

(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

46979 Service: DTV Channel: 20 (UHF) Facility Call **WLWT** Sign:

File 0000026824

Number:

ID:

FRN: 0001587609 Date 10/22

> Submitted: /2019

#### **Applicant** Information

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

Applicant	Address	Phone	Email	Applicant Type
Ohio/Oklahoma Hearst Television Inc.	PO Box 1800 Raleigh, NC 27602 United States	+1 (919) 839-0300	shartzell@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

# **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 and Type	Manufacturer	
	Model	Sigma CD3300 P3
	Year	2002
	Туре	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	50 kW

### **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-72
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	47.2 kW
	Justification for New Transmitter	Existing IOT transmitter cannot be converted to post-transition channel, see GatesAir EOL and HTV IOT to Solid-State Justification statements. An IOT replacement is more expensive than proposed SS transmitter. See attached Comark IOT Transmitter quote.

# **Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	Yes
	Power	300 kVA
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	transmitter installation electrical service. See attached Bertke Electric quote.
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

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

Name	Description
Sales Tax	transmitter sales tax
Electrical Accessories	Manufacturer required surge protection
RF Accessories	additional RF components required for transmitter operation
Shipping	transmitter shipping
Transmitter de-install	removal of old transmitter
RF System Modifications	changes to RF system required for installation of repack transmitter
Transmitter Room Modification	remove equipment, walls etc. to make room for new transmitter
Transmitter installation incidentals	equipment and supplies needed for transmitter installation

#### **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?	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?	No
Existing Antenna	Class	Full Power
Manufacturer and Type	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)	1000.0 kW

Manufacturer	
Model	TFU- 30GBH-R 06
Year	2002

### **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?	No
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna	Class	Full Power
Manufacturer and Types	Mounting	Top Mount
	Antenna position in stack	Bottom
	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)	722.0 kW
	Manufacturer	

Model	TFU- 26GBH-R 06
Year	2018
Justification for New Antenna	Current antenna is channel specific and cannot be used on post- transition channel. Antenna must be replaced.

#### **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
Shipping	antenna shipping
Antenna accessories	custom length transmission line & test transition
Sales Tax	antenna sales tax

#### Interim Antenna

# **New Antenna Costs**

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	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 Type	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Broadband Slot
	Number of Stations Supported	1
	Number of Panels/Bays	16
	Lower Limit	470.00 MHz
	Upper Limit	608.00 MHz
	Design power capacity in use	60.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	500.0 kW
	Manufacturer	
	Model	TFU-16WB
	Year	2018

Justification for New Antenna	The
	proposed
	interim
	antenna is
	broadband
	and can be
	used for
	both pre
	and post
	transition
	channels
	and is
	required to
	facilitate a
	smooth and
	on-time
	transition to
	the
	assigned
	post-
	transition
	channel.

### Interim Antenna

#### **Other Antenna Costs**

Section	Question	Response
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an 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

### Interim Antenna

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

Name	Description
Sales Tax	antenna sales tax
Shipping	antenna shipping

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

# Primary Transmissio

# **Existing Transmission Line**

Section 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 Line Manufacturer and Type	Manufacturer	Dielectric
	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	950 feet per run

# Primary

# Other Transmission Line Expenses Not Listed

Transmission	Name	Description
	Line sweep	test transmission line for use on post- transition channel
	Refurbish Line	refurbish 6-1/8" transmission lines to be utilized by new top mount antenna
	Elbows	replace tuned elbows for new channel

#### Interim Transmissio

### **New Transmission Line**

n Line Section	Question	Response
New Transmission Line Costs	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Туре	Rigid
	Diameter	6 1/8 inches
	Segment Length	Broadband
	Other Segment Length	
	Number of parallel runs	1
	Length	600 feet per
	Justification for New Transmission Line	new transmission line required to support interim antenna

