

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility	2708 S	Service: DTV	Call	WGBA-TV	Channel: 14 (UHF)
ID:	I		Sign:	I	
File	000002	7244			
Number:					
FRN: 000	2710192	Date	09/22		
		Submitted:	/2021		

Applicant Name, Type, and Contact Information

Information

Applicant	Address	Phone	Email	Applicant Type
SCRIPPS BROADCASTING HOLDINGS LLC Doing Business As: SCRIPPS BROADCASTING HOLDINGS LLC	David Giles 312 WALNUT STREET 28TH FLOOR CINCINNATI, OH 45202 United States	+1 (513) 898- 4050	DAVE. GILES@SCRIPPS. COM	Limited Liability Company

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
	Ray Thurber Vice President Engineering SCRIPPS BROADCASTING HOLDINGS LLC	Ray Thurber 312 Walnut St. Cincinnati, OH 45202 United States	+1 (248) 827- 9202	ray. thurber@scripps. com

Broadcaster	Question	Response
Information and Transition Plan	Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	No
	Briefly describe transition plan	WGBA must replace its main antenna and transmitter in order to move to its new channel. See attached narrative for a more detailed explanation.

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

Auxiliary	Add Transmitter Information					
ransmitter	Section	Question	Response			
	Existing Transmitter Description	Type of change	Purchase New			
		Use	Auxiliary (Backup)			
		Description of Use	Auxiliary			
		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	Ranger			
		Year	2002			
		Туре	Solid State			
		Solid State Cooling	Air Cooled			
		Solid State Power Capacity	0.9 kW			

Add 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	UAXTE-2R37			
		Transmitter Type	Solid State			
		Solid State Cooling	Air Cooled			
		Solid State Power capacity	1.2 kW			
		Justification for New Transmitter	Current transmitter is no longer supported by the manufacturer except for maintenance. Available parts are in very limited supply and in some cases are no longer available. Manufacturer says it cannot be re- tuned.			

Auxiliary Other Transmitter Costs

Transmitter	Section	Question	Response
	Electrical Service	Service Entrance (3 phases 800A 208V)	No
		Switchgear (industrial 800 amp)	No

	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	Labor to furnish and install conduit and wiring, install new electrical panelboard and breakers, and other electrical work as necessary.
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Туре	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary	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	CD-3260P2		
		Year	2004		
		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-30			
		Transmitter Type	Solid State			
		Solid State Cooling	Liquid Cooled			
		Solid State Power capacity	19.2 kW			
		Justification for New Transmitter	Current transmitter is no longer supported by the manufacturer except for maintenance. Available parts are in very limited supply and in some cases are no longer available. Manufacturer says it cannot be re- tuned.			

Primary Other Transmitter Costs

Transmitter	Section	Question	Response No	
	Electrical Service	Service Entrance (3 phases 800A 208V)	No	
		Switchgear (industrial 800 amp)	No	

	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	Necessary switchgear, transformer installation, conduit, wiring and fuse disconnects as quoted by electrical contractor for main and auxiliary transmitter.
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Туре	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	10

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

Primary	Existing Antenna Information			
Antenna	Section	Question	Response	
	Existing Antenna Description	Type of change	Purchase New	
		Antenna Use	Primary (Main)	
		Description of Use	N/A	
		Ownership	Owned	
		Owner	N/A	
		Site	N/A	
		Is the existing antenna shared with another station or stations?	Yes	
		Is the existing antenna directional?	Yes	
		Is antenna in operating condition?	Yes	
		Is antenna located on or in close proximity to an antenna farm?	No	
	Existing Antenna	Class	Full Power	
	Manufacturer and Type	Mounting	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Horizontal	
		Туре	Broadband Panel	
		Number of Stations Supported	2	
		Number of Panels	32	
		Design power capacity in use	65.5 %	
		Lower Limit	542.00 MHz	
		Upper Limit	746.00 MHz	
		Other Antenna Type	N/A	
		ERP: (Effective Radiated Power)	1000.0 kW	

