mineral oil from our Comark transmitter

beam supply transformers-

please delete other

Safety -Kleen component

Amount: \$3,038.56

Component Description: Used barrels to

store transmitter oil- purchased on Craig's List - no quote as this was purchased used and on-line

Amount: \$64.80

Component Description: Please delete this

line item- the entire invoice has been moved to a

separate line item.

Amount: \$54,452.00

FCC Filing Fees - Special Temporary Authorization request Information not provided.

FCC Filing Fees - Form 2100 minor change CP application	Component Description:	Work on license applications and canceling STA- 2
		firms merged, EIN
		# stayed the same.
	Amount:	\$1,470.80
	Component Description:	Continued work on
		license application
	A	for modified CP
	Amount:	\$756.00
	Component Description:	This is the cost of
		retrieving a copy of
		the granted
		construction permit
		for the repack effort
	Amount:	\$108.00
FCC Filing Fees - Form 2100 license to cover	Information not provided.	
application		

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$3,496,289.60	\$2,677,573.96	\$2,133,986.05

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

Section Question Response

Submission of Estimated Expenses Statements

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

- 1. The Authorized
 Person signing
 below certifies that he
 /she is authorized to
 submit this TV
 Broadcaster
 Relocation Fund
 Reimbursement
 Form on behalf of
 the above-named
 entity.
- 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.
- 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.

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

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

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. Julie Raskin Vice President Finance and Administration

03/07/2021

Section Question Response

Submission of Actual Cost Documentation Statements

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

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

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

- 8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
- 9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. Julie Raskin Vice President Finance and Administration

03/07/2021

Section Question Response

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

- 1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. The abovenamed entity acknowledges that all certifications and attached documentation are considered material representations.
- 2. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.

- 3. The above-named entity certifies that all costs identified as "actual costs" herein accurately represent the costs actually paid by the above-named entity, including any discounts, refunds, or rebates.
- 4. 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.
- 5. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
- 6. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. Julie Raskin Vice President of Finance and Administration

03/07/2021

Attachments