# Interim

# Other Transmission Line Expenses Not Listed

Transmission	Name	Description
	Sales Tax	transmission line sales tax

additional elbows, hangers etc. to complete transmission line run

# Tower Equipment And Rigging Costs

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

# Primary Tower

# **Existing Tower**

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	Terrain Constrained
	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	Yes
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	No
Existing Tower Structure	Do you have a tower registration number?	Yes
Registration	ASR Number	1038226
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	39° 07' 27.0" N-
	Longitude (NAD83)	084° 31' 18.0" W-
	Overall Structure Height	950.12 feet
	Support Structure Height	895.99 feet

Ground Elevation Above Mean Sea Level (AMSL)	837.92 feet
Structure Type	LTOWER - Lattice Tower
Tower Owner	Ohio /Oklahoma Hearst Television Inc.
Date Constructed	01/01/1997

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
65666	WCET	DTV

# Other Types of Users

Users	
Amateur Radio	

#### 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:	Serious Reinforcements needed

# Primary Tower

# **Tower Rigging Costs**

Section	Question	Response
Tower Rigging Costs	Complex Tower	Terrain constrained
Helicopter Services Required	Are helicopter services required?	No

# Primary Tower

# Other Tower Expenses Not Listed

Name	Description
Power line relocation	relocation of electrical lines to allow crew access
Land clearing	remove trees and brush. Required for tower modifications.
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	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	2
	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	Yes
	Quantity	2
	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	Yes
	RF exposure measurements	Yes
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

## Outside Professional

# Other Professional Services Expenses Not Listed

I Services Costs	Description
Security	Security service during tower modifications & antenna installation
Transmitter Site Survey	Transmitter planning survey & transmitter building drawings (aka Field Service, TV)
Transmitter Site Survey Sales Tax	Transmitter planning survey & transmitter building drawings (aka Field Service, TV)

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.
Consulting-Project Management	Project Management and/or Consulting

# 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?	Yes
	Does this relocation require Equipment Storage?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD  Notification of a Channel Change?	Yes

# Other Expenses

# Other Expenses Not Listed

Name	Description
Contract Labor	labor directly related to the station channel change

# **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-72	\$1,876,709.95	\$1,576,444.76		\$1,543,180.79	
RF System Modifications	\$31,112.93	\$31,112.93	RF system modifications required to allow repack transmitter installation	\$31,112.93	N/A
Other Electrical Service: transmitter installation electrical service. See attached Bertke Electric quote.	\$99,688.00	\$99,688.00	transmitter installation electrical service. See attached Bertke Electrical quote.	\$96,221.00	N/A
Transmitter Room Modification	\$25,667.24	\$25,667.24	building mods required for new transmitter	\$25,667.24	N/A
Transmitter installation incidentals	\$7,500.00	\$7,500.00	parts, supplies and equipment needed for transmitter installation	\$3,253.88	N/A

Total for all	\$4,531,317.54	\$3,755,103.33	N/A	\$3,384,766.17	N/
Sub-total	\$1,876,709.95	\$1,576,444.76	N/A	\$1,543,180.79	N/
Electrical Accessories	\$3,884.98	\$3,884.98	Manufacturer required surge protection	\$3,884.98	N//
RF Accessories	\$65,289.39	\$65,289.39	Additional RF components required for transmitter operation and integration into current RF environment.	\$65,289.39	N/A
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$16,867.80	N/A	\$16,867.80	N//
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$1,192,667.01	GatesAir quote sections A, B & E. plus change orders	\$1,192,667.01	N/A
Sales Tax	\$90,733.45	\$90,733.45	estimated transmitter sales tax	\$90,733.45	N/A
Shipping	\$17,483.11	\$17,483.11	shipping per attached GatesAir invoice	\$17,483.11	N/A
			transmitter to make room for replacement		
de-install			old		

# Components

Actual Information Description	File Name	
RF System Modifications	Component Description:	WLWT RF reconfiguration
	Amount:	parts shipping 1 \$760.39
	Component Description:	WLWT RF reconfiguration parts 1
	Amount:	\$13,044.11
	Component Description:	WLWT waveguide switch
	Amount:	\$16,674.68
	Component Description:	WLWT waveguide switch bracket shipping
	Amount:	\$470.65
	Component Description:	WLWT RF switch cable
Other Fleetries Comises	Amount:	\$163.10
Other Electrical Service: transmitter installation electrical service. See	Component Description:	WLWT transmitter electrical
attached Bertke Electric quote.	Amount:	installation 2 \$48,110.50
	Component Description:	WLWT transmitter electrical
	Amount:	installation 1 \$48,110.50

