



(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 **03/29**
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 Information

Reimbursement Contact Name and 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

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

**Primary
Transmitter**

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	ULXTE-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.

**Primary
Transmitter**

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
	Type	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 leasehold 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
RF Accessories		additional RF components required for transmitter operation
Shipping		transmitter shipping
Transmitter de-install		removal of old transmitter
Electrical Accessories		Manufacturer required surge protection
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

**Primary
Antenna**

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 Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Bottom
	Polarization	Horizontal
	Type	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-R06
Year	2002

**Primary
Antenna**

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 Manufacturer and Types	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Bottom
	Polarization	Horizontal
	Type	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-R06
Year	2018
Justification for New Antenna	Current antenna is channel specific and cannot be used on post-transition channel. Antenna must be replaced.

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Type	
	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

**Primary
Antenna**

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 Manufacturer and Type	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	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.
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Interim Antenna

Other Antenna Costs

Section	Question	Response
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	B
	Feed Line Size	6 1/8 inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an 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

Interim
Antenna

Other Antenna Cost Not Listed

Name	Description
Shipping	antenna shipping
Sales Tax	antenna sales tax

Transmission Line

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

Primary Transmission Line**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 Line Manufacturer and Type	Manufacturer	Dielectric
	Type	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 Transmission Line

Other Transmission Line Expenses Not Listed

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 Transmission Line

New Transmission Line

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

Interim Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Sales Tax	transmission line sales tax

Additional TL Components	additional elbows, hangers etc. to complete transmission line run
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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 Registration	Do you have a tower registration number?	Yes
	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
Tower Consulting	tower consulting and tower project management
Land clearing	remove trees and brush. Required for tower modifications.
Power line relocation	relocation of electrical lines to allow crew access

**Outside
Professional Services Costs**

Section	Question	Response
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 Services	Prepare and file Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes

	Prepare request for Special Temporary Authority	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 Services Costs

Other Professional Services Expenses Not Listed

Name	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)
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**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	Other Expenses Not Listed
	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 ULXTE-72	\$1,823,585.35	\$1,520,069.36		\$1,282,067.24	
Other Electrical Service: transmitter installation electrical service. See attached Bertke Electric quote.	<i>\$99,688.00</i>	\$99,688.00	transmitter installation electrical service. See attached Bertke Electrical quote.	\$0.00	N/A
Shipping	<i>\$13,500.00</i>	\$13,500.00	shipping per attached GatesAir quote	\$0.00	N/A
Sales Tax	<i>\$89,769.00</i>	\$89,769.00	estimated transmitter sales tax	\$82,820.08	N/A
Transmitter Room Modification	<i>\$16,103.13</i>	\$16,103.13	building mods required for new transmitter	\$16,103.13	N/A
Electrical Accessories	<i>\$3,884.98</i>	\$3,884.98	Manufacturer required surge protection	\$3,884.98	N/A

Transmitter de-install	\$25,550.85	\$25,550.85	removal of old transmitter to make room for replacement	\$0.00	N/A
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
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
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$16,867.80	N/A	\$16,867.80	N/A
Sub-total	\$1,823,585.35	\$1,520,069.36	N/A	\$1,282,067.24	N/A
Total for all systems	\$4,349,602.73	\$3,475,284.74	N/A	\$2,724,698.06	N/A

Components

Actual Information

Description

File Name

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

UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	<div> Component Description: Transmitter 2nd deposit </div> <div> Amount: \$264,187.87 </div>
	<div> Component Description: WLWT transmitter delivery payment </div> <div> Amount: \$260,556.40 </div>
	<div> Component Description: Transmitter 1st deposit </div> <div> Amount: \$138,687.85 </div>
	<div> Component Description: WLWT GatesAir transmitter 1/3 prior to ship </div> <div> Amount: \$433,669.74 </div>
Transformer 3 phase/480v - 300 KVA	<div> Component Description: WLWT transmitter electrical transformers </div> <div> Amount: \$16,867.80 </div>

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	\$144,035.00	\$141,005.00		\$125,873.27	
Sales Tax	<i>\$7,605.00</i>	\$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	<i>\$108,640.00</i>	\$108,640.00	antenna price per attached Dielectric quote	\$122,193.27	Progress payments - not itemized
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$0.00	N/A
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	\$13,700.00	\$11,000.00	N/A	N/A	N/A

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	\$451,222.00	\$572,186.00	N/A	\$498,513.27	N/A
Total for all systems	\$4,349,602.73	\$3,475,284.74	N/A	\$2,724,698.06	N/A

