

(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility 65696 Service: DTV Call WBAL-TV Channel:

ID: Sign: 12 (High VHF) File 0000026833

000002003

Number:

FRN: **0003792926** Date **03/28** 

Submitted: /2019

# Applicant Information

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

Applicant	Address	Phone	Email	Applicant Type
WBAL HEARST TELEVISION INC. Doing Business As: WBAL HEARST TELEVISION INC.	P.O. BOX 1800 RALEIGH, NC 27602 United States	+1 (919) 839- 0300	mprak@brookspierce. com	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

The Preparer is same as the reimbursement contact.

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	see attached document

#### **Transmitters**

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

# Auxiliary Transmitter

# **Existing Transmitter Information**

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Auxiliary transmitter
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter	Manufacturer	
Manufacturer and Type	Model	TTP60M
	Year	1998
	Туре	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	3.5 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	VAXTE-6R44
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	4.8 kW
	Justification for New Transmitter	Original transmitter manufacturer no long in business. See attached transmitter statement.

# Auxiliary Transmitter

#### **Other Transmitter Costs**

ance (3 phases 800A 208V) industrial 800 amp) (480V)	No No No
· ·	
(480V)	No
(1331)	
	N/A
it and Wiring	Yes
	2 inches
	250.0 feet

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

#### Auxiliary Transmitter

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

Name	Description
Electrical Accessories	manufacturer required surge protection
Shipping	transmitter shipping
RF Accessories	Additional RF components required for transmitter operation and integration into current RF environment.
Sales Tax	transmitter sales tax

# 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	TTP60M
	Year	1998
	Туре	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	3.5 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?	No
	Manufacturer	
	Model	VAXTE-6R44
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	4.8 kW
	Justification for New Transmitter	Original transmitter manufacturer no long in business. See attached transmitter statement.

#### 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	Yes
	Size	2 inches
	Length	250.0 feet

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

#### Primary Transmitter

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

Name	Description
Sales Tax	transmitter sales tax
Shipping	transmitter shipping
Electrical Accessories	Manufacturer required surge protection
RF Accessories	Additional RF components required for transmitter operation and integration into current RF environment.

#### **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	Auxiliary (Backup)
	Description of Use	backup to main antenna
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	No
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	Yes
Existing Antenna	Class	Full Power
Manufacturer and Type	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Other
	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	batwing
	ERP: (Effective Radiated Power)	12.6 kW

Manufacturer	
Model	TF4-AH
Year	1999

#### **New Antenna Costs**

Section	Question	Response
New Antenna Description	Use	Auxiliary (Backup)
	Description of Use	backup to main antenna
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	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?	Yes
New Antenna	Class	Full Power
Manufacturer and Types	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Broadband Slot
	Number of Stations Supported	1
	Number of Panels/Bays	4
	Lower Limit	174.00 MHz
	Upper Limit	216.00 MHz
	Design power capacity in use	70.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	12.6 kW
	Manufacturer	

Model	TLS-V4
Year	2019
Justification for New Antenna	Changing from channel 11 to 12, current antenna will not work on new channel assignment.

#### **Other Antenna Costs**

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Туре	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	6 1/8 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	Yes
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No

Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes
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#### **Other Antenna Cost Not Listed**

Name	Description
Additional RF components	additional RF items required for operation
Shipping	estimated antenna shipping (not quoted)
Sales Tax	antenna sales tax

#### **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?	No
	Is the existing antenna directional?	No
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	Yes
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Bottom
	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)	26.6 kW

Manufacturer	
Model	TW-9B11-R (S)
Year	1999

#### **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?	No
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna	Class	Full Power
Manufacturer and Types	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Circular
	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)	26.6 kW
	Manufacturer	

Model	THV-9A12 /CPR O4
Year	2019
Justification for New Antenna	Current antenna is channel specific and cannot be used on post- transition channel. Antenna must be replaced. Quotes for this and equivalent antenna attached.

#### **Other Antenna Costs**

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Туре	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	6 1/8 inches inches

Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No
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
Antenna Obstruction Light	Replacement AOL for main antenna
Shipping	antenna shipping
Sales Tax	antenna sales tax
Feed through components	REQUIRED 6-75 ELBOWS, CUT LENGTHS AND HANGERS TO ROUTE LINE FROM ANTENNA INPUT THROUGH SUPPORT STRUCTURE

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	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1250 feet per run

#### Primary Transmissio

# Other Transmission Line Expenses Not Listed

on Line Name	Description
Miscellaneous TL parts	replace frequency specific components in transmission line

#### Auxiliary Transmissio

#### **Existing Transmission Line**

Section	Question	Response
Existing Transmission Line Description	Type of change	Utilize Existing
	Use	Auxiliary (Backup)
	Description of Use	line to aux
	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	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1026 feet per run

# Auxiliary Transmission

# Other Transmission Line Expenses Not Listed

n Laine	Description
RF Components	RF Components required to complete connection to repack transmitter and line refurb parts.

