



(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 **08/10**  
Submitted: **/2018**

## 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
<b>Existing Transmitter Description</b>	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
<b>Existing Transmitter Manufacturer and Type</b>	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
<b>Electrical Service</b>	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.
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
<b>Channel 14 Costs</b>	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
Shipping	transmitter shipping
RF Accessories	additional RF components required for transmitter operation
Electrical Accessories	Manufacturer required surge protection
Transmitter de-install	removal of old 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

**Primary  
Antenna**

**Existing Antenna Information**

Section	Question	Response
<b>Existing Antenna Description</b>	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
<b>Existing Antenna Manufacturer and Type</b>	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
<b>Combiner for Shared Antenna</b>	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
<b>Elbow Complex</b>	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
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for a high power antenna?	No

<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes

**Primary  
Antenna**

**Other Antenna Cost Not Listed**

Name	Description
<b>Antenna accessories</b>	custom length transmission line & test transition
<b>Shipping</b>	antenna shipping
<b>Sales Tax</b>	antenna sales tax

**Interim  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	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
<b>New Antenna Manufacturer and Type</b>	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
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	B
	Feed Line Size	6 1/8 inches
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for an antenna?	No
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
<b>Sweep Test</b>	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** **Other Transmission Line Expenses Not Listed**

Transmission Line 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

**Interim** **New Transmission Line**

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** **Other Transmission Line Expenses Not Listed**

Transmission Line Name	Description
Sales Tax	transmission line sales tax

**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.

**Outside  
Professional Services Costs**

Section	Question	Response
<b>Outside Project Management Services</b>	Do you require outside project management services?	No
	Number of Hours	N/A
	Explanation	N/A
<b>Outside RF consulting Engineering Services</b>	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
<b>Attorney and Other Outside Consulting Services</b>	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
<b>RF Field Engineering Services</b>	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
<b>Non-catalog Legal Expenses</b>	Non-Catalog expenses for legal advice and services, including financial/reimbursement review, transition reporting, transition procedures, and other transition-related issues.
<b>Security</b>	Security service during tower modifications & antenna installation
<b>Transmitter Site Survey</b>	Transmitter planning survey & transmitter building drawings (aka Field Service, TV)

<b>Transmitter Site Survey Sales Tax</b>	Transmitter planning survey & transmitter building drawings (aka Field Service, TV)
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## Other Expenses

Section	Question	Response
<b>AM Pattern Disturbance</b>	Is an Impact Study needed?	No
	Is Remediation needed?	No
<b>Facility Expenses</b>	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
<b>Permit and Filing Costs</b>	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
<b>Other Miscellaneous Expenses</b>	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

<b>Other Expenses</b>	<b>Other Expenses Not Listed</b>
	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
<b>Primary Transmitter ULXTE-72</b>	<b>\$1,822,910.46</b>	<b>\$1,503,556.57</b>		<b>\$408,815.72</b>	
Sales Tax	<i>\$89,769.00</i>	\$89,769.00	transmitter sales tax per attached GatesAir quote	N/A	N/A
Transmitter Room Modification	<i>\$5,940.00</i>	\$5,940.00	building mods required for new transmitter	\$5,940.00	N/A
Transmitter de-install	<i>\$25,550.85</i>	\$25,550.85	removal of old transmitter to make room for replacement	N/A	N/A
RF Accessories	<i>\$76,720.12</i>	\$76,720.12	Additional RF components required for transmitter operation and integration into current RF environment.	N/A	N/A
Shipping	<i>\$13,500.00</i>	\$13,500.00	shipping per attached GatesAir quote	N/A	N/A

UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$1,178,958.11	GatesAir quote sections A, B & E. This is the transmitter, mask filter, installation and proof per the FCC "transmitter" definition.	\$402,875.72	N/A
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$11,488.00	N/A	N/A	N/A
Other Electrical Service: transmitter installation electrical service. See attached Bertke Electric quote.	<b>\$99,688.00</b>	\$99,688.00	transmitter installation electrical service. See attached Bertke Electrical quote.	N/A	N/A
Electrical Accessories	<b>\$1,942.49</b>	\$1,942.49	Manufacturer required surge protection	N/A	N/A
<b>Sub-total</b>	\$1,822,910.46	\$1,503,556.57	N/A	\$408,815.72	N/A
<b>Total for all systems</b>	\$4,294,869.30	\$3,296,563.41	N/A	\$1,514,080.93	N/A

## Components

Actual Information	
Description	File Name
Sales Tax	Information not provided.