Components

Actual Information	
Description	File Name
Sales Tax	Information not provided.
UHF - High Power, Side Mount, basic slot antenna, 16 bay,, 500 kW input, directional,, horizontally polarized	<div> <div>Component Description:</div> <div>Dielectric WLWT Interim Antenna 45% progress payment (10% down and 35% with order equals). Supporting documentation included.</div> <div>Amount:</div> <div>\$59,720.40</div> </div> <div> <div>Component Description:</div> <div>WLWT Dielectric interim antenna payment 2 - 45% prior to ship. Supporting documentation included.</div> <div>Amount:</div> <div>\$62,472.87</div> </div>

Sweep test of existing antenna	Information not provided.
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.
Shipping	<div> <div> Component Description: Amount: </div> <div> WLWT interim antenna shipping to site \$3,680.00 </div> </div>
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	<div> <div> Component Description: Amount: </div> <div> WLWT main antenna payment 3 rev \$9,021.10 </div> </div> <div> <div> Component Description: Amount: </div> <div> WLWT main antenna payment 45% prior to ship \$181,809.45 </div> </div> <div> <div> Component Description: Amount: </div> <div> Dielectric WLWT Main Antenna and Elbow complex; 9.13.2017; \$181,809.45; progress payments 10% & 35% \$181,809.45 </div> </div>
Sweep test of existing antenna	Information not provided.
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.
Antenna accessories	Information not provided.
Sales Tax	Information not provided.

Shipping	Information not provided.
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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
Interim Transmission Line	\$183,848.00	\$182,531.00		\$159,038.45	
Additional TL Components	<i>\$35,000.00</i>	\$35,000.00	see associated Dielectric invoice	\$34,264.09	N/A
Sales Tax	<i>\$9,648.00</i>	\$9,648.00	estimated transmission line sales tax based on Ohio state and local sales tax rate of 75	N/A	N/A
Rigid Transmission Line - copper, 6 1/8" broadband	\$139,200.00	\$137,883.00	transmission line price per attached Dielectric quote	\$124,774.36	N/A
Primary Transmission Line	\$103,329.84	\$103,329.84		\$43,638.52	
Line sweep	<i>\$2,758.34</i>	\$2,758.34	see associated invoice	\$2,758.34	N/A

Refurbish Line	\$85,471.50	\$85,471.50	Main 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	\$40,025.00	N/A
Elbows	\$15,100.00	\$15,100.00	see Dielectric invoice	\$855.18	N/A
Sub-total	\$287,177.84	\$285,860.84	N/A	\$202,676.97	N/A
Total for all systems	\$4,349,602.73	\$3,475,284.74	N/A	\$2,724,698.06	N/A

Components

Actual Information	
Description	File Name
Additional TL Components	<p>Component Description: WLWT additional interim transmission line parts</p> <p>Amount: \$34,264.09</p>
Sales Tax	Information not provided.

Rigid Transmission Line - copper, 6 1/8" broadband	<div> Component Description: WLWT transmission line cut pieces shipping </div> <div> Amount: \$679.66 </div>
	<div> Component Description: Dielectric WLWT Interim Transmission line payments 10% down & 35% with order equals 45% of invoice line item 2 </div> <div> Amount: \$62,047.35 </div>
	<div> Component Description: WLWT Dielectric interim transmission line payment 2 - 45% prior to ship </div> <div> Amount: \$62,047.35 </div>
Line sweep	<div> Component Description: WLWT main transmission line sweep </div> <div> Amount: \$2,758.34 </div>

Refurbish Line		
	Component Description:	WLWT main transmission line
		refurb parts 2
	Amount:	\$19,582.50
	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
		refurbish parts
	Amount:	\$14,161.00
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 Justification
Primary Tower LTOWER	\$1,497,478.54	\$821,928.54		\$695,560.47	
Serious tower reinforcement /modifications	\$1,052,000.00	\$650,000.00	N/A	\$527,523.50	N/A
Power line relocation	<i>\$2,458.54</i>	\$2,458.54	see Duke Energy invoice	\$2,458.54	N/A
Tower Consulting	<i>\$6,500.00</i>	\$6,500.00	tower consulting	\$5,677.43	N/A
Land clearing	<i>\$2,920.00</i>	\$2,920.00	Clearing trees and brush required for tower modifications	\$2,920.00	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	\$1,497,478.54	\$821,928.54	N/A	\$695,560.47	N/A

Total for all systems	\$4,349,602.73	\$3,475,284.74	N/A	\$2,724,698.06	N/A
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Components

Actual Information		
Description	File Name	
Serious tower reinforcement /modifications	Component Description:	Deposit for tower modifications per TCI MOU 8-28-17 TCI.PDF
	Amount:	\$44,800.00
	Component Description:	WLWT tower mod change order 1 revision 2
	Amount:	\$85,110.20
	Component Description:	WLWT partial completion payment less non-reimbursable items
	Amount:	\$131,428.50
	Component Description:	WLWT tower modifications 50% initial payment less MOU deposit
	Amount:	\$226,125.00
	Component Description:	WLWT tower mods 20% mobilization less non-reimbursable items
	Amount:	\$125,170.00

