

(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Channel: 14 (UHF) Service: DTV Call WGBA-TV Facility Sign:

ID:

File 0000027244

Number:

FRN: **0002710192** Date 06/01

> Submitted: /2021

#### **Applicant** Information

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

#### **Preparer Contact Name and 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 Information and Transition Plan

Question	Response
Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	No
Briefly describe transition plan	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 Transmitter

#### **Add Transmitter Information**

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

# Auxiliary Transmitter

#### **New Transmitter Costs**

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 Transmitter

#### **Other Transmitter Costs**

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

	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 an 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

# Auxiliary Transmitter

#### **Other Transmitter Cost Not Listed**

Name	Description
Auxiliary Transmitter - Ductwork	Auxiliary Transmitter - Ductwork required to connect HVAC system to new transmitters.  Cost split with primary and auxiliary transmitters.

# 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	CD-3260P2
	Year	2004
	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	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 Transmitter

# **Other Transmitter Costs**

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

	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	Necessary switchgear transforme installation conduit, wiring and fuse disconnece as quoted by electrica 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

# Primary Transmitter

#### **Other Transmitter Cost Not Listed**

Name	Description
Primary Transmitter - Ductwork	Primary Transmitter - Ductwork required to connect HVAC system to new transmitters.  Cost split with primary and auxiliary transmitters.

#### **Antennas**

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

#### **Existing Antenna Information**

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	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

#### **New Antenna Costs**

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

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.

#### **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

	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

#### **Other Antenna Cost Not Listed**

Name	Description	
Wisconsin Sales Tax	Wisconsin Sales Tax on Antenna Expenses	

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

# Primary Transmission

# **Existing Transmission 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
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission	Manufacturer	Dielectric
Line Manufacturer and Type	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

# Primary Transmission

# Other Transmission Line Expenses Not Listed

n Laine	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 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	Type of change	Modify Existing
Description	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	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 (	Latitude (NAD83)	44° 21' 30.0" N-
North American Datum 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

#### **Tower Modification Costs**

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

#### Primary Tower

#### **Tower Rigging Costs**

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

# Primary Tower

# Other Tower Expenses Not Listed

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

Outside Professional

Section	Question	Response
Services Costs Outside Project Management 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.
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No

For Main Facility	Yes
Prepare request for Special Temporary Authority	Yes
Quantity	1
Do you have Distributed Transmission System engineering services?	N/A
Critical Facility	N/A
Terrain-Shielded Facility	N/A
Prepare and file Form FCC Construction Permit Application	Yes
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

Attorney and Other Outside Consulting

Services

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 Professional

# Other Professional Services Expenses Not Listed

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 Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	Yes
	Non-zoning permits	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

# Other Expenses Not Listed

Name	Description
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.
Land Mobile Notifications	Land Mobile Notifications
Interference Study	Interference Study
Wisconsin Sales Tax	Wisconsin Sales Tax on Other Expenses

# **Cost Information**

#### **Transmitters**

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter ULXTE-30	\$1,452,175.75	\$768,769.45		\$385,205.46	
Channel 14 Mask Filter	\$189,500.00	\$180,000.00	N/A	\$49,310.58	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.	N/A	N/A
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

Other Electrical Service: Necessary switchgear, transformer installation, conduit, wiring and fuse disconnects as quoted by electrical contractor for main and	\$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.					
RF Consulting Engineer	\$5,260.00	\$5,000.00	N/A	\$0.00	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
Auxiliary Transmitter UAXTE- 2R37	\$326,815.75	\$311,315.75		\$90,541.20	

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
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	\$126,000.00	\$120,000.00	N/A	\$79,225.45	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
Channel 14 Mask Filter	\$189,500.00	\$180,000.00	N/A	\$0.00	N/A
Sub-total	\$1,778,991.50	\$1,080,085.20	N/A	\$475,746.66	N/A
Total for all systems	\$2,896,665.18	\$2,248,993.58	N/A	\$1,227,922.34	N/A