Manufacturer	
Model	TUA-C4-8 /32U-1-S
Year	2004

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

Facility ID	Call Sign
361	WACY-TV

Primary	New Antenna Costs			
Antenna	Section	Question	Response	
	New Antenna Description	Use	Primary (Main)	
		Description of Use	N/A	
		Change Type	Purchase New	
		Is this a request for upgraded equipment?	Yes	
		Ownership	Owned	
		Owner	N/A	
		Is antenna shared?	No	
		Is antenna directional?	Yes	
		Will antenna be located on or in close proximity to an antenna farm?	No	
	New Antenna Manufacturer and Types	Class	Full Power	
		Mounting	Top 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)	500.0 kW	
		Manufacturer		
			1	

Model	TFU- 25ETT-R S180
Year	2019
Justification for New Antenna	Current panel antenna is not suitable for Ch. 14 operation. Due to shape of directional pattern and the channel spread between WGBA and WACY, stations cannot be combined into same antenna.

Primary Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	
	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
	Combiner for Shared Antenna	Combiner for Shared AntennaDo you need a Combiner for a Shared Antenna?TypeNumber of channels supportedFrequencies of channels supportedFrequencyDo you need a combiner output splitter /switcher for dual feed lines?Elbow ComplexDo you require the separate purchase of the Elbow Complex?

	Feed Line Size	8 3/16 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Primary Antenna	Other Antenna Cost Not Listed		
	Name	Description	
	Wisconsin Sales Tax	Wisconsin Sales Tax on Antenna Expenses	

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

Existing Transmission Line Primary Existing Transmission

nissio	n Line Section	Question	Response
	Existing Transmission Line Description	Type of change	Utilize Existing
		Use	Primary (Main)
		Description of Use	N/A
		Ownership	Owned
		Owner	N/A
		Site	N/A
Existing Transmission Line Manufacturer and Type		Is the existing transmission line shared with another station or stations?	No
		Is Transmission Line in operating condition?	Yes
	-	Manufacturer	Dielectric
		Туре	Rigid
		Diameter	8 3/16 inches
		Other Diameter	N/A
		Segment Length	20 inches
		Other Segment Length	N/A
		Number of parallel runs	1
		Length	1080 feet per run

Other Transmission Line Expenses Not Listed Transmission Line Description

ioi	Name	Description
-	Wisconsin Sales Tax	Wisconsin Sales Tax for Transmission Line Expenses
	Misc. Pieces of Transmission Line	Extra pieces of transmission line as necessary to complete connection between new transmitter and antenna.

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

Existing Tower

Primary	Existing Tower			
Tower	Section	Question	Response	
	Existing Tower 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?	Yes	
		Is tower compliant with Rev G?	Yes	
	Existing Tower	Do you have a tower registration number?	Yes	
	Structure Registration	ASR Number	1034782	
	Coordinates (NAD83 (North American Datum	Latitude (NAD83)	44° 21' 30.0" N-	
	of 1983))	Longitude (NAD83)	087° 58' 48.4" W-	
		Overall Structure Height	1055.11 feet	
		Support Structure Height	1051.82 feet	
		Ground Elevation Above Mean Sea Level (AMSL)	990.15 feet	

Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
Tower Owner	Scripps Broadcasting Holdings LLC
Date Constructed	10/01/1983

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	
361	WACY-TV	DTV	

Primary Tower Modification Costs

Tower

Tower

SectionQuestionResponseEngineering StudyPlease what type of engineering study is
required, if any:Study needed
for documented
towerTower ReinforcementsPlease select whether tower reinforcements
are needed:Minor
Reinforcements
needed

Primary Tower Rigging Costs

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

Other Tower Expenses Not Listed

Primary Tower

Name	Description
Structural Analysis	Structural Analysis
Wisconsin Sales Tax	Wisconsin Sale Tax on Tower Expenses
PE Review of Rigging Plan	Professional Engineering review of proposed rigging plan as required by ANSI /ASEE A10.48 and ANSI/TIA 322 standards.

