



(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 **05/12**
Submitted: **/2021**

Applicant Information

Applicant Name, Type, and Contact Information

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

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
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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
RF Sweep	RF sweep of the existing RF infrastructure in the transmitter building to determine what components would work with the WLWT's post-repack channel 20
Transmitter Room Modification	remove equipment, walls etc. to make room for new transmitter
Heat Exchanger Filters	Filters to prevent debris embedding in cooling fins
Shipping	transmitter shipping
Electrical Accessories	Manufacturer required surge protection
Sales Tax	transmitter sales tax
RF System Modifications	changes to RF system required for installation of repack transmitter
Transmitter installation incidentals	equipment and supplies needed for transmitter installation
Transmitter de-install	removal of old transmitter

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?	
	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?	

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?	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
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
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 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	3
	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
Security	Security service during tower modifications & antenna installation
Transmitter Site Survey	Transmitter planning survey & transmitter building drawings (aka Field Service, TV)
Transmitter Site Survey Sales Tax	Transmitter planning survey & transmitter building drawings (aka Field Service, TV)

Non-catalog Legal Expenses	Non-Catalog expenses for legal advice and services, including financial/reimbursement review, transition reporting, transition procedures, and other transition-related issues.
Consulting-Project Management	Project Management and/or Consulting

Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	No
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	Yes
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	Yes
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

**Other
Expenses**

Other Expenses Not Listed

Name	Description
Contract Labor	labor directly related to the station channel change
in-house labor	in-house labor directly related to station's repack
Tower site restoraton	repair damage due to heavy equipment at tower site

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	\$1,901,185.61	\$1,600,920.42		\$1,600,920.42	
Transmitter de-install	<i>\$34,177.33</i>	\$34,177.33	removal of old transmitter to make room for replacement	\$34,177.33	N/A
Transmitter installation incidentals	<i>\$5,455.47</i>	\$5,455.47	parts, supplies and equipment needed for transmitter installation	\$5,455.47	N/A
RF System Modifications	<i>\$31,112.93</i>	\$31,112.93	RF system modifications required to allow repack transmitter installation	\$31,112.93	N/A
Sales Tax	<i>\$94,714.17</i>	\$94,714.17	transmitter and transmitter parts sales tax	\$94,714.17	N/A
Shipping	<i>\$17,483.11</i>	\$17,483.11	shipping per attached GatesAir invoice	\$17,483.11	N/A
Heat Exchanger Filters	<i>\$1,000.00</i>	\$1,000.00	per quote	\$1,000.00	N/A

Transmitter Room Modification	\$35,647.23	\$35,647.23	building mods required for new transmitter	\$35,647.23	N/A
RF Sweep	\$6,400.00	\$6,400.00	RF sweep of the existing RF infrastructure in the transmitter building to determine what components would work with the WLWT's post-repack channel 20.	\$6,400.00	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
Other Electrical Service: transmitter installation electrical service. See attached Bertke Electric quote.	\$96,221.00	\$96,221.00	per Bertke Electrical invoices	\$96,221.00	N/A
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$16,867.80	N/A	\$16,867.80	N/A

Electrical Accessories	\$3,884.98	\$3,884.98	Manufacturer required surge protection	\$3,884.98	N/A
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$1,192,667.01	GatesAir quote sections A, B & E. plus change orders	\$1,192,667.01	N/A
Sub-total	\$1,901,185.61	\$1,600,920.42	N/A	\$1,600,920.42	N/A
Total for all systems	\$4,497,586.09	\$3,611,995.87	N/A	\$3,611,995.87	N/A

Components

Actual Information	
Description	File Name
Transmitter de-install	<div> <div>Component Description:</div> <div>WLWT GA transmitter de-install</div> </div> <div> <div>Amount:</div> <div>\$25,550.85</div> </div> <div> <div>Component Description:</div> <div>WLWT de-install forklift rental 2</div> </div> <div> <div>Amount:</div> <div>\$1,631.56</div> </div> <div> <div>Component Description:</div> <div>WLWT old transmitter outside equipment removal</div> </div> <div> <div>Amount:</div> <div>\$3,955.00</div> </div> <div> <div>Component Description:</div> <div>WLWT de-install forklift rental 1</div> </div> <div> <div>Amount:</div> <div>\$3,039.92</div> </div>

Transmitter installation
incidentals

Component Description: WLWT transmitter
installation
incidentals 1
Amount: \$421.62

Component Description: WLWT forklift
rental for
transmitter
installation
Amount: \$874.58

Component Description: WLWT transmitter
installation
incidentals 4
Amount: \$184.91

Component Description: WLWT scissorlift
rental for
transmitter
installation
Amount: \$466.65

Component Description: WLWT transmitter
installation
incidentals 3
Amount: \$675.45

Component Description: WLWT transmitter
installation
incidentals 2
Amount: \$2,832.26

RF System Modifications

Component Description: WLWT RF
reconfiguration
parts shipping 1
Amount: \$760.39

Component Description: WLWT RF
reconfiguration
parts 1
Amount: \$13,044.11

Component Description: WLWT waveguide
switch rev
Amount: \$16,674.68

Component Description: WLWT waveguide
switch bracket
shipping rev
Amount: \$470.65