Transmitter Room		
Modification	Component Description:	WLWT transmitter
	Amount:	building mods 2 \$1,944.00
	Allount.	Ψ1,011.00
	Component Description:	WLWT transmitter
		building mods 3
	Amount:	\$7,620.11
	Component Description:	WLWT AC
		equipment removal
	Amount:	\$5,940.00
	Component Description:	WLWT transmitter
	Amount:	building mods \$10,163.13
	Amount.	ψ10,103.13
Transmitter installation incidentals	Component Description	WLWT transmitter
	Component Description:	installation
		incidentals 1
	Amount:	\$421.62
	Component Description:	WLWT transmitter
		installation
	Amount:	incidentals 2 \$2,832.26
		,
Transmitter de-install	Information not provided.	
Shipping	Component Description:	WLWT transmitter
	Component Description.	shipping
		ornpping

Sales Tax		
	Component Description:	WLWT transmitter
		sales tax 2
	Amount:	\$7,913.37
	Component Description:	WLWT transmitter
		sales tax
	Amount:	\$82,820.08
UHF - Liquid Cooled Solid State Transmitter 35 - 50		
kW	Component Description:	WLWT transmitter
	Amazinti	installation
	Amount:	\$95,565.15
	Component Description:	WLWT transmitter
	<b>A</b>	delivery payment
	Amount:	\$260,556.40
	Component Description:	WLWT GatesAir
		transmitter 1/3
	Amount:	prior to ship \$433,669.74
	, unodini	ψ 100,000.1 T
	Component Description:	Transmitter 2nd
	Component Decemporari	deposit
	Amount:	\$264,187.87
	Component Description:	Transmitter 1st
		-1 !¢
		deposit
	Amount:	aeposit \$138,687.85
Transformer 3 phase/480v	Amount:	•
	Amount:  Component Description:	•
Transformer 3 phase/480v - 300 KVA		\$138,687.85
		\$138,687.85  WLWT transmitter

	Component Description:	WLWT transmitter
		RF accessories
	Amount:	\$65,289.39
Electrical Accessories		
	<b>Component Description:</b>	WLWT transmitter
		electrical
		accessories
	Amount:	\$3,884.98

# **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
Interim Antenna TFU-16WB	\$169,913.60	\$150,933.60		\$138,346.60	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
Shipping	\$7,360.00	\$7,360.00	shipping per attached Dielectric quote	\$3,680.00	N/A
Sales Tax	\$7,605.00	\$7,605.00	estimated antenna sales tax based on Ohio state and local sales tax rate of 7%	N/A	N/A
UHF - High Power, Side Mount, basic slot antenna, 16 bay,, 500 kW input, directional,, horizontally polarized	\$125,068.60	\$125,068.60	quote 108640 SMB 10312 CO 6116.60 125068.60	\$123,766.60	Progress payments - not itemized

Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$4,500.00	N/A	\$4,500.00	N/A
Primary Antenna TFU- 26GBH-R 06	\$307,187.00	\$431,181.00		\$402,885.79	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$10,984.00	N/A	\$10,984.00	N/A
Antenna accessories	\$4,384.00	\$4,384.00	RF components need for antenna installation per attached Dielectric quote	\$3,248.79	N/A
Sales Tax	\$27,160.00	\$27,160.00	estimated antenna sales tax based on Ohio state and local sales tax rate of 7%	N/A	N/A

Total for all systems	\$4,531,317.54	\$3,755,103.33	N/A	\$3,384,766.17	N/A
Sub-total	\$477,100.60	\$582,114.60	N/A	\$541,232.39	N/A
UHF - High Power Top Mount (200- 1000 kW), One station antenna, horizontally polarized	\$247,000.00	\$372,640.00	duote  bottom of antenna stack price per attached Dielectric quote	\$372,640.00	N/A
Shipping	\$9,613.00	\$9,613.00	shipping per attached Dielectric	\$9,613.00	N/A

# Components

Actual Information Description	File Name	
Sweep test of existing antenna	Component Description: Amount:	WLWT interim antenna sweep \$6,400.00
Shipping	Component Description: Amount:	WLWT interim antenna custom TL shipping \$820.73
	Component Description: Amount:	WLWT interim antenna shipping to site \$3,680.00
Sales Tax	Information not provided.	