Transmitter Room Modification	<div> <b>Component Description:</b> WLWT AC equipment removal</div> <div> <b>Amount:</b> \$5,940.00 </div>
Transmitter de-install	Information not provided.
RF Accessories	Information not provided.
Shipping	Information not provided.
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	<div> <b>Component Description:</b> Transmitter 2nd deposit</div> <div> <b>Amount:</b> \$264,187.87 </div> <div> <b>Component Description:</b> Transmitter 1st deposit</div> <div> <b>Amount:</b> \$138,687.85 </div>
Transformer 3 phase/480v - 300 KVA	Information not provided.
Other Electrical Service: transmitter installation electrical service. See attached Bertke Electric quote.	Information not provided.
Electrical Accessories	Information not provided.

## 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
<b>Interim Antenna TFU-16WB</b>	<b>\$144,035.00</b>	<b>\$141,005.00</b>		<b>\$122,193.27</b>	
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
UHF - High Power, Side Mount, basic slot antenna, 16 bay,, 500 kW input, directional,, horizontally polarized	<b><i>\$108,640.00</i></b>	\$108,640.00	antenna price per attached Dielectric quote	\$122,193.27	Progress payments - not itemized
Shipping	<b><i>\$7,360.00</i></b>	\$7,360.00	shipping per attached Dielectric quote	\$0.00	N/A

Sales Tax	<b>\$7,605.00</b>	\$7,605.00	estimated antenna sales tax based on Ohio state and local sales tax rate of 7%	N/A	N/A
<b>Primary Antenna TFU-26GBH-R 06</b>	<b>\$307,187.00</b>	<b>\$431,181.00</b>		<b>\$363,618.90</b>	
Sales Tax	<b>\$27,160.00</b>	\$27,160.00	estimated antenna sales tax based on Ohio state and local sales tax rate of 7%	N/A	N/A
Shipping	<b>\$9,613.00</b>	\$9,613.00	shipping per attached Dielectric quote	\$0.00	N/A
Antenna accessories	<b>\$4,384.00</b>	\$4,384.00	RF components need for antenna installation per attached Dielectric quote	\$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
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$0.00	N/A

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	\$363,618.90	N/A
<b>Sub-total</b>	\$451,222.00	\$572,186.00	N/A	\$485,812.17	N/A
<b>Total for all systems</b>	\$4,294,869.30	\$3,296,563.41	N/A	\$1,514,080.93	N/A

## Components

Actual Information	
Description	File Name
Sweep test of existing antenna	Information not provided.
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.