Component Description: WLWT RF switch
cable
Amount: \$163.10

Sales Tax	<table> <tr> <td data-bbox="708 174 1015 210">Component Description:</td><td data-bbox="1150 174 1362 286">WLWT transmitter RF components sales tax</td></tr> <tr> <td data-bbox="708 297 815 333">Amount:</td><td data-bbox="1150 297 1267 333">\$2,192.16</td></tr> <tr><td colspan="2"> </td></tr> <tr> <td data-bbox="708 434 1015 470">Component Description:</td><td data-bbox="1150 434 1362 506">WLWT transmitter sales tax 3</td></tr> <tr> <td data-bbox="708 517 815 553">Amount:</td><td data-bbox="1150 517 1267 553">\$1,788.56</td></tr> <tr><td colspan="2"> </td></tr> <tr> <td data-bbox="708 654 1015 689">Component Description:</td><td data-bbox="1150 654 1362 725">WLWT transmitter sales tax 2</td></tr> <tr> <td data-bbox="708 736 815 772">Amount:</td><td data-bbox="1150 736 1267 772">\$7,913.37</td></tr> <tr><td colspan="2"> </td></tr> <tr> <td data-bbox="708 871 1015 907">Component Description:</td><td data-bbox="1150 871 1362 943">WLWT transmitter sales tax</td></tr> <tr> <td data-bbox="708 954 815 990">Amount:</td><td data-bbox="1150 954 1283 990">\$82,820.08</td></tr> </table>	Component Description:	WLWT transmitter RF components sales tax	Amount:	\$2,192.16			Component Description:	WLWT transmitter sales tax 3	Amount:	\$1,788.56			Component Description:	WLWT transmitter sales tax 2	Amount:	\$7,913.37			Component Description:	WLWT transmitter sales tax	Amount:	\$82,820.08
Component Description:	WLWT transmitter RF components sales tax																						
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Component Description:	WLWT transmitter sales tax																						
Amount:	\$82,820.08																						
Shipping	<table> <tr> <td data-bbox="708 1124 1015 1160">Component Description:</td><td data-bbox="1150 1124 1362 1196">WLWT transmitter shipping</td></tr> <tr> <td data-bbox="708 1207 815 1243">Amount:</td><td data-bbox="1150 1207 1283 1243">\$17,483.11</td></tr> </table>	Component Description:	WLWT transmitter shipping	Amount:	\$17,483.11																		
Component Description:	WLWT transmitter shipping																						
Amount:	\$17,483.11																						
Heat Exchanger Filters	<table> <tr> <td data-bbox="708 1379 1015 1415">Component Description:</td><td data-bbox="1150 1379 1342 1451">WLWT heat exchanger filters</td></tr> <tr> <td data-bbox="708 1462 815 1498">Amount:</td><td data-bbox="1150 1462 1267 1498">\$1,000.00</td></tr> </table>	Component Description:	WLWT heat exchanger filters	Amount:	\$1,000.00																		
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Transmitter Room Modification	<div> Component Description: WLWT transmitter building mods 2 </div> <div> Amount: \$1,944.00 </div> <div> Component Description: WLWT transmitter building mods 3 rev </div> <div> Amount: \$7,620.11 </div> <div> Component Description: WLWT fencing for transmitter heat exchangers </div> <div> Amount: \$9,420.00 </div> <div> Component Description: WLWT AC equipment removal </div> <div> Amount: \$5,940.00 </div> <div> Component Description: WLWT scissor lift rental </div> <div> Amount: \$559.99 </div> <div> Component Description: WLWT transmitter building mods </div> <div> Amount: \$10,163.13 </div>
RF Sweep	<div> Component Description: WLWT RF sweep of existing switch to test compatibility with channel 20 </div> <div> Amount: \$6,400.00 </div>
RF Accessories	<div> Component Description: WLWT transmitter RF accessories </div> <div> Amount: \$65,289.39 </div>

<p>Other Electrical Service: transmitter installation electrical service. See attached Bertke Electric quote.</p>	<table> <tr> <td data-bbox="708 174 1015 208">Component Description:</td><td data-bbox="1150 174 1362 286">WLWT transmitter electrical installation 2</td></tr> <tr> <td data-bbox="708 297 815 331">Amount:</td><td data-bbox="1150 297 1283 331">\$48,110.50</td></tr> <tr> <td data-bbox="708 432 1015 465">Component Description:</td><td data-bbox="1150 432 1362 544">WLWT transmitter electrical installation 1</td></tr> <tr> <td data-bbox="708 555 815 589">Amount:</td><td data-bbox="1150 555 1283 589">\$48,110.50</td></tr> </table>	Component Description:	WLWT transmitter electrical installation 2	Amount:	\$48,110.50	Component Description:	WLWT transmitter electrical installation 1	Amount:	\$48,110.50
Component Description:	WLWT transmitter electrical installation 2								
Amount:	\$48,110.50								
Component Description:	WLWT transmitter electrical installation 1								
Amount:	\$48,