# 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**

Description  To  De  Ow  Is t  sta  On  bro  Oth  Is t	wer Use scription of Use vnership this tower consider Complex? this tower currently shared with any other tions? e or more FM, AM or TV radio	Modify Existing Primary (Main) N/A Leased Candelabra Yes
De Ow Is to star on brown of the Is to Is	scription of Use  /nership  this tower consider Complex?  this tower currently shared with any other tions?	N/A Leased Candelabra
Owe Is to State Is	his tower consider Complex? his tower currently shared with any other tions?	Leased Candelabra
Is to start the start that the start	this tower consider Complex? this tower currently shared with any other tions?	Candelabra
Is to star on brown of the star of the sta	his tower currently shared with any other tions?	
On bro	tions?	Yes
Oth Is t	e or more FM, AM or TV radio	
Is t	padcaster(s)	Yes
Is t	ners Types of Users	Yes
	ower documented for structural analysis?	Yes
Existing Tower Do	ower compliant with Rev G?	No
_	you have a tower registration number?	Yes
Structure Registration AS	R Number	1035558
500000000000000000000000000000000000000	titude (NAD83)	39° 20' 05.0" N-
of 1983))	ngitude (NAD83)	076° 39' 02.0" W-
Ov	erall Structure Height	997.36 feet
Su	pport Structure Height	889.10 feet
Gro (Al	ound Elevation Above Mean Sea Level	318.24 feet

Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
Tower Owner	Television Tower Inc
Date Constructed	08/26/1964

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
59442	WMAR-TV	DTV
28637	WLIF	FM
25455	WJZ-TV	DTV
1916	WJZ-FM	FM
74196	WWMX	FM
65693	WIYY	FM

#### Other Types of Users

Users
W291BA FM Txltr
W248AO FM Txltr

#### 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 Major are needed: Reinforcement needed
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# Primary Tower

# **Tower Rigging Costs**

Section	Question	Response
Tower Rigging Costs	Complex Tower	Candelabra
Helicopter Services Required	Are helicopter services required?	Yes

# Primary Tower

# Other Tower Expenses Not Listed

Name	Description	
Tower Consulting	Tower consulting and tower project management	

#### Outside Professional

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	No
	Number of Hours	N/A
	Explanation	N/A
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	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	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	Yes	
	Quantity	1	
	NEPA Section 106 environmental review	No	
	Environmental Assessment	No	
	ASR Modification	No	
	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	No	
	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

al	Services Costs	Description	
	Transmitter Site Survey	Transmitter planning survey & transmitter building drawings	
	Non-Catalog legal expenses	Non-Catalog expenses for legal advice and services, including financial/reimbursement review, transition reporting, transition procedures, and other transition-related issues	

# 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	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?	No
	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 Not Listed

**Expenses** Information not provided.

# **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 VAXTE- 6R44	\$186,256.15	\$186,006.15		\$162,924.54	
RF Accessories	\$29,243.48	\$29,243.48	Additional RF components required for transmitter operation and integration into current RF environment.	\$26,383.76	N/A
Electrical Accessories	\$1,942.49	\$1,942.49	Manufacturer required surge protection	\$1,942.49	N/A
Shipping	\$4,500.00	\$4,500.00	transmitter shipping per attached GatesAir quote	N/A	N/A
Sales Tax	\$10,542.29	\$10,542.29	sales tax per attached GatesAir quote	\$9,222.14	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$6,500.00	\$6,250.00	N/A	N/A	N/A

High VHF - Air Cooled Solid State Transmitter 4.8 kW	\$133,527.89	\$133,527.89	GatesAir quote sections A, B & E. This is the transmitter, mask filter, installation and proof per the FCC "transmitter" definition.	\$125,376.15	N/A
Auxiliary Transmitter VAXTE- 6R44	\$160,483.06	\$160,233.06		\$115,572.03	
Sales Tax	\$8,991.97	\$8,991.97	transmitter sales tax per attached GatesAir quote	N/A	N/A
RF Accessories	\$4,532.93	\$4,532.93	Additional RF components required for transmitter operation and integration into current RF environment.	N/A	N/#
Shipping	\$4,500.00	\$4,500.00	transmitter shipping per attached GatesAir quote	N/A	N/A
Electrical Accessories	\$1,942.49	\$1,942.49	Manufacturer required surge protection	N/A	N/A