Outside	Section	Question	Response
Professional	Services Costs Outside Project Management Services Outside RF consulting Engineering Services	Do you require outside project management services?	Yes
		Number of Hours	595
		Explanation	Project manager needed to manage all work at transmitter site required to transition to new channel (both the main and interim facilities). With the size of the current engineering staff, WGBA cannot spare personnel to ensure these tasks are completed.
		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	No
	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)	Yes
	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	No

RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	Yes
	Additional Field Engineering Service	Yes
	Number of Days	2
	Justification	Additional days to conduct inventory and create a list of shortages.

Outside	Other Professional Services Expenses Not Listed		
Professiona	I Services Costs	Description	
	Wisconsin Sales Tax	Wisconsin Sales Tax on Professional Services	
	Site Survey	GatesAir performed a site survey to access changes to facility as necessary to transition to new channel including, power and HVAC requirements, available transmitter room space and existing antenna and transmission line RF characteristics at new channel.	

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	No
	Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
		Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
		Does this relocation require Equipment Storage?	No
		Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
		Does this relocation require MVPD Notification of a Channel Change?	Yes

Other Expenses Not Listed

Other Expenses

Name	Description
Land Mobile Notifications	Land Mobile Notifications
Interference Study	Interference Study
Wisconsin Sales Tax	Wisconsin Sales Tax on Other Expenses
Employee Time	Time needed by Scripps corporate and WGBA employees to work on the transition to a new channel.
In-Building Deconstruction	Work necessary to disassemble and remove existing transmitter, beam supplies, step starts, heat exchangers and mask filter.

Transmitters

Cost Information

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

Description Primary	Predetermined Cost Estimate \$1,452,175.75	Estimated Cost \$768,769.45	Estimated Cost Justification	Actual Cost \$385,205.46	Actual Cost Justification
Transmitter ULXTE-30	φ1, 4 52,175.75	<i>\$100,103.</i> 43		4303,203. 40	
Primary Transmitter - Ductwork	\$1,002.25	\$1,002.25	Please see Thompson Sheet Metal Estimate 3890. Cost split with auxiliary transmitter.	\$1,002.25	N/A
Additional field engineering time, 10-30 days	\$63,100.00	\$60,000.00	N/A	\$4,665.28	N/A
Channel 14 Mask Filter	\$189,500.00	\$180,000.00	N/A	\$49,310.58	N/A
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	\$494,500.00	\$315,413.85	***System Notice: Estimate adjusted and locked because line has been superseded.	\$315,413.85	N/A
RF Consulting Engineer	\$5,260.00	\$5,000.00	N/A	\$0.00	N/A

UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	\$684,000.00	\$192,539.85	Please see GatesAir quote Q- 74154 and actual tax on GatesAir invoice US0314086. Station was previously reimbursed for expenses under like- for-like transmitter information.	\$0.00	N/A
Other Electrical Service: Necessary switchgear, transformer installation, conduit, wiring and fuse disconnects as quoted by electrical contractor for main and auxiliary transmitter.	\$14,813.50	\$14,813.50	Please see Estimated Cost Justification WGBA-TV- 110-1st Primary Transmitter - Other Electrical Service v0	\$14,813.50	N/A
Auxiliary Transmitter UAXTE- 2R37	\$326,815.75	\$311,315.75		\$90,541.20	
Channel 14 Mask Filter	\$189,500.00	\$180,000.00	N/A	\$0.00	N/A

Other Electrical Service: Labor to furnish and install conduit and wiring, install new electrical panelboard and breakers, and other electrical work as necessary.	\$10,313.50	\$10,313.50	Please see WGBA-TV Auxiliary Transmitter - Other Electrical Service Budget Revision Justification Letter	\$10,313.50	N/A
Auxiliary Transmitter - Ductwork	\$1,002.25	\$1,002.25	Please see Thompson Sheet Metal Estimate 3890. Cost split with primary transmitter.	\$1,002.25	N/A
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	\$126,000.00	\$120,000.00	N/A	\$79,225.45	N/A
Sub-total	\$1,778,991.50	\$1,080,085.20	N/A	\$475,746.66	N/A
Total for all systems	\$2,887,882.87	\$2,251,223.37	N/A	\$1,244,644.68	N/A