<p>UHF - High Power, Side Mount, basic slot antenna, 16 bay,, 500 kW input, directional,, horizontally polarized</p>	<table> <tr> <td data-bbox="710 168 1013 212"><b>Component Description:</b></td><td data-bbox="1149 168 1412 448"> <p>WLWT Dielectric interim antenna payment 2 - 45% prior to ship. Supporting documentation included.</p> </td></tr> <tr> <td data-bbox="710 448 1013 492"><b>Amount:</b></td><td data-bbox="1149 448 1412 492"> <p>\$62,472.87</p> </td></tr> <tr> <td data-bbox="710 593 1013 638"><b>Component Description:</b></td><td data-bbox="1149 593 1412 940"> <p>Dielectric WLWT Interim Antenna 45% progress payment (10% down and 35% with order equals). Supporting documentation included.</p> </td></tr> <tr> <td data-bbox="710 940 1013 985"><b>Amount:</b></td><td data-bbox="1149 940 1412 985"> <p>\$59,720.40</p> </td></tr> </table>	<b>Component Description:</b>	<p>WLWT Dielectric interim antenna payment 2 - 45% prior to ship. Supporting documentation included.</p>	<b>Amount:</b>	<p>\$62,472.87</p>	<b>Component Description:</b>	<p>Dielectric WLWT Interim Antenna 45% progress payment (10% down and 35% with order equals). Supporting documentation included.</p>	<b>Amount:</b>	<p>\$59,720.40</p>
<b>Component Description:</b>	<p>WLWT Dielectric interim antenna payment 2 - 45% prior to ship. Supporting documentation included.</p>								
<b>Amount:</b>	<p>\$62,472.87</p>								
<b>Component Description:</b>	<p>Dielectric WLWT Interim Antenna 45% progress payment (10% down and 35% with order equals). Supporting documentation included.</p>								
<b>Amount:</b>	<p>\$59,720.40</p>								
Shipping	Information not provided.								
Sales Tax	Information not provided.								
Sales Tax	Information not provided.								
Shipping	Information not provided.								
Antenna accessories	Information not provided.								
<p>Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)</p>	Information not provided.								
Sweep test of existing antenna	Information not provided.								

UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	<b>Component Description:</b>	Dielectric WLWT Main Antenna and Elbow complex; 9.13.2017; \$181,809.45; progress payments 10% & 35%
	<b>Amount:</b>	\$181,809.45
	<b>Component Description:</b>	WLWT main antenna payment 45% prior to ship
	<b>Amount:</b>	\$181,809.45

## 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
<b>Interim Transmission Line</b>	<b>\$148,848.00</b>	<b>\$147,531.00</b>		<b>\$124,094.70</b>	
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	\$124,094.70	N/A
<b>Primary Transmission Line</b>	<b>\$88,229.84</b>	<b>\$88,229.84</b>		<b>\$64,460.84</b>	
Line sweep	<i>\$2,758.34</i>	\$2,758.34	see associated invoice	\$2,758.34	N/A

Refurbish Line	<b>\$85,471.50</b>	\$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	\$61,702.50	N/A
<b>Sub-total</b>	\$237,077.84	\$235,760.84	N/A	\$188,555.54	N/A
<b>Total for all systems</b>	\$4,294,869.30	\$3,296,563.41	N/A	\$1,514,080.93	N/A

## Components

Actual Information	
Description	File Name
Sales Tax	Information not provided.

Rigid Transmission Line - copper, 6 1/8" broadband	<table> <tr> <td data-bbox="707 98 1145 488"><b>Component Description:</b></td><td data-bbox="1145 98 1428 488">Dielectric WLWT Interim Transmission line payments 10% down &amp; 35% with order equals 45% of invoice line item 2</td></tr> <tr> <td data-bbox="707 488 1145 600"><b>Amount:</b></td><td data-bbox="1145 488 1428 600">\$62,047.35</td></tr> <tr> <td data-bbox="707 600 1145 824"><b>Component Description:</b></td><td data-bbox="1145 600 1428 824">WLWT Dielectric interim transmission line payment 2 - 45% prior to ship</td></tr> <tr> <td data-bbox="707 824 1145 925"><b>Amount:</b></td><td data-bbox="1145 824 1428 925">\$62,047.35</td></tr> </table>	<b>Component Description:</b>	Dielectric WLWT Interim Transmission line payments 10% down & 35% with order equals 45% of invoice line item 2	<b>Amount:</b>	\$62,047.35	<b>Component Description:</b>	WLWT Dielectric interim transmission line payment 2 - 45% prior to ship	<b>Amount:</b>	\$62,047.35
<b>Component Description:</b>	Dielectric WLWT Interim Transmission line payments 10% down & 35% with order equals 45% of invoice line item 2								
<b>Amount:</b>	\$62,047.35								
<b>Component Description:</b>	WLWT Dielectric interim transmission line payment 2 - 45% prior to ship								
<b>Amount:</b>	\$62,047.35								
Line sweep	<table> <tr> <td data-bbox="707 925 1145 1115"><b>Component Description:</b></td><td data-bbox="1145 925 1428 1115">WLWT main transmission line sweep</td></tr> <tr> <td data-bbox="707 1115 1145 1214"><b>Amount:</b></td><td data-bbox="1145 1115 1428 1214">\$2,758.34</td></tr> </table>	<b>Component Description:</b>	WLWT main transmission line sweep	<b>Amount:</b>	\$2,758.34				
<b>Component Description:</b>	WLWT main transmission line sweep								
<b>Amount:</b>	\$2,758.34								