2" Rigid Conduit and Wiring (Cost per foot)	\$6,500.00	\$6,250.00	N/A	N/A	N/A
High VHF - Air Cooled Solid State Transmitter 4.8 kW	\$134,015.67	\$134,015.67	GatesAir quote sections A, B & E. This is the transmitter, mask filter, installation and proof per the FCC "transmitter" definition.	\$115,572.03	N/A
Sub-total	\$346,739.21	\$346,239.21	N/A	\$278,496.57	N/A
Total for all systems	\$1,911,548.58	\$1,853,149.58	N/A	\$748,533.86	N/A

# Components

Actual Information Description	File Name	
RF Accessories		
	Component Description:	WBAL main transmitter RF accessories
	Amount:	\$26,383.76
Electrical Accessories		
	Component Description:	WBAL transmitter electrical surge protector
	Amount:	\$1,942.49
Shipping	Information not provided.	

Sales Tax		
	Component Description:	WBAL main transmitter sales
		tax
	Amount:	\$9,222.14
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	
High VHF - Air Cooled Solid State Transmitter 4.8 kW		
Otato Tranomitor 1.0 kw	Component Description:	Main transmitter
	Amount:	2nd deposit \$88,062.62
	Component Description:	WBAL main
		transmitter
		payment 3 prior to ship
	Amount:	\$19,668.86
	Component Description:	Main transmitter
	Amazonto	1st deposit
	Amount:	\$17,644.67
Sales Tax	Information not provided.	
	Information not provided.	
RF Accessories		
	Information not provided.	
RF Accessories Shipping Electrical Accessories	Information not provided.  Information not provided.	

High VHF - Air Cooled Solid State Transmitter 4.8 kW

Component Description: WBAL aux

transmitter

payment 3 prior to

ship

**Amount:** \$12,459.53

Component Description: Aux transmitter

1st deposit

**Amount:** \$15,049.88

Component Description: Aux transmitter

2nd deposit

**Amount:** \$88,062.62

# **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 THV-9A12 /CPR O4	\$348,564.00	\$342,519.00		\$255,684.46	
Feed through components	\$15,053.00	\$15,053.00	REQUIRED 6-75 ELBOWS, CUT LENGTHS AND HANGERS TO ROUTE LINE FROM ANTENNA INPUT THROUGH SUPPORT STRUCTURE - see quote	\$6,773.85	N/A
Sales Tax	\$19,794.00	\$19,794.00	estimated antenna sales tax based on Maryland state and local sales tax rate of 6%	N/A	N/A
Shipping	\$7,180.00	\$7,180.00	antenna shipping	\$3,231.00	N/A
Antenna Obstruction Light	\$2,400.00	\$2,400.00	Obstruction lighting needed for antenna	\$2,342.96	N/A

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$6,585.00	see quote	\$2,963.25	N/A
High VHF - High Power Top Mount One Station elliptically or circularly polarized	\$285,107.00	\$285,107.00	antenna cost per attached Dielectric quote	\$234,908.10	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$5,465.30	N/A
Auxiliary Antenna TLS-V4	\$93,798.87	\$76,764.87		\$61,463.18	
Sales Tax	\$3,737.00	\$3,737.00	estimated antenna sales tax based on Maryland state and local sales tax rate of 6%	N/A	N/A
Shipping	\$1,693.00	\$1,693.00	shipping per attached Dielectric quote	\$0.00	N/A
Additional RF components	\$9,628.87	\$9,628.87	required RF components Items 4-8 on attached Dielectric	\$0.00	N/A

Total for all systems	\$1,911,548.58	\$1,853,149.58	N/A	\$748,533.86	N/A
Sub-total	\$442,362.87	\$419,283.87	N/A	\$317,147.64	N/A
High VHF - High Power Side Mount One Station horizontally polarized	\$36,560.00	\$36,560.00	antenna price per attached Dielectric quote	\$58,877.88	Progress payments - accessories not itemized
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$2,585.30	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$10,984.00	N/A	\$0.00	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$7,762.00	N/A	\$0.00	N/A

Actual Information Description	File Name	
Feed through components		
	Component Description:	WBAL main
		antenna feed
		through
		components
	Amount:	\$6,773.85

