

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

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

ID:

Sign:

File **0000026824**

Number:

FRN: **0001587609** Date

06/06

Submitted: /2019

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
OHIO/OKLAHOMA HEARST TELEVISION INC.	C/O BROOKS, PIERCE, ET. AL 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

S	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
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
Sales Tax	transmitter sales tax

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

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	Naine	Description
	Line sweep	test transmission line for use on post- transition channel
Refurbis	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	n <mark>laine</mark>	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
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.
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)
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 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).

			Estimated		
Description	Predetermined Cost Estimate	Estimated Cost	Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter ULXTE-72	\$1,838,585.35	\$1,535,069.36		\$1,295,871.74	
RF System Modifications	\$15,000.00	\$15,000.00	RF system modifications required to allow repack transmitter installation	\$13,804.50	N/A
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$16,867.80	N/A	\$16,867.80	N/A
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$1,189,416.21	GatesAir quote sections A, B & E. This is the transmitter, mask filter, installation and proof per the FCC "transmitter" definition.	\$1,097,101.86	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.	\$0.00	N/A

Electrical	\$3,884.98	\$3,884.98	Manufacturer	\$3,884.98	N/A
Accessories			required surge		
			protection		
RF Accessories	\$65,289.39	\$65,289.39	Additional RF	\$65,289.39	N/A
Accessories			components		
			required for		
			transmitter		
			operation		
			and integration		
			into current		
			RF		
			environment.		
Shipping	\$13,500.00	\$13,500.00	shipping per	\$0.00	N/A
			attached		
			GatesAir quote		
Transmitter de-install	\$25,550.85	\$25,550.85	removal of old	\$0.00	N/A
ue-iristali			transmitter to		
			make room		
			for		
			replacement		
Transmitter	\$16,103.13	\$16,103.13	building	\$16,103.13	N/A
Room			mods		
Modification			required for new		
			transmitter		
Calaa T	¢00.700.00	Ф00 7 00 00		Ф00 000 00	N1/A
Sales Tax	\$89,769.00	\$89,769.00	estimated transmitter	\$82,820.08	N/A
			sales tax		
Sub-total	\$1,838,585.35	\$1,535,069.36	N/A	\$1,295,871.74	N/A
Total for all systems	\$4,457,366.48	\$3,567,778.15	N/A	\$2,901,782.37	N/A

Components

Actual Information	
Description	File Name

	Component Description:	WLWT RF
		reconfiguration
		parts shipping 1
	Amount:	\$760.39
		•
	Component Description:	WLWT RF
		reconfiguration
		parts 1
	Amount:	\$13,044.11
Transformer 3 phase/480v		
- 300 KVA	Component Description:	WLWT transmitter
		electrical
		transformers
	Amount:	\$16,867.80
UHF - Liquid Cooled Solid		
State Transmitter 35 - 50	Component Description:	Transmitter 2nd
kW		deposit
	Amount:	\$264,187.87
	Component Description:	WLWT GatesAir
		transmitter 1/3
		prior to ship
	Amount:	\$433,669.74
	0	\A/I \A/T ('''
	Component Description:	WLWT transmitter
	Amount	delivery payment
	Amount:	\$260,556.40
	Component Description:	Transmitter 1st
		deposit
	Amount:	\$138,687.85
Other Electrical Service:	Information not provided.	
	omnation not provided.	
transmitter installation electrical service. See attached Bertke Electric		

	Component Description:	WLWT transmitter
		electrical
		accessories
	Amount:	\$3,884.98
RF Accessories		
	Component Description:	WLWT transmitter
		RF accessories
	Amount:	\$65,289.39
Shipping	Information not provided.	
Transmitter de-install	Information not provided.	
Transmitter Room		
Modification	Component Description:	WLWT AC
		equipment removal
	Amount:	\$5,940.00
	Component Description:	WLWT transmitter
		building mods
	Amount:	\$10,163.13
Sales Tax		
	Component Description:	WLWT transmitter
		sales tax
	Amount:	\$82,820.08

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		\$131,946.60	
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
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$0.00	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

Shipping	\$7,360.00	\$7,360.00	shipping per attached Dielectric quote	\$3,680.00	N/A
Primary Antenna TFU- 26GBH-R 06	\$307,187.00	\$431,181.00		\$372,640.00	
UHF - High Power Top Mount (200- 1000 kW), One station antenna, horizontally polarized	\$247,000.00	\$372,640.00	bottom of antenna stack price per attached Dielectric quote	\$372,640.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$0.00	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$10,984.00	N/A	\$0.00	N/A
Antenna accessories	\$4,384.00	\$4,384.00	RF components need for antenna installation per attached Dielectric quote	\$0.00	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
Shipping	\$9,613.00	\$9,613.00	shipping per attached Dielectric quote	\$0.00	N/A
Sub-total	\$477,100.60	\$582,114.60	N/A	\$504,586.60	N/A
Total for all systems	\$4,457,366.48	\$3,567,778.15	N/A	\$2,901,782.37	N/A

Components

Actual Information Description	File Name	
Side mount brackets for high power antennas (if not included in antenna base cost)	Component Description: Amount:	WLWT side mount bracket redesign \$4,500.00
Sweep test of existing antenna	Information not provided.	
Sales Tax	Information not provided.	