UHF - High Power, Side Mount, basic slot antenna, WLWT interim **Component Description:** 16 bay,, 500 kW input, antenna payment 3 directional,, horizontally **Amount:** \$1,573.33 polarized Dielectric WLWT **Component Description:** Interim Antenna 45% progress payment (10% down and 35% with order equals). Supporting documentation included. Amount: \$59,720.40 **Component Description:** WLWT Dielectric interim antenna payment 2 - 45% prior to ship. Supporting documentation included. Amount: \$62,472.87 Side mount brackets for high power antennas (if not **Component Description:** WLWT side mount included in antenna base bracket redesign cost) **Amount:** \$4,500.00 Sweep test of existing antenna **Component Description:** WLWT main antenna sweep Amount: \$6,400.00 Elbow complex, single channel, at antenna input, WLWT main **Component Description:** per 6 1/8. feedline (if antenna elbow needed) complex Amount: \$10,984.00

Antenna accessories		
	Component Description:	WLWT custom TL
		shipping 2
	Amount:	\$425.40
	Component Description:	WLWT custom TL
		shipping
	Amount:	\$403.39
	Component Description:	WLWT test
		transition
	Amount:	\$2,420.00
Sales Tax	Information not provided.	
Shipping		
	Component Description:	WLWT main
	Amount:	antenna shipping \$9,613.00
	Amount.	ф9,613.00
UHF - High Power Top Mount (200-1000 kW), One		
station antenna,	Component Description:	WLWT main
horizontally polarized		antenna payment 3
	Amount:	rev \$9,021.10
	Amount.	φ9,021.10
	Component Description:	Dielectric WLWT
		Main Antenna and
		Elbow complex;
		9.13.2017;
		\$181,809.45; progress payments
		10% & 35%
	Amount:	\$181,809.45
	Component Description:	WLWT main
	23paant Boodilption	antenna payment
		45% prior to ship
	The second secon	

### **Cost Information**

#### **Transmission Line**

Description Interim Transmission Line	Predetermined Cost Estimate \$230,663.15	Estimated Cost \$230,025.81	Estimated Cost Justification	Actual Cost \$220,377.81	Actual Cost Justification
Additional TL Components	\$81,815.15	\$81,815.15	additional transmission line components needed to complete installation	\$81,815.15	N/A
Sales Tax	\$9,648.00	\$9,648.00	estimated transmission line sales tax based on Ohio state and local sales tax rate of 75	\$0.00	N/A
Rigid Transmission Line - copper, 6 1 /8" broadband	\$139,200.00	\$138,562.66	transmission line price per attached Dielectric quote	\$138,562.66	N/A
Primary Transmission Line	\$103,329.84	\$103,329.84		\$43,638.52	
Line sweep	\$2,758.34	\$2,758.34	see associated invoice	\$2,758.34	N/A

Refurbish Line	\$85,471.50	\$85,471.50	Main transmission	\$40,025.00	N/A
Lino			line		
			refurbish per		
			TCI-17-		
			022H -		
			WLWT		
			Hearst -		
			Cincinnati		
			OH - Mod		
			Maint 1.5.18.		
			pdf - Labor		
			Parts:		
			Dielectric		
			SR 911-		
			0003		
			refurb1.pdf		
			Parts:		
			Dielectric		
			SR 911-		
			0004		
			refurb2.pdf		
Elbows	\$15,100.00	\$15,100.00	see	\$855.18	N/A
			Dielectric		
			invoice		
Sub-total	\$333,992.99	\$333,355.65	N/A	\$264,016.33	N/A
Total for all	\$4,531,317.54	\$3,755,103.33	N/A	\$3,384,766.17	N/A