Sales Tax	Information not provided.	
Shipping		
	Component Description:	WBAL shipping
	Amount:	\$3,231.00
		**, **
Antenna Obstruction Light		
	Component Description:	WBAL Antenna
		Obstruction Light -
		main antenna
	Amount:	\$2,342.96
Elbow complex, single channel, at antenna input,		
per 6 1/8. feedline (if	Component Description:	WBAL elbow
needed)		complex
,	Amount:	\$2,963.25
High VHF - High Power		
Top Mount One Station	Component Description:	WBAL main
elliptically or circularly		antenna payment 2
polarized	Amount:	\$109,530.00
	Component Description:	Dielectric WBAL
		Main Antenna,
		progress payments
		1&2 - 45%. This
		contains an
		upgrade. Reimbursement
		request less
	Amount	upgrade cost.
	Amount:	\$125,378.10

Sweep test of existing antenna	Component Description: Amount:	WBAL sweep test new main antenna \$2,880.00
	Component Description: Amount:	WBAL sweep of main line and antenna \$2,585.30
Sales Tax	Information not provided.	
Shipping	Information not provided.	
Additional RF components	Information not provided.	
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.	
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.	
Sweep test of existing antenna	Component Description: Amount:	WBAL sweep of auxiliary line and antenna \$2,585.30

High VHF - High Power Side Mount One Station horizontally polarized

Component Description: WBAL Dielectric

Auxiliary Antenna; payments 1&2 -45% 9.29.2017;

\$29,438.94

**Amount:** \$29,438.94

Component Description: WBAL Dielectric

Auxiliary Antenna; payment 3 - 45%

10.5.2017; \$29,438.94

**Amount:** \$29,438.94

# **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	\$39,591.00	\$39,591.00		\$37,164.75	
Miscellaneous TL parts	\$39,591.00	\$39,591.00	replace frequency specific components, add impedance matching devices and misc components	\$37,164.75	N/A
Auxiliary Transmission Line	\$52,600.50	\$52,600.50		\$0.00	
RF Components	\$52,600.50	\$52,600.50	transmission line components for transmitter room connection to transmitter and refurbish transmission line	\$0.00	Quote did not include shipping which was added to invoice.
Sub-total	\$92,191.50	\$92,191.50	N/A	\$37,164.75	N/A
Total for all systems	\$1,911,548.58	\$1,853,149.58	N/A	\$748,533.86	N/A

Actual Information Description	File Name	
Miscellaneous TL parts	Component Description:	WBAL Dielectric transmission line
	Amount:	components; final payment \$19,348.80
	Component Description:	WBAL Dielectric transmission line components; payments 1&2 -
	Amount:	45% \$17,815.95
RF Components		
	Component Description:	Station reimbursed for non- reimbursable expense (transmission line refurbish)
	Amount:	(\$52,600.50)
	Component Description:	WBAL RF
		components for transmission line refurbishing
	Amount:	\$52,600.50

# **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 Primary Tower GTOWER	Predetermined Cost Estimate \$869,600.00	Estimated Cost \$840,000.00	Estimated Cost Justification	Actual Cost \$102,097.90	Actual Cost Justification
Tower Consulting	\$15,000.00	\$15,000.00	tower consulting - quote indicates \$2500 monthly rate. Number of months not specified.	\$6,055.90	Complex tower shared by three stations.
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$400,000.00	N/A	\$74,642.00	N/A
Tower Helicopter Lift	\$0.00	\$0.00	cost estimate in process	\$0.00	N/A
Major tower reinforcement /modifications	\$421,000.00	\$400,000.00	N/A	\$0.00	N/A

Total for all systems	\$1,911,548.58	\$1,853,149.58	N/A	\$748,533.86	N/A
Sub-total	\$869,600.00	\$840,000.00	N/A	\$102,097.90	N/A
			thought.		
			as originally		
			documented		
			well		
			wasn't as		
			this tower		
			Turns out		
			pedestals.		
tower			antenna		
documented			custom		
study for well			requiring		
tower load			tower		
engineering			candelabra		
Structural	\$12,600.00	\$25,000.00	Complex	\$21,400.00	N/A