UHF - High Power, Side Mount, basic slot antenna, 16 bay,, 500 kW input, directional,, horizontally polarized

Component Description: WLWT interim

antenna payment 3

Amount: \$1,573.33

Component Description: WLWT Dielectric

interim antenna payment 2 - 45% prior to ship. Supporting documentation included.

Amount: \$62,472.87

Component Description: Dielectric WLWT

Interim Antenna 45% progress payment (10% down and 35% with order equals).

Supporting documentation

included.

Amount: \$59,720.40

Shipping

Component Description: WLWT interim

antenna shipping

to site

Amount: \$3,680.00

UHF - High Power Top Mount (200-1000 kW), One WLWT main **Component Description:** station antenna, antenna payment 3 horizontally polarized rev Amount: \$9,021.10 **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 antenna payment 45% prior to ship Amount: \$181,809.45 Sweep test of existing Information not provided. antenna Elbow complex, single Information not provided. channel, at antenna input, per 6 1/8. feedline (if needed) Antenna accessories Information not provided. Sales Tax Information not provided. Shipping Information not provided.

Cost Information

Transmission Line

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

Description Interim Transmission Line	Predetermined Cost Estimate \$214,633.15	Estimated Cost \$213,995.81	Estimated Cost Justification	Actual Cost \$204,347.81	Actual Cost Justification
Additional TL Components	\$65,785.15	\$65,785.15	see associated Dielectric invoice	\$65,785.15	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
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
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	\$85,471.50	\$85,471.50	Main	\$40,025.00	N/A
Line			transmission		
			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	\$317,962.99	\$317,325.65	N/A	\$247,986.33	N/A
Total for all systems	\$4,457,366.48	\$3,567,778.15	N/A	\$2,901,782.37	N/A

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 additional

interim

transmission line parts shipping 3

Amount: \$370.86

Component Description: WLWT additional

interim

transmission line

parts

Amount: \$34,264.09

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

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

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
Primary Tower LTOWER	\$1,505,728.54	\$830,178.54		\$787,948.79	
Tower Consulting	\$6,500.00	\$6,500.00	tower consulting	\$5,752.43	N/A
Land clearing	\$11,170.00	\$11,170.00	Clearing trees/brush and moving fences required for tower modifications	\$11,170.00	N/A
Serious tower reinforcement /modifications	\$1,052,000.00	\$650,000.00	N/A	\$611,586.82	N/A
Power line relocation	\$2,458.54	\$2,458.54	see Duke Energy invoice	\$2,458.54	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$150,230.00	WLWT Antenna installation services. See TCI-17- 022G	\$147,161.00	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	\$830,178.54	N/A	\$787,948.79	N/A

Total for all	\$4,457,366.48	\$3,567,778.15	N/A	\$2,901,782.37	N/A
systems					

Actual Information Description	File Name	
Tower Consulting	Component Description: Amount:	WLWT Kube tower consulting \$75.00
	Component Description:	WLWT consultant for on-site tower meeting
	Amount:	\$1,489.43
	Component Description:	WLWT tower consulting invoice 2
	Amount:	\$150.00
	Component Description:	WLWT tower consulting invoice
	Amount:	\$4,038.00

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

Serious tower reinforcemen	t	
modifications	Component Description:	WLWT partial
		completion
		payment less non-
		reimbursable items
	Amount:	\$131,428.50
	Component Description:	Deposit for tower
		modifications per
		TCI MOU 8-28-17
		TCI.PDF
	Amount:	\$44,800.00
	Component Description:	WLWT tower
		mods 20%
		mobilization less
		non-reimbursable
	Amount:	items \$125,170,00
	Amount.	\$125,170.00
	Component Description:	WLWT tower
	Component Description	modifications 50%
		initial payment
		less MOU deposit
	Amount:	\$226,125.00
	Component Description:	WLWT tower mod
		change order 1
		revision 3
	Amount:	\$84,063.32
Power line relocation		
	Component Description:	WLWT power line
		relocation

Complex Tower (includes, for example, those with **Component Description:** WLWT Antenna candelabras and/or stacked Services - interim antennas) antenna and line installation 50% down payment. \$42,000.00 Amount: **Component Description: WLWT Tower** Repack Antenna Services -main antenna installation 50% down payment per quote Amount: \$75,115.00 **Component Description:** WLWT interim antenna 20% progress payment Amount: \$30,046.00 Structural engineering tower load study for well **Component Description:** WLWT tower documented tower feasibility structural analysis Amount: \$9,820.00