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Refurbish Line

**Component Description:** WLWT main  
transmission line  
refurb parts 2  
**Amount:** \$19,582.50

**Component Description:** WLWT main  
transmission line  
refurbish parts  
**Amount:** \$14,161.00

**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

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## 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
<b>Primary Tower LTOWER</b>	<b>\$1,493,520.00</b>	<b>\$709,820.00</b>		<b>\$404,968.00</b>	
Land clearing	<i>\$2,920.00</i>	\$2,920.00	Clearing trees and brush required for tower modifications	\$2,920.00	N/A
Tower Consulting	<i>\$5,000.00</i>	\$5,000.00	tower consulting per attached quote	\$4,188.00	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
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	\$117,115.00	N/A
Serious tower reinforcement /modifications	\$1,052,000.00	\$541,850.00	N/A	\$270,925.00	N/A
<b>Sub-total</b>	<b>\$1,493,520.00</b>	<b>\$709,820.00</b>	N/A	<b>\$404,968.00</b>	N/A
<b>Total for all systems</b>	<b>\$4,294,869.30</b>	<b>\$3,296,563.41</b>	N/A	<b>\$1,514,080.93</b>	N/A

## Components

Actual Information		
Description	File Name	
Land clearing	<b>Component Description:</b>	WLWT tree and brush removal
	<b>Amount:</b>	\$2,920.00
Tower Consulting	<b>Component Description:</b>	WLWT tower consulting invoice 2
	<b>Amount:</b>	\$150.00
	<b>Component Description:</b>	WLWT tower consulting invoice 1
	<b>Amount:</b>	\$4,038.00
Structural engineering tower load study for well documented tower	<b>Component Description:</b>	WLWT tower feasibility structural analysis
	<b>Amount:</b>	\$9,820.00

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	<table> <tr> <td data-bbox="715 174 1023 210"><b>Component Description:</b></td><td data-bbox="1157 174 1374 448">WLWT Tower Repack Antenna Services -main antenna installation 50% down payment per quote</td></tr> <tr> <td data-bbox="715 456 826 492"><b>Amount:</b></td><td data-bbox="1157 456 1289 492">\$75,115.00</td></tr> <tr> <td data-bbox="715 595 1023 631"><b>Component Description:</b></td><td data-bbox="1157 595 1361 786">WLWT Antenna Services - interim antenna and line installation 50% down payment.</td></tr> <tr> <td data-bbox="715 795 826 831"><b>Amount:</b></td><td data-bbox="1157 795 1289 831">\$42,000.00</td></tr> </table>	<b>Component Description:</b>	WLWT Tower Repack Antenna Services -main antenna installation 50% down payment per quote	<b>Amount:</b>	\$75,115.00	<b>Component Description:</b>	WLWT Antenna Services - interim antenna and line installation 50% down payment.	<b>Amount:</b>	\$42,000.00
<b>Component Description:</b>	WLWT Tower Repack Antenna Services -main antenna installation 50% down payment per quote								
<b>Amount:</b>	\$75,115.00								
<b>Component Description:</b>	WLWT Antenna Services - interim antenna and line installation 50% down payment.								
<b>Amount:</b>	\$42,000.00								
Serious tower reinforcement /modifications	<table> <tr> <td data-bbox="715 967 1023 1003"><b>Component Description:</b></td><td data-bbox="1157 967 1366 1120">Deposit for tower modifications per TCI MOU 8-28-17 TCI.PDF</td></tr> <tr> <td data-bbox="715 1128 826 1164"><b>Amount:</b></td><td data-bbox="1157 1128 1289 1164">\$44,800.00</td></tr> <tr> <td data-bbox="715 1267 1023 1303"><b>Component Description:</b></td><td data-bbox="1157 1267 1369 1420">WLWT tower modifications 50% initial payment less MOU deposit</td></tr> <tr> <td data-bbox="715 1429 826 1464"><b>Amount:</b></td><td data-bbox="1157 1429 1302 1464">\$226,125.00</td></tr> </table>	<b>Component Description:</b>	Deposit for tower modifications per TCI MOU 8-28-17 TCI.PDF	<b>Amount:</b>	\$44,800.00	<b>Component Description:</b>	WLWT tower modifications 50% initial payment less MOU deposit	<b>Amount:</b>	\$226,125.00
<b>Component Description:</b>	Deposit for tower modifications per TCI MOU 8-28-17 TCI.PDF								
<b>Amount:</b>	\$44,800.00								
<b>Component Description:</b>	WLWT tower modifications 50% initial payment less MOU deposit								
<b>Amount:</b>	\$226,125.00								