### Components

Actual Information Description	File Name	
Additional TL Components	Component Description	WI WT additional
	Component Description:	WLWT additional interim transmission line parts shipping
	Amount:	\$997.85

Component Description: WLWT interim

transmission line

hangers

**Amount:** \$684.60

Component Description: WLWT additional

interim

transmission line parts shipping 2

**Amount:** \$550.75

Component Description: WLWT additional

interim

transmission line

parts 3

**Amount:** \$1,447.50

Component Description: WLWT additional

interim

transmission line

parts 2

**Amount:** \$27,469.50

Component Description: WLWT interim

Amount:

**Component Description:** 

transmission line custom elbows

\$16,030.00

interim

transmission line

WLWT additional

parts

**Amount:** \$34,264.09

Component Description: WLWT additional

interim

transmission line parts shipping 3

**Amount:** \$370.86

Sales Tax	Information not provided.	
Rigid Transmission Line - copper, 6 1/8" broadband	Component Description:	WLWT interim transmission line
	Amount:	payment 3 \$13,788.30
	Component Description:	WLWT Dielectric interim transmission line payment 2 - 45%
	Amount:	prior to ship \$62,047.35
	Component Description:	WLWT transmission line
	Amount:	cut pieces shipping \$679.66
	Component Description:	Dielectric WLWT Interim Transmission line payments 10% down & 35% with order equals 45% of invoice line item
	Amount:	2 \$62,047.35
Line sweep		
	Component Description:	WLWT main transmission line sweep
	Amount:	\$2,758.34

Refurbish Line		
	Component Description:	WLWT main
		transmission line
		refurbish 1
	Amount:	\$25,864.00
	Component Description:	WLWT shipping
		main transmission
		line refurb parts 2
	Amount:	\$2,095.00
	Component Description:	WLWT main
		transmission line
		refurbish parts
	Amount:	\$14,161.00
	Component Description:	WLWT main
		transmission line
		refurb parts 2
	Amount:	\$19,582.50
Elbows		
	Component Description:	WLWT main
		transmission line
		elbows shipping
	Amount:	\$855.18

### **Cost Information**

### **Tower Equipment and Rigging Costs**

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower LTOWER	\$1,505,728.54	\$940,301.86		\$918,988.29	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$250,000.00	N/A	\$229,434.00	N/A
Serious tower reinforcement /modifications	\$1,052,000.00	\$660,353.32	N/A	\$660,353.32	-
Land clearing	\$11,170.00	\$11,170.00	Clearing trees/brush and moving fences required for tower modifications	\$11,170.00	N/A
Tower Consulting	\$6,500.00	\$6,500.00	tower consulting	\$5,752.43	N/A
Power line relocation	\$2,458.54	\$2,458.54	see Duke Energy invoice	\$2,458.54	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$9,820.00	Quote TCI- 16-104 - WLWT - Cincinnati OH - Analysis.pdf	\$9,820.00	N/A
Sub-total	\$1,505,728.54	\$940,301.86	N/A	\$918,988.29	N/A

 Total for all
 \$4,531,317.54
 \$3,755,103.33
 N/A
 \$3,384,766.17
 N/A

 systems

### Components

**Actual Information** 

Description File Name

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)

Component Description: WLWT interim

antenna 20%

progress payment

**Amount:** \$30,046.00

Component Description: WLWT antenna

services phase 2 mobilization

**Amount:** \$29,644.00

Component Description: WLWT antenna

services phase 2

completion

**Amount:** \$45,069.00

Component Description: WLWT phase 1

antenna services

completion

**Amount:** \$7,560.00

Component Description: WLWT Antenna

Services - interim antenna and line installation 50% down payment.