# Components

<b>Actual Information</b>		
Description	File Name	

Channel 14 Mask Filter		
Charmer 14 Wask Filter	Component Description:	Mask Filter
	Amount:	\$15,579.97
	Component Description:	WGBA-TV-110-
		1st Primary Transmitter -
		Channel 14 Mask
		Filter
	Amount:	\$18,150.65
	Component Description:	Mask Filter
	Amount:	\$15,579.96
	Component Description:	Invoice
		resubmitted with proper categories
	Amount:	N/A
UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	Information not provided.	
Primary Transmitter -		
Ductwork	Component Description:	SEPARATE 2-AIR HANDLERS ADD DUCT WORK
	Amount:	\$1,002.25
Additional field engineering		
time, 10-30 days	Component Description:	WGBA-TV-110-
		1st Primary Transmitter -
		Additional Field
		Additional Field
		Engineering Time, 10-30 Days

Other Electrical Service: Necessary switchgear, transformer installation, conduit, wiring and fuse disconnects as quoted by electrical contractor for main and auxiliary transmitter.	Component Description: Amount:	Furnish and install all necessary conduit \$10,313.50
	Component Description: Amount:	PO # 3003027943 \$4,500.00
RF Consulting Engineer	Information not provided.	
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	Component Description: Amount:	Transmitter \$105,659.84
	Component Description: Amount:	Transmitter \$97,590.16
	Component Description: Amount:	ULXTE-16 Transmitter \$105,273.44
	Component Description:	WGBA Repack Transmitter Package
	Amount:	\$6,890.41
Other Electrical Service: Labor to furnish and install conduit and wiring, install new electrical panelboard and breakers, and other	Component Description:	WGBA-TV-150- 1st Auxiliary Transmitter -
electrical work as necessary.	Amount:	Other Electrical Service \$10,313.50

UHF - Air Cooled Solid Stat Transmitter 1 - 2.5 kW	е	
Tansiiillei T - Z.3 KVV	Component Description:	WGBA Repack
		Transmitter
		Package
	Amount:	\$26,408.48
	Component Description:	Transmitter
	Amount:	\$15,976.59
	Component Description:	UAX, VAX-
		INSTALL
	Amount:	\$10,431.90
	Component Description:	WGBA Repack
		Transmitter
		Package
	Amount:	\$26,408.48
Auxiliary Transmitter - Ductwork		
	Component Description:	WGBA-TV1st
		Auxiliary
		Transmitter - Other - Ductwork
	Amount:	\$1,002.25
	Amount.	ψ1,002.20
Channel 14 Mask Filter		
	Component Description:	Gates air
		transmitter
	Amount:	\$121,239.83

# **Cost** Information

#### **Antennas**

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Antenna 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
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
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
Sub-total	\$285,136.00	\$232,816.90	N/A	\$214,934.40	N/A
Total for all systems	\$2,896,665.18	\$2,248,993.58	N/A	\$1,227,922.34	N/A

# Components

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:  Amount:	WGBA-TV-210- Primary Antenna Elbow Complex \$6,112.35
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	Component Description:	ANTENNA - HIG POWER TOP MOUNT
	Amount:	\$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 - HIG POWER TOP MOUNT
	Amount:	\$23,547.50
	Component Description:	Antenna
	Amount:	\$83,501.10

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 **Amount:** \$2,880.00

# **Cost** Information

#### **Transmission Line**

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmission Line	\$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	\$2,896,665.18	\$2,248,993.58	N/A	\$1,227,922.34	N/A

#### Components

Actual Information	
Description	File Name

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

## **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 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	\$2,896,665.18	\$2,248,993.58	N/A	\$1,227,922.34	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:  Amount:	WGBA-TV-410- Existing Primary Tower - Minor Tower Reinforcement /Modifications \$31,856.13

		\A(OD A T\ / 440
	Component Description:	WGBA-TV-410-
		Existing Primary
		Tower - Structura
		Analysis -
		\$3,650.00
	Amount:	\$3,650.00
Tall Tower (greater than		
500')	Commonant Description	Drefessional
	Component Description:	Professional
		Engineering
		Services
	Amount:	\$313,253.60