Components

Actual Information Description	File Name	
Primary Transmitter - Ductwork	Component Description:	SEPARATE 2-AIR HANDLERS ADD
	Amount:	DUCT WORK \$1,002.25

Additional field engineering time, 10-30 days	Component Description: Amount:	WGBA-TV-110- 1st Primary Transmitter - Additional Field Engineering Time, 10-30 Days \$4,665.28
Channel 14 Mask Filter	Component Description: Amount:	Mask Filter \$15,579.96
	Component Description: Amount:	Invoice resubmitted with proper categories N/A
	Component Description:	WGBA-TV-110- 1st Primary Transmitter - Channel 14 Mask Filter
	Amount: Component Description: Amount:	\$18,150.65 Mask Filter \$15,579.97

UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	Component Description:	ULXTE-16 Transmitter
	Amount:	\$105,273.44
	Component Description: Amount:	Transmitter \$97,590.16
	Component Description: Amount:	Transmitter \$105,659.84
	Component Description:	WGBA Repack Transmitter Package
	Amount:	\$6,890.41
RF Consulting Engineer	Information not provided.	
UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	Information not provided.	
Other Electrical Service: Necessary switchgear, transformer installation, conduit, wiring and fuse	Component Description:	Furnish and install all necessary conduit
disconnects as quoted by electrical contractor for main and auxiliary transmitter.	Amount:	\$10,313.50
	Component Description: Amount:	PO # 3003027943 \$4,500.00
Channel 14 Mask Filter	Component Description:	Gates air
	Amount:	transmitter \$121,239.83

Other Electrical Service: Labor to furnish and install conduit and wiring, install new electrical panelboard and breakers, and other electrical work as necessary.	Component Description:	WGBA-TV-150- 1st Auxiliary Transmitter - Other Electrical Service	
	Amount:	\$10,313.50	
Auxiliary Transmitter - Ductwork	Component Description:	WGBA-TV1st Auxiliary Transmitter -	
	Amount:	Other - Ductwork \$1,002.25	
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	Component Description:	WGBA Repack	
		Transmitter Package	
	Amount:	\$26,408.48	
	Component Description:	WGBA Repack Transmitter Package	
	Amount:	\$26,408.48	
	Component Description: Amount:	Transmitter \$15,976.59	
	Component Description:	UAX, VAX- INSTALL	
	Amount:	INSTALL \$10,431.90	

Antennas

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		Actual Cost
Description	Cost Estimate	Cost	Justification	Actual Cost	Justification
Primary Antenna TFU-25ETT- R S180	\$285,136.00	\$232,816.90		\$214,934.40	
Wisconsin Sales Tax	\$16,156.00	\$16,156.00	N/A	\$0.00	N/A
Elbow complex, single channel, at antenna input, per 8 3/16. feedline (if needed)	\$15,250.00	\$13,583.00	Per Dielectric Quote 700517CMZ- 1 & Prop Sheet C- 71052-1.	\$12,224.70	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	\$247,000.00	\$196,677.90	Per Estimated Cost Justification WGBA-TV- 210-Primary Antenna - UHF High Power Top Mount, H- POL v0	\$196,309.70	N/A
Sub-total	\$285,136.00	\$232,816.90	N/A	\$214,934.40	N/A
Total for all systems	\$2,887,882.87	\$2,251,223.37	N/A	\$1,244,644.68	N/A

Components

Actual Information Description	File Name	
Wisconsin Sales Tax	Information not provided.	
Elbow complex, single channel, at antenna input, per 8 3/16. feedline (if needed)	Component Description: Amount:	Elbow Complex \$6,112.35
	Component Description:	WGBA-TV-210- Primary Antenna Elbow Complex
	Amount:	\$6,112.35
Sweep test of existing		
antenna	Component Description:	WGBA-TV-210- Primary Antenna Sweep Test
	Amount:	\$2,880.00
	Component Description:	WGBA-TV-210-
		Primary Antenna Sweep Test
	Amount:	\$640.00
	Component Description:	Sweep Test
		•

UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	Component Description:	ANTENNA - HIGH POWER TOP
	Amount:	MOUNT \$83,501.10
	Component Description:	INCLUDES ONE FIELD
		ENGINEER ON-
		SITE FOR ONE
		DAY, TRAVEL,
		EXPENSES AND
		REPORT
	Amount:	\$5,760.00
	Component Description:	ANTENNA - HIGH
		POWER TOP
		MOUNT
	Amount:	\$23,547.50
	Component Description:	Antenna
	Amount:	\$83,501.10

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	Actual Cost Justification
Primary Transmission Line	\$31,500.00	\$31,500.00		\$10,850.13	
Misc. Pieces of Transmission Line	\$30,000.00	\$30,000.00	N/A	\$10,850.13	N/A
Wisconsin Sales Tax	\$1,500.00	\$1,500.00	N/A	\$0.00	N/A
Sub-total	\$31,500.00	\$31,500.00	N/A	\$10,850.13	N/A
Total for all systems	\$2,887,882.87	\$2,251,223.37	N/A	\$1,244,644.68	N/A

Components

Actual Information	
Description	File Name

Misc. Pieces of Transmission Line		
	Component Description:	WGBA-TV-310-
		Primary Transmission Line
		- Misc. Pieces
	Amount:	\$3,435.75
	Amount.	ф 3,43 3.73
	Component Description:	Transmission Line
		pcs
	Amount:	\$3,435.75
	Component Description:	TLSCR 8/75 16
		INCHES WITH
		TUNING KIT
	Amount:	\$2,450.00
	Component Description:	ELBOW ASSY 1 5
		/8 REINFORCED
		ELBOW 6
	Amount:	\$1,528.63
Wisconsin Sales Tax	Information not provided.	

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).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower GTOWER	\$410,725.00	\$504,878.60		\$356,559.73	
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,000.00	N/A	\$7,800.00	N/A
PE Review of Rigging Plan	\$7,500.00	\$7,500.00	N/A	\$0.00	N/A
Wisconsin Sales Tax	\$18,475.00	\$18,475.00	N/A	\$0.00	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	N/A	\$31,856.13	N/A
Structural Analysis	\$3,650.00	\$3,650.00	Please see Warmus and Associates contract CS18-007	\$3,650.00	N/A
Tall Tower (greater than 500')	\$210,500.00	\$313,253.60	see Estimated Cost Justification WGBA-TV- 410- Existing Primary Tower - Tower Rigging, Tall Tower v0	\$313,253.60	N/A

Sub-total	\$410,725.00	\$504,878.60	N/A	\$356,559.73	N/A
Total for all systems	\$2,887,882.87	\$2,251,223.37	N/A	\$1,244,644.68	N/A

Components

Actual Information Description	File Name	
Structural engineering tower load study for well documented tower	Component Description: Amount:	Professional Services \$550.00
	Component Description:	Professional Engineering Services
	Amount:	\$3,500.00
	Component Description: Amount:	Engineering services rendered \$3,750.00
PE Review of Rigging Plan	Information not provided.	
Wisconsin Sales Tax	Information not provided.	
Minor tower reinforcement /modifications	Component Description:	WGBA-TV-410- Existing Primary Tower - Minor Tower Reinforcement /Modifications

Structural Analysis		
	Component Description:	WGBA-TV-410-
		Existing Primary
		Tower - Structural
		Analysis -
		\$3,650.00
	Amount:	\$3,650.00
Tall Tower (greater than		
500')	Component Description:	Professional
		Engineering
		Services
	Amount:	\$313,253.60

Outside Professional Services

Cost Information

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

	_	_	Estimated		
Description	Predetermined Cost Estimate	Estimated Cost	Cost Justification	Actual Cost	Actual Co Justificati
Outside Professional Services	\$167,857.48	\$188,829.78		\$169,170.32	
Project management of the transition	\$94,010.00	\$110,687.10	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$110,687.10	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	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	\$675.00	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,573.54	N/A

Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$14,358.72	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$14,358.72	N/#
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$405.00	N/A
Site Survey	\$18,568.20	\$18,568.20	N/A	\$18,568.20	N//
Wisconsin Sales Tax	\$4,063.00	\$4,063.00	N/A	\$0.00	N//
Additional Field Engineering Service, 2 Days	\$1,556.28	\$1,556.28	Please see WGBA RF Eng - Additional Field Engineering Service Budget Revision Justification Letter	\$1,556.28	N/
RF Exposure Measurements	\$21,050.00	\$20,071.48	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$20,071.48	N/
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$2,000.00	N/A	\$0.00	N/

ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	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	\$0.00	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,275.00	Please see WGBA Engineering STA Budget Justification Cover Lette	\$1,275.00	N/A
Sub-total	\$167,857.48	\$188,829.78	N/A	\$169,170.32	N/A
Total for all systems	\$2,887,882.87	\$2,251,223.37	N/A	\$1,244,644.68	N/A

Components

Actual Information Description	File Name	
Project management of the transition	Component Description: Amount:	Project Management \$2,287.50
	Component Description: Amount:	WGBA-TV-510- Project Management \$1,785.00
	Component Description: Amount:	FCC Repack \$75.00

Component Description: Amount:	Project management \$4,225.60
Component Description: Amount:	Project Management \$3,088.60
Component Description: Amount:	Project management \$8,534.30
Component Description: Amount:	Project Management \$3,099.55
Component Description: Amount:	Project Management \$7,752.80
Component Description: Amount:	Incremental Billing #3 \$1,317.50
Component Description: Amount:	Project management \$5,306.50
Component Description: Amount:	FOR SERVICES RENDERED \$150.00
Component Description: Amount:	Project Management \$2,686.60

Component Description: Project Management \$6,905.15 Amount: **Component Description:** Project Management Amount: \$5,242.45 **Component Description:** Project Management Amount: \$6,596.55 **Component Description:** Project Management Amount: \$5,737.00 **Component Description:** Project Management Amount: \$93.55 **Component Description:** Project Management Amount: \$13.30 **Component Description:** Project Management Amount: \$2,242.90 Project **Component Description:** Management \$5,323.45 Amount: **Component Description:** Project Management \$4,390.80 Amount:

Component Description: Amount:	Project Management \$3,660.80
Component Description: Amount:	Project Management \$5,531.20
Component Description: Amount:	Project Management \$384.05
Component Description: Amount:	Project Management \$4,725.55
Component Description: Amount:	Weekly call & follow up with Warmus / Dielectric \$637.50
Component Description: Amount:	Project Management \$384.95
Component Description: Amount:	Project Management \$2,437.30
Component Description: Amount:	FOR SERVICES RENDERED \$75.00
Component Description: Amount:	Project Management \$3,060.95

	Component Description: Amount:	Project Management \$1,941.45
	Component Description: Amount:	Project Management \$2,645.95
	Component Description: Amount:	PARTS SEARCH & TELEPHONE WORK \$2,040.00
	Component Description: Amount:	Project Management \$1,382.70
	Component Description: Amount:	Project Management \$2,993.90
	Component Description: Amount:	Project Management \$1,931.70
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.	

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Component Description:	Prep of PTA Request and License App applied towards reimbursement under "WGBA-TV- 530-RF Eng - License to Cover Application (Main)" for the total of \$675.00. \$675.00
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description:	WGBA-TV-530-RF Eng - Construction Permit Application (Main)
	Amount:	\$1,498.54
	Component Description:	WLWK-CD-530-RF Eng - Construction Permit Application (Main) \$75.00
Perform engineering study for new channel assignment and antenna development	Component Description:	WGBA-TV-530-RF Eng - Engineering Study for New Channel Assignment
	Amount:	\$675.00
	Component Description: Amount:	387 Form for Station Updates \$720.00