## 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 Cost Justification
<b>Outside Professional Services</b>	<b>\$231,709.00</b>	<b>\$223,559.00</b>		<b>\$25,929.50</b>	
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)	\$1,442.00	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
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	N/A	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	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

Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$2,062.50	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	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 engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,825.00	N/A
Non-catalog Legal Expenses	<b>\$25,000.00</b>	\$25,000.00	Non-Catalog expenses for legal advice and services, including financial /reimbursement review, transition reporting, transition procedures, and other transition-related issues.	N/A	N/A
<b>Sub-total</b>	\$231,709.00	\$223,559.00	N/A	\$25,929.50	N/A
<b>Total for all systems</b>	\$4,294,869.30	\$3,296,563.41	N/A	\$1,514,080.93	N/A

## Components

Actual Information	
Description	File Name
Transmitter Site Survey Sales Tax	<p><b>Component Description:</b> Ohio sales tax for Transmitter Site Survey (aka Field Service, TV)</p> <p><b>Amount:</b> \$1,442.00</p>
Transmitter Site Survey	<p><b>Component Description:</b> WLWT Field Service, GatesAir, 6-30-2017 \$20,600</p> <p><b>Amount:</b> \$20,600.00</p>
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	Information not provided.
Attorney Fees - Negotiation of lease and other matters for shared locations	Information not provided.
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.
Prepare request for Special Temporary Authorization	Information not provided.
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.

Perform engineering study for new channel assignment and antenna development	<b>Component Description:</b>		WLWT engineering study for new channel assignment
	<b>Amount:</b>		\$562.50
	<b>Component Description:</b>		WLWT antenna development
	<b>Amount:</b>		\$625.00
	<b>Component Description:</b>		WLWT RF consulting for interim antenna development
	<b>Amount:</b>		\$875.00
Prepare and or review reimbursement form	Information not provided.		
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.		
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<b>Component Description:</b>		WLWT CP engineering prep
	<b>Amount:</b>		\$1,825.00
Non-catalog Legal Expenses	Information not provided.		

## 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
<b>Other Expenses</b>	<b>\$58,430.00</b>	<b>\$51,681.00</b>		<b>\$0.00</b>	
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	N/A	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
<b>Sub-total</b>	\$58,430.00	\$51,681.00	N/A	\$0.00	N/A
<b>Total for all systems</b>	\$4,294,869.30	\$3,296,563.41	N/A	\$1,514,080.93	N/A

## Components

Information not provided.

**Cost  
Information**

**Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$4,294,869.30	\$3,296,563.41	\$1,514,080.93

**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"> <li>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.</li> <li>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>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.</li> </ol>	

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><b>John Drain</b>  <i>Hearst  Television  SVP Chief  Financial  Officer</i></p> <p>08/10/2018</p>

## Attachments