**Amount:** \$42,000.00

Component Description: WLWT Tower

Repack Antenna Services -main antenna

installation 50% down payment per

quote

**Amount:** \$75,115.00

Serious tower reinforcement /modifications

Component Description: WLWT tower mod

change order 1 revision 3

**Amount:** \$84,063.32

Component Description: Deposit for tower

modifications per TCI MOU 8-28-17

TCI.PDF

**Amount**: \$44,800.00

Component Description: WLWT tower

mods completion

**Amount:** \$48,766.50

Component Description: WLWT tower

modifications 50% initial payment less MOU deposit

**Amount:** \$226,125.00

**Component Description:** WLWT partial

completion

payment less nonreimbursable items

**Amount:** \$131,428.50

Component Description: WLWT tower

mods 20% mobilization less non-reimbursable

items

**Amount:** \$125,170.00

Land clearing		
	Component Description:	WLWT tree and
		brush removal 2
	Amount:	\$5,000.00
	Component Description:	WLWT fence work
		1
	Amount:	\$3,250.00
	Component Description:	WLWT tree and
		brush removal
	Amount:	\$2,920.00
Tower Consulting	_	
	Component Description:	WLWT tower
		consulting invoice 2
	Amount:	\$150.00
	Component Description:	WLWT Kube
	Component Description.	tower consulting
	Amount:	\$75.00
	Component Description:	WLWT consultant
		for on-site tower
		meeting
	Amount:	\$1,489.43
	Component Description:	WLWT tower
		consulting invoice
	Amount	1 \$4.038.00
	Amount:	\$4,038.00
Power line relocation	Commonweal Description	VAULVA/T =
	Component Description:	WLWT power line relocation
	Amount:	\$2,458.54

Structural engineering tower load study for well documented tower

Component Description: WLWT tower

feasibility

structural analysis

**Amount:** \$9,820.00

### **Cost Information**

#### **Outside Professional Services**

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual C
Outside Professional Services	\$256,709.00	\$248,559.00		\$57,820.11	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$2,525.00	N/A
Consulting- Project Management	\$25,000.00	\$25,000.00	N/A	\$22,000.00	N/A
Non-catalog Legal Expenses	\$25,000.00	\$25,000.00	Non-Catalog expenses for legal advice and services, including financial /reimbursement review, transition reporting, transition procedures, and other transition- related issues.	\$6,399.42	N/A

Transmitter Site Survey Sales Tax	\$1,442.00	\$1,442.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***Ohio sales tax for Transmitter Site Survey (aka Field Service, TV)	\$0.00	N/A
Transmitter Site Survey	\$22,042.00	\$22,042.00	Transmitter planning survey & transmitter building drawings attached quote does not include \$1,442.00 sales tax added to invoice.	\$20,600.00	N/A
Security	\$37,325.00	\$37,325.00	based on attached transmitter security proposal for 90 days.	N/A	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$7,360.00	\$7,000.00	N/A	\$1,004.20	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 - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$1,846.53	N/A
Prepare request for Special Temporary Authorization	\$4,100.00	\$3,000.00	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
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$1,382.46	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

Perform	\$7,360.00	\$7,000.00	N/A	\$2,062.50	N/A
engineering					
study for new					
channel					
assignment					
and antenna					
development					
Sub-total	\$256,709.00	\$248,559.00	N/A	\$57,820.11	N/A
Total for all systems	\$4,531,317.54	\$3,755,103.33	N/A	\$3,384,766.17	N/A

### Components

Actual Information Description	File Name	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description: Amount:	WLWT CP engineering mod \$700.00
	Component Description: Amount:	WLWT CP engineering prep \$1,825.00

Consulting-Project		
Management	<b>Component Description:</b>	WLWT Stitt
		consulting 1
	Amount:	\$5,000.00
	Component Description:	WLWT Stitt
		consulting 3
	Amount:	\$3,000.00
	Component Description:	WLWT Stitt
		consulting 4
	Amount:	\$9,000.00
	Component Description:	WLWT Stitt
		consulting 5
	Amount:	\$3,000.00
	Component Description:	WLWT Stitt
		consulting 2
	Amount:	\$2,000.00
Non-catalog Legal		
Expenses	<b>Component Description:</b>	WLWT non-catalog
	<b>A</b>	legal 1
	Amount:	\$2,709.40
	Component Description:	WLWT non-catalog
		legal 2
	Amount:	\$3,690.02
Transmitter Site Survey Sales Tax		
Cales Lax	<b>Component Description:</b>	Ohio sales tax for
		Transmitter Site
		Survey (aka Field
	Amount:	Service, TV)
	Amount.	\$1,442.00