Component Description: Amount:	Professional Engineering Services Rendered \$187.50
Component Description: Amount:	WGBA-TV-530-RF Eng - Engineering Study for New Channel Assignment \$15.00
Component Description: Amount:	WGBA-TV-530-RF Eng - Engineering Study for New Channel Assignment \$375.00
Component Description:	"Engineering services rendered October, November, December, 2017, and January, 2018," \$2,800.00
Component Description: Amount:	Repack Conference Call - Status Update \$1,537.50
Component Description: Amount:	Engineering Services Rendered \$3,412.50
Component Description: Amount:	Repack Status Calls & Dielectric Call \$1,507.50

Component Description: Amount:	WMAR Repack Conference Call /Status Discussion \$45.00
Component Description: Amount:	Professional Engineering Services \$187.50
Component Description: Amount:	Repack Conference Calls /Status Discussions \$60.00
Component Description: Amount:	Engineering review letter \$750.00
Component Description: Amount:	Engineering Review Letter \$750.00
Component Description: Amount:	Professional Engineering Services Rendered \$83.32
Component Description:	WACY - Calls w/ Repack Team, Info Gathering on Station, Coverage Maps
Amount:	\$345.00

	Component Description: Amount:	WGBA-TV-530-RF Eng - Engineering Study for New Channel Assignment \$907.90
Prepare and or review reimbursement form	Component Description: Amount:	Required Revisions \$75.00
	Component Description: Amount:	WLWK-CD-590- Prepare and/or Review Reimbursement Form \$330.00
Site Survey		
	Component Description:	FIELD SERVICE, TV
	Amount:	\$18,568.20
Wisconsin Sales Tax	Information not provided.	
Additional Field Engineering Service, 2 Days	Component Description:	WGBA-TV-580-RF Eng - Additional Field Engineering
	Amount:	\$1,556.28
RF Exposure Measurements	Component Description: Amount:	Incremental Billing #4 \$14,709.45
	Component Description:	Gather measurements at top of tower
	Amount:	\$5,362.03

	FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	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	Information not provided.	
	Prepare request for Special Temporary Authorization	Component Description: Amount:	FCC Repack \$1,275.00

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	\$213,672.89	\$213,112.89		\$17,383.44	
Interference Study	\$3,877.69	\$3,877.69	Please see Estimated Cost Justification WGBA-TV- 610- Interference Study v0	\$3,877.69	N/A
Land Mobile Notifications	\$3,277.60	\$3,277.60	Please see WGBA-TV DTV Notifications Estimate EST-001014	\$3,277.60	N/A
MVPD Notification of Channel Change	\$2,500.00	\$2,500.00	N/A	\$2,281.66	N/A
Develop and air announcement of upcoming channel change	\$5,000.00	\$5,000.00	N/A	\$0.00	N/A
Equipment Delivery and Handling Charges	\$6,500.00	\$6,500.00	N/A	\$3,266.53	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$25,000.00	\$25,000.00	N/A	\$0.00	N/A