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 C
Outside Professional Services	\$256,709.00	\$248,559.00		\$40,120.11	
Consulting- Project Management	\$25,000.00	\$25,000.00	N/A	\$5,000.00	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

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
Security	\$37,325.00	\$37,325.00	based on attached transmitter security proposal for 90 days.	N/A	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 engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,825.00	N/A

Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$2,062.50	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	\$1,382.46	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 request for Special Temporary Authorization	\$7,360.00	\$7,000.00	N/A	\$1,004.20	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A

Non-catalog	\$25,000.00	\$25,000.00	Non-Catalog	\$6,399.42	N/A
Legal Expenses			expenses for		
			legal advice		
			and services,		
			including		
			financial		
			/reimbursement		
			review,		
			transition		
			reporting,		
			transition		
			procedures,		
			and other		
			transition-		
			related issues.		
Sub-total	\$256,709.00	\$248,559.00	N/A	\$40,120.11	N/A
Total for all systems	\$4,457,366.48	\$3,567,778.15	N/A	\$2,901,782.37	N/A

Actual Information Description	File Name	
Consulting-Project Management	Component Description: Amount:	WLWT Stitt consulting 1 \$5,000.00
Transmitter Site Survey Sales Tax	Component Description: Amount:	Ohio sales tax for Transmitter Site Survey (aka Field Service, TV) \$1,442.00
Transmitter Site Survey	Component Description: Amount:	WLWT Field Service, GatesAir, 6-30-2017 \$20,600 \$20,600.00

Information not provided.	
Component Description: Amount:	WLWT Prepare and File FCC Form 2100, Construction Permit Application 2 \$1,054.53
Component Description:	WLWT Prepare and File FCC Form 2100, Construction Permit Application
Amount: Information not provided.	\$792.00
Information not provided.	
Information not provided.	
Component Description: Amount:	WLWT CP engineering prep \$1,825.00
	Component Description: Amount: Component Description: Amount: Information not provided. Information not provided. Information not provided.

Perform engineering study for new channel assignment and antenna development	Component Description: Amount:	WLWT antenna development \$625.00
	Component Description:	WLWT engineering study for new channel assignment
	Amount:	\$562.50
	Component Description:	WLWT RF consulting for interim antenna development
	Amount:	\$875.00
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	
Prepare and or review reimbursement form	Component Description:	WLWT Prepare and /or review reimbursement Form 399
	Amount:	\$1,082.40
	Component Description:	WLWT Prepare and /or review reimbursement Form 399 2
	Amount:	\$300.06
Attorney Fees - Negotiation of lease and other matters for shared locations	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
Comprehensive coverage verification via field study, if needed	Information not provided.	
RF Exposure Measurements	Information not provided.	
Non-catalog Legal		
Expenses	Component Description:	WLWT non-catalog legal 2
	Amount:	\$3,690.02
	Component Description:	WLWT non-catalog
	Amount:	legal 1 \$2,709.40

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	\$61,280.00	\$54,531.00		\$25,268.80	
MVPD Notification of Channel Change	\$2,850.00	\$2,850.00	MVPD notification	\$2,842.40	N/A
DTV Medical Facility Notification	\$11,550.00	\$4,856.00	quote attached	\$3,894.40	N/A
Equipment Storage	\$30,500.00	\$30,500.00	antenna storage estimate see attached Dielectric document	\$18,532.00	N/A
Equipment Delivery and Handling Charges	\$2,500.00	\$2,500.00	Transmitter local delivery	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
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A

Total for all systems	\$4,457,366.48	\$3,567,778.15	N/A	\$2,901,782.37	N/A
Sub-total	\$61,280.00	\$54,531.00	N/A	\$25,268.80	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
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

Actual Information Description	File Name	
MVPD Notification of Channel Change	Component Description: Amount:	WLWT MVPD notification \$2,842.40
DTV Medical Facility Notification	Component Description: Amount:	WLWT medical notification \$3,894.40

Equipment Storage		
	Component Description:	WLWT interim
		antenna ship to
		storage
	Amount:	\$7,360.00
	Component Description:	WLWT
		transmitter
		storage 3
	Amount:	\$400.00
	Component Description:	WLWT
		transmitter
		storage 2
	Amount:	\$400.00
	Component Description:	WLWT
		transmitter
		storage 1
	Amount:	\$6,972.00
	Component Description:	WLWT interim antenna storage
	Amount:	\$3,400.00
Equipment Delivery and Handling Charges	Information not provided.	
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
Disposal Costs (for equipment and other waste,	Information not provided.	

Develop and air announcement of upcoming channel change

Information not provided.

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$4,457,366.48	\$3,567,778.15	\$2,901,782.37

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

06/06/2019

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

06/06/2019

Attachments