Power line relocation	<div> <div>Component Description:</div> <div>WLWT power line relocation</div> <div>Amount:</div> <div>\$2,458.54</div> </div>
Tower Consulting	<div> <div>Component Description:</div> <div>WLWT consultant for on-site tower meeting</div> <div>Amount:</div> <div>\$1,489.43</div> </div> <div> <div>Component Description:</div> <div>WLWT tower consulting invoice 1</div> <div>Amount:</div> <div>\$4,038.00</div> </div> <div> <div>Component Description:</div> <div>WLWT tower consulting invoice 2</div> <div>Amount:</div> <div>\$150.00</div> </div>
Land clearing	<div> <div>Component Description:</div> <div>WLWT tree and brush removal</div> <div>Amount:</div> <div>\$2,920.00</div> </div>

<p>Complex Tower (includes, for example, those with candelabras and/or stacked antennas)</p>	<table> <tr> <td data-bbox="713 100 1114 537"> <p>Component Description:</p> <p>Amount:</p> </td><td data-bbox="1155 100 1426 537"> <p>WLWT Tower Repack Antenna Services -main antenna installation 50% down payment per quote</p> <p>\$75,115.00</p> </td></tr> <tr> <td data-bbox="713 544 1114 896"> <p>Component Description:</p> <p>Amount:</p> </td><td data-bbox="1155 544 1426 896"> <p>WLWT Antenna Services - interim antenna and line installation 50% down payment.</p> <p>\$42,000.00</p> </td></tr> <tr> <td data-bbox="713 902 1114 1142"> <p>Component Description:</p> <p>Amount:</p> </td><td data-bbox="1155 902 1426 1142"> <p>WLWT interim antenna 20% progress payment</p> <p>\$30,046.00</p> </td></tr> </table>	<p>Component Description:</p> <p>Amount:</p>	<p>WLWT Tower Repack Antenna Services -main antenna installation 50% down payment per quote</p> <p>\$75,115.00</p>	<p>Component Description:</p> <p>Amount:</p>	<p>WLWT Antenna Services - interim antenna and line installation 50% down payment.</p> <p>\$42,000.00</p>	<p>Component Description:</p> <p>Amount:</p>	<p>WLWT interim antenna 20% progress payment</p> <p>\$30,046.00</p>
<p>Component Description:</p> <p>Amount:</p>	<p>WLWT Tower Repack Antenna Services -main antenna installation 50% down payment per quote</p> <p>\$75,115.00</p>						
<p>Component Description:</p> <p>Amount:</p>	<p>WLWT Antenna Services - interim antenna and line installation 50% down payment.</p> <p>\$42,000.00</p>						
<p>Component Description:</p> <p>Amount:</p>	<p>WLWT interim antenna 20% progress payment</p> <p>\$30,046.00</p>						
<p>Structural engineering tower load study for well documented tower</p>	<table> <tr> <td data-bbox="713 1149 1114 1433"> <p>Component Description:</p> <p>Amount:</p> </td><td data-bbox="1155 1149 1426 1433"> <p>WLWT tower feasibility structural analysis</p> <p>\$9,820.00</p> </td></tr> </table>	<p>Component Description:</p> <p>Amount:</p>	<p>WLWT tower feasibility structural analysis</p> <p>\$9,820.00</p>				
<p>Component Description:</p> <p>Amount:</p>	<p>WLWT tower feasibility structural analysis</p> <p>\$9,820.00</p>						

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 Cost Justification
Outside Professional Services	\$231,709.00	\$223,559.00		\$35,120.11	
Transmitter Site Survey Sales Tax	<i>\$1,442.00</i>	\$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	<i>\$22,042.00</i>	\$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	<i>\$37,325.00</i>	\$37,325.00	based on attached transmitter security proposal for 90 days.	N/A	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
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 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

Sub-total	\$231,709.00	\$223,559.00	N/A	\$35,120.11	N/A
Total for all systems	\$4,349,602.73	\$3,475,284.74	N/A	\$2,724,698.06	N/A