Non-zoning permits \$25,000.00 \$25,000.00 N/A \$1,190.00 N/A Local Zoning \$25,000.00 \$25,000.00 N/A \$809.06 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 \$11,000.00 N/A \$2,680.90 N/A In-Building Deconstruction \$25,000.00 \$25,000.00 N/A \$0.00 N/A Kisconsin Sales Tax \$3,375.00 \$3,375.00 N/A \$0.00 N/A Sub-total \$2,887,882.87 \$2,251,223.37 N/A \$1,244,644.68 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 \$11,000.00 N/A \$2,680.90 N/A In-Building Deconstruction \$11,550.00 \$11,000.00 N/A \$2,680.90 N/A In-Building Deconstruction \$25,000.00 \$25,000.00 N/A \$0.00 N/A Employee Time \$77,257.60 \$77,257.60 \$1/A \$0.00 N/A Wisconsin Sales Tax \$213,672.89 \$213,112.89 N/A \$17,383.44 N/A Total for all \$2,887,882.87 \$2,251,223.37 N/A \$1,244,644.68 N/A	-	\$25,000.00	\$25,000.00	N/A	\$1,190.00	N/A
Fees - Form 2100 license volume vo	Local Zoning	\$25,000.00	\$25,000.00	N/A	\$809.06	N/A
Facility Notification Section In-Building Deconstruction \$25,000.00 \$25,000.00 N/A \$0.00 N/A Employee Time \$77,257.60 \$77,257.60 N/A \$0.00 N/A Wisconsin Sales Tax \$3,375.00 \$3,375.00 N/A \$0.00 N/A Sub-total \$213,672.89 \$213,112.89 N/A \$17,383.44 N/A Total for all \$2,887,882.87 \$2,251,223.37 N/A \$1,244,644.68 N/A	Fees - Form 2100 license to cover	\$335.00	\$325.00	N/A	\$0.00	N/A
Deconstruction \$77,257.60 \$77,257.60 \$77,257.60 \$1/A \$0.00 \$1/A Employee Time \$3,375.00 \$3,375.00 \$3,375.00 \$1/A \$0.00 \$1/A Wisconsin Sales Tax \$213,672.89 \$213,112.89 \$1/A \$17,383.44 \$1/A Total for all \$2,887,882.87 \$2,251,223.37 \$1/A \$1,244,644.68 \$1/A	Facility	\$11,550.00	\$11,000.00	N/A	\$2,680.90	N/A
Time \$3,375.00 \$3,375.00 \$1,244,644.68 \$1/A Wisconsin Sales Tax \$2,887,882.87 \$2,251,223.37 \$1/A \$1,244,644.68 \$1/A	-	\$25,000.00	\$25,000.00	N/A	\$0.00	N/A
Sales Tax Sales Tax Sub-total \$213,672.89 \$213,112.89 N/A \$17,383.44 N/A Total for all \$2,887,882.87 \$2,251,223.37 N/A \$1,244,644.68 N/A		\$77,257.60	\$77,257.60	N/A	\$0.00	N/A
Total for all \$2,887,882.87 \$2,251,223.37 N/A \$1,244,644.68 N/A		\$3,375.00	\$3,375.00	N/A	\$0.00	N/A
	Sub-total	\$213,672.89	\$213,112.89	N/A	\$17,383.44	N/A
		\$2,887,882.87	\$2,251,223.37	N/A	\$1,244,644.68	N/A

Components

Actual Information Description	File Name	
Interference Study	Component Description: Amount:	Interference Study \$3,877.69
Land Mobile Notifications	Component Description: Amount:	WGBA-TV-610- Land Mobile Notifications \$3,277.60

MVPD Notification of Channel Change	Component Description:	MVPD Notificatio Services
	Amount:	\$2,281.66
Develop and air announcement of upcoming channel change	Information not provided.	
Equipment Delivery and Handling Charges	Component Description:	19' ELECT SCISSORLIFT
	Amount:	\$3,266.53
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.	
Non-zoning permits		
	Component Description:	WGBA-TV-610- Non-Zoning Permits
	Amount:	\$1,190.00
Local Zoning		
	Component Description:	WGBA-TV-610- Local Zoning
	Amount:	\$809.06
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
DTV Medical Facility Notification	Component Description:	DTV Notification Service
	Amount:	\$2,680.90
In-Building Deconstruction	Information not provided.	
Employee Time	Information not provided.	
Wisconsin Sales Tax	Information not provided.	

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$2,887,882.87	\$2,251,223.37	\$1,244,644.68

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

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.	
		 The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 	
		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).
- 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.	Sravan V Reddy , Reddy . Senior Director, General Accounting

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISIONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).	
		 The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 	
		2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.	
		3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.	

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

8	 The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission. 	
9	• The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.	
an ai name	lare, under penalty of perjury, that I am uthorized representative of the above- ed applicant for the Authorization(s) ified above.	Sravan V Reddy , Reddy . Senior Director, General Accounting
		09/22/2021

Attachments