### **Cost** Information

#### **Outside Professional Services**

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

			Fatimeted		
Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Co Justificati
Outside Professional Services	\$167,857.48	\$177,817.68		\$156,325.67	
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/A
Site Survey	\$18,568.20	\$18,568.20	N/A	\$18,568.20	N/A
Wisconsin Sales Tax	\$4,063.00	\$4,063.00	N/A	\$0.00	N/A
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/A
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/A

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/A
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
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 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
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
Project management of the transition	\$94,010.00	\$99,675.00	Widelity Strategic Support Quote	\$97,842.45	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$405.00	N/A
Sub-total	\$167,857.48	\$177,817.68	N/A	\$156,325.67	N/A
Total for all systems	\$2,896,665.18	\$2,248,993.58	N/A	\$1,227,922.34	N/A

### Components

Actual Information Description	File Name	
Perform engineering study for new channel assignment and antenna development	Component Description:	WGBA-TV-530-RF Eng - Engineering Study for New Channel
	Amount:	Assignment \$675.00
	Component Description:	387 Form for Station Updates
	Amount:	\$720.00
	Component Description:	Professional Engineering Services Rendered
	Amount:	\$187.50

Component Description: WGBA-TV-530-RF

Eng - Engineering Study for New Channel

Assignment

**Amount:** \$15.00

Component Description: WGBA-TV-530-RF

Eng - Engineering Study for New Channel Assignment

**Amount:** \$375.00

Component Description: "Engineering

services rendered

October, November,

December, 2017, and January, 2018,"

**Amount:** \$2,800.00

Component Description: Engineering

Review Letter

**Amount:** \$750.00

Component Description: Repack

Conference Call -Status Update

**Amount:** \$1,537.50

Component Description: Engineering

Services Rendered

**Amount:** \$3,412.50

Component Description: Repack Status

Calls & Dielectric

Call

**Amount:** \$1,507.50

**Component Description:** WMAR Repack

Conference Call

/Status Discussion

Amount: \$45.00

**Component Description:** Repack

Conference Calls

/Status Discussions

Amount: \$60.00

**Component Description:** WACY - Calls w/

Repack Team, Info

Gathering on Station, Coverage

Maps

Amount: \$345.00

**Component Description:** Professional

Engineering

Services Rendered

\$83.32 Amount:

**Component Description:** Engineering review

letter

Amount: \$750.00

**Component Description:** WGBA-TV-530-RF

> Eng - Engineering Study for New

Channel

Assignment

Amount: \$907.90

**Component Description:** Professional

Engineering

Services

Amount: \$187.50

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:  Amount:	WGBA-TV-580-RF Eng - Additional Field Engineering \$1,556.28
RF Exposure		
Measurements	Component Description:	Incremental Billing #4
	Amount:	\$14,709.45
	Component Description:  Amount:	Gather measurements at top of tower \$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.	
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.	

Special Temporary Authorization	Component Description: Amount:	FCC Repack \$1,275.00
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Component Description:  Amount:	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.
Dunana annina arian		
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)
	Amount:	\$75.00
Project management of the transition	Component Description:	FOR SERVICES
	Component Description.	RENDERED
	Amount:	\$75.00
	Component Description:	WGBA-TV-510-
	Component Description.	Project

Component Description: FCC Repack

**Amount:** \$75.00

**Component Description:** Project

management

**Amount:** \$4,225.60

Component Description: Project

management

**Amount:** \$8,534.30

Component Description: Project

Management

**Amount:** \$7,752.80

Component Description: Incremental Billing

#3

**Amount:** \$1,317.50

Component Description: Project

management

**Amount:** \$5,306.50

Component Description: FOR SERVICES

RENDERED

**Amount:** \$150.00

Component Description: Project

Management

**Amount:** \$2,686.60

Component Description: Project

Management

**Amount:** \$6,905.15

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

Component Description: Project

Management

**Amount:** \$5,323.45

Component Description: Project

Management

**Amount:** \$5,242.45

Component Description: Project

Management

**Amount:** \$384.95

Component Description: Project

Management

**Amount:** \$384.05

**Component Description:** Project

Management

Amount:

\$4,725.55

Component Description: W

Weekly call & follow up with

Warmus / Dielectric

Amount:

\$637.50

**Component Description:** 

Project

Amount:

Management \$1,382.70

**Component Description:** 

Project

Amount:

Management \$3,660.80

**Component Description:** 

Project

Management \$2,993.90

Component Description:

Project

Amount:

Amount:

Management

\$1,941.45

**Component Description:** 

Project

Management

Amount:

\$2,645.95

**Component Description:** 

Project

Amount:

Amount:

Management \$3,060.95

**Component Description:** 

Project

Management

\$4,390.80

**Component Description:** Project Management \$5,531.20 Amount: **Component Description:** PARTS SEARCH & **TELEPHONE** WORK Amount: \$2,040.00 Prepare and or review reimbursement form **Component Description:** Required Revisions Amount: \$75.00 **Component Description:** WLWK-CD-590-Prepare and/or Review Reimbursement Form Amount: \$330.00

# **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 Cost Justification
Other Expenses	\$222,455.20	\$221,895.20		\$13,505.75	
Interference Study	\$12,660.00	\$12,660.00	Please see WGBA-TV BAYCOM Invoice #PB1032 & Proposal. pdf	N/A	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
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$2,680.90	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	\$0.00	N/A
Local Zoning	\$25,000.00	\$25,000.00	N/A	\$809.06	N/A
Non-zoning permits	\$25,000.00	\$25,000.00	N/A	\$1,190.00	N/A
Equipment Delivery and Handling Charges	\$6,500.00	\$6,500.00	N/A	\$3,266.53	N/A

Develop and air announcement of upcoming channel change	\$5,000.00	\$5,000.00	N/A	\$0.00	N/A
MVPD Notification of Channel Change	\$2,500.00	\$2,500.00	N/A	\$2,281.66	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
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
In-Building Deconstruction	\$25,000.00	\$25,000.00	N/A	\$0.00	N/A
Sub-total	\$222,455.20	\$221,895.20	N/A	\$13,505.75	N/A
Total for all systems	\$2,896,665.18	\$2,248,993.58	N/A	\$1,227,922.34	N/A

### Components

Actual Information Description	File Name	
Interference Study	Information not provided.	
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.	
DTV Medical Facility Notification	Component Description: Amount:	DTV Notification Service \$2,680.90

FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
Local Zoning		
	Component Description:	WGBA-TV-610- Local Zoning
	Amount:	\$809.06
Non-zoning permits		
	Component Description:	WGBA-TV-610-
	·	Non-Zoning
		Permits
	Amount:	\$1,190.00
Equipment Delivery and		
Handling Charges	Component Description:	19' ELECT
		SCISSORLIFT
	Amount:	\$3,266.53
Develop and air announcement of upcoming channel change	Information not provided.	
MVPD Notification of Channel Change		
Sharmor Sharige	Component Description:	MVPD Notification
	Amount:	Services \$2,281.66
	Amount:	\$2,281.00
Land Mobile Notifications		
Land Mobile Notifications	Component Description:	WGBA-TV-610-
Land Mobile Notifications	Component Description:	WGBA-TV-610- Land Mobile
Land Mobile Notifications		Land Mobile Notifications
Land Mobile Notifications	Component Description: Amount:	Land Mobile
Land Mobile Notifications  Employee Time		Land Mobile Notifications
	Amount:	Land Mobile Notifications

# Cost Information

#### **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$2,896,665.18	\$2,248,993.58	\$1,227,922.34

Reimbursem	envestiatus	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

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. Sravan V
Reddy ,
Reddy .
Senior
Director,
General
Accounting

06/01/2021

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. Sravan V
Reddy ,
Reddy .
Senior
Director,
General
Accounting

06/01/2021

#### **Attachments**