Components

Actual Information	
Description	File Name
Transmitter Site Survey Sales Tax	<p>Component Description: Ohio sales tax for Transmitter Site Survey (aka Field Service, TV)</p> <p>Amount: \$1,442.00</p>
Transmitter Site Survey	<p>Component Description: WLWT Field Service, GatesAir, 6-30-2017 \$20,600</p> <p>Amount: \$20,600.00</p>
Security	Information not provided.
Non-catalog Legal Expenses	<p>Component Description: WLWT non-catalog legal 2</p> <p>Amount: \$3,690.02</p> <p>Component Description: WLWT non-catalog legal 1</p> <p>Amount: \$2,709.40</p>
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	<p>Component Description: WLWT Prepare and File request for Special Temporary Authorization</p> <p>Amount: \$1,004.20</p>
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	<p>Component Description: WLWT Prepare and File FCC Form 2100, Construction Permit Application 2</p> <p>Amount: \$1,054.53</p> <p>Component Description: WLWT Prepare and File FCC Form 2100, Construction Permit Application</p> <p>Amount: \$792.00</p>
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 engineering section of FCC Form 2100 (main), Construction Permit Application	<p>Component Description: WLWT CP engineering prep</p> <p>Amount: \$1,825.00</p>

<p>Perform engineering study for new channel assignment and antenna development</p>	<table> <tr> <td data-bbox="702 174 1018 208">Component Description:</td><td data-bbox="1145 174 1423 286">WLWT engineering study for new channel assignment</td></tr> <tr> <td data-bbox="702 297 817 331">Amount:</td><td data-bbox="1145 297 1244 331">\$562.50</td></tr> <tr> <td data-bbox="702 432 1018 465">Component Description:</td><td data-bbox="1145 432 1334 510">WLWT antenna development</td></tr> <tr> <td data-bbox="702 521 817 555">Amount:</td><td data-bbox="1145 521 1244 555">\$625.00</td></tr> <tr> <td data-bbox="702 656 1018 689">Component Description:</td><td data-bbox="1145 656 1334 801">WLWT RF consulting for interim antenna development</td></tr> <tr> <td data-bbox="702 813 817 846">Amount:</td><td data-bbox="1145 813 1244 846">\$875.00</td></tr> </table>	Component Description:	WLWT engineering study for new channel assignment	Amount:	\$562.50	Component Description:	WLWT antenna development	Amount:	\$625.00	Component Description:	WLWT RF consulting for interim antenna development	Amount:	\$875.00
Component Description:	WLWT engineering study for new channel assignment												
Amount:	\$562.50												
Component Description:	WLWT antenna development												
Amount:	\$625.00												
Component Description:	WLWT RF consulting for interim antenna development												
Amount:	\$875.00												
<p>Address transition timing and coordination issues w/ other stations and wireless</p>	<p>Information not provided.</p>												
<p>Prepare and or review reimbursement form</p>	<table> <tr> <td data-bbox="702 1137 1018 1171">Component Description:</td><td data-bbox="1145 1137 1423 1283">WLWT Prepare and /or review reimbursement Form 399 2</td></tr> <tr> <td data-bbox="702 1294 817 1328">Amount:</td><td data-bbox="1145 1294 1244 1328">\$300.06</td></tr> <tr> <td data-bbox="702 1440 1018 1473">Component Description:</td><td data-bbox="1145 1440 1423 1585">WLWT Prepare and /or review reimbursement Form 399</td></tr> <tr> <td data-bbox="702 1597 817 1630">Amount:</td><td data-bbox="1145 1597 1267 1630">\$1,082.40</td></tr> </table>	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				
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												

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	\$58,430.00	\$51,681.00		\$10,760.00	
MVPD Notification of Channel Change	<i>\$2,500.00</i>	\$2,500.00	Attorney assistance in coordinating MVPD notification	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$2,500.00</i>	\$2,500.00	Attorney review to ensure FCC compliance	N/A	N/A
Equipment Storage	<i>\$30,500.00</i>	\$30,500.00	antenna storage estimate see attached Dielectric document	\$10,760.00	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$9,740.00</i>	\$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	N/A	N/A
Sub-total	\$58,430.00	\$51,681.00	N/A	\$10,760.00	N/A
Total for all systems	\$4,349,602.73	\$3,475,284.74	N/A	\$2,724,698.06	N/A

Components

Actual Information	
Description	File Name
MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.

Equipment Storage	Component Description:		WLWT interim
	Amount:		antenna storage
			\$3,400.00
	Component Description:		WLWT interim
	Amount:		antenna ship to
			storage
			\$7,360.00
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	Information not provided.		

**Cost
Information**

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$4,349,602.73	\$3,475,284.74	\$2,724,698.06

Reimbursement Status

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

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<p>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.</p>	
		<ol style="list-style-type: none"> 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.

<p>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.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>John Drain <i>Hearst Television SVP Chief Financial Officer</i></p> <p>03/29/2019</p>

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	<p>WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS 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 AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).</p>	
		<ol style="list-style-type: none"> 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. 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. 3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 	

4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD) .
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.

<p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>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.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Douglas Durkee <i>Hearst Television Manager of Spectrum Repack</i></p> <p>03/29/2019</p>

Attachments