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

Component Description: WBAL tower

consultant on-site

visit

**Amount:** \$220.90

Component Description: WBAL tower

consulting May

2018

**Amount:** \$300.00

Component Description: WBAL tower

consulting Sept

2018

**Amount:** \$150.00

Component Description: WBAL tower

consulting Oct

2018

**Amount:** \$150.00

Component Description: WBAL tower

consulting 2

**Amount:** \$550.00

Component Description: WBAL tower

consulting 1

**Amount:** \$4,535.00

Component Description: WBAL tower

consulting 3

**Amount:** \$150.00

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Component Description:  Amount:	WBAL CTC Aux antenna installation down payment \$74,642.00
Tower Helicopter Lift	Information not provided.	<b>V</b> ,,0 .2.00
Major tower reinforcement /modifications	Component Description:	WBAL tower special mount
	Amount:	design \$2,500.00
	Component Description:	WBAL tower modification
	Amount:	design \$6,700.00
	Component Description:	WBAL tower modification
	Amount:	design \$2,000.00

Structural engineering tower load study for well documented tower

Component Description: WBAL design

structural modifications

**Amount:** \$6,700.00

Component Description: WBAL updated

structural analysis and antenna pedestal design

**Amount:** \$2,000.00

Component Description: WBAL tower

structural analysis

**Amount:** \$4,000.00

Component Description: WBAL limited

tower mapping

**Amount:** \$2,000.00

Component Description: WBAL special

mount design rev

**Amount:** \$2,500.00

Component Description: WBAL tower

structural analysis

**Amount:** \$3,000.00

Component Description: WBAL tower

structural analysis

**Amount:** \$1,200.00

# **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 Cos Justificatio
Outside Professional Services	\$104,465.00	\$100,850.00		\$13,627.00	
Non-Catalog legal expenses	\$20,000.00	\$20,000.00	Non-Catalog expenses for legal advice and services, including financial /reimbursement review, transition reporting, transition procedures, and other transition- related issues	\$6,925.92	N/A
Transmitter Site Survey	\$20,600.00	\$20,600.00	Transmitter planning survey & transmitter building drawings per attached GatesAir quote	\$0.00	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	N/A	N/A

Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	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	N/A	N/A
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	\$4,210.00	\$4,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$2,110.52	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	N/A	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	\$2,105.00	\$2,000.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,950.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$987.50	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	\$1,653.06	N/A

Sub-total	\$104,465.00	\$100,850.00	N/A	\$13,627.00	N/A
Total for all systems	\$1,911,548.58	\$1,853,149.58	N/A	\$748,533.86	N/A

Actual Information Description	File Name	
Non-Catalog legal expenses	Component Description: Amount:	WBAL non-catalog legal 2 \$3,690.02
	Component Description: Amount:	WBAL non-catalog legal 1 \$3,235.90
Transmitter Site Survey	Information not provided.	
RF Exposure Measurements	Information not provided.	
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.	
Attorney Fees - Negotiation of lease and other matters for shared locations	Information not provided.	
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.	
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	Information not provided.	

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Component Description:	WBAL Prepare and File FCC Form 2100, Construction Permit Application
	Amount:	\$1,056.00
	Component Description:	WBAL Prepare and File FCC Form 2100, Construction Permit Application
	Amount:	\$1,054.52
Prepare request for Special Temporary Authorization	Information not provided.	
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description: Amount:	WBAL CP engineering prep \$1,950.00

Perform engineering study for new channel assignment and antenna development	Component Description: Amount:	WBAL CP engineering study \$675.00
	Component Description:	WBAL RF consulting antenna dev
	Amount:	\$312.50
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	
Prepare and or review reimbursement form	Component Description:	WBAL Prepare and /or review reimbursement Form 399
	Amount:	\$300.06
	Component Description:	WBAL Prepare and /or review reimbursement
	Amount:	Form 399 \$1,353.00

# **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	\$56,190.00	\$54,585.00		\$0.00	
MVPD Notification of Channel Change	\$2,500.00	\$2,500.00	attorney assistance in coordinating MVPD notification	N/A	N/A
Develop and air announcement of upcoming channel change	\$2,500.00	\$2,500.00	Attorney review to ensure FCC compliance	N/A	N/A
Equipment Storage	\$30,500.00	\$30,500.00	antenna storage cost estimate see attached Dielectric document	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$7,500.00	\$7,500.00	need quote	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A

FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$10,000.00	N/A	N/A	N/A
Sub-total	\$56,190.00	\$54,585.00	N/A	\$0.00	N/A
Total for all systems	\$1,911,548.58	\$1,853,149.58	N/A	\$748,533.86	N/A

Information not provided.

# Cost Information

### **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$1,911,548.58	\$1,853,149.58	\$748,533.86

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. John Drain Hearst Television SVP Chief Financial Officer

03/28/2019

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. Douglas
Durkee
Hearst
Television
Manager of
Spectrum
Repack

03/28/2019

#### **Attachments**