Transmitter Site Survey	Component Description:	WLWT Field Service, GatesAir, 6-30-2017 \$20,600
	Amount:	\$20,600.00
Security	Information not provided.	
RF Exposure Measurements	Information not provided.	
Comprehensive coverage verification via field study, if needed	Information not provided.	
Attorney Fees - Prepare and File request for Special Temporary Authorization	Component Description:	WLWT Prepare and File request for Special Temporary Authorization
	Amount:	\$1,004.20
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 - Prepare and File FCC Form 2100 (main), Construction Permit Application	Component Description:	WLWT Prepare and File FCC Form 2100, Construction
	Amount:	Permit Application 2 \$1,054.53
	Component Description:	WLWT Prepare and File FCC Form 2100, Construction
		Permit Application

Prepare request for Special Temporary Authorization	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Prepare and or review reimbursement form	Component Description:	WLWT Prepare and /or review reimbursement Form 399 2
	Amount:	\$300.06
	Component Description:	WLWT Prepare and /or review reimbursement Form 399
	Amount:	\$1,082.40
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	
Perform engineering study for new channel assignment and antenna	Component Description:	WLWT antenna
development	Amount:	development \$625.00
	Component Description:	WLWT engineering study for new
	Amount:	channel assignment \$562.50
	Component Description:	WLWT RF consulting for
	Amount:	interim antenna development \$875.00

### **Cost Information**

#### **Other Expenses**

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$81,076.46	\$74,327.46		\$59,528.26	
Equipment Storage	\$46,087.00	\$46,087.00	per relevant invoices	\$46,087.00	N/A
Contract Labor	\$4,209.46	\$4,209.46	accounting labor directly related to the Spectrum Repack project	\$4,209.46	N/A
MVPD Notification of Channel Change	\$2,850.00	\$2,850.00	MVPD notification	\$2,842.40	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 Delivery and Handling Charges	\$2,500.00	\$2,500.00	Transmitter local delivery	\$2,495.00	N/A

Disposal Costs (for equipment and other waste, net of any salvage value)	\$9,740.00	\$9,740.00	Equipment removal to make space for replacement transmitter installation. See Equipment Removal quotes 1 & 2.	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	\$4,856.00	quote attached	\$3,894.40	N/A
Sub-total	\$81,076.46	\$74,327.46	N/A	\$59,528.26	N/A
Total for all systems	\$4,531,317.54	\$3,755,103.33	N/A	\$3,384,766.17	N/A

### Components

Actual Information	
Description	File Name

Equipment Storage		
Equipment Storage	O A D inti	)
	Component Description:	WLWT transmitter
		storage 2
	Amount:	\$400.00
		•
	Component Description:	WLWT
		transmitter
		storage 1
	Amount:	\$6,077.00
	Component Description:	WLWT main
	A	antenna storage
	Amount:	\$28,450.00
	Component Description:	WLWT interim
		antenna ship to
		storage
	Amount:	\$7,360.00
	Component Description:	WLWT
	Component Description.	transmitter
		storage 3
	Amount:	\$400.00
		NAMI NAMIT : A
	Component Description:	WLWT interim
	Amount:	antenna storage \$3,400.00
Contract Labor		
	Component Description:	WLWT
	Joinponent Description.	accounting labor
	Amount:	\$4,209.46
IVPD Notification of		
Channel Change	Component Description:	WLWT MVPD
aor Gridings		· · -
		notification

Develop and air announcement of upcoming channel change	Information not provided.	
Equipment Delivery and Handling Charges	Component Description: Amount:	WLWT local transmitter delivery 1 \$2,495.00
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.	
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.	
DTV Medical Facility Notification	Component Description: Amount:	WLWT medical notification \$3,894.40

## Cost Information

#### **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$4,531,317.54	\$3,755,103.33	\$3,384,766.17

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

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

10/22/2019

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

10/22/2019

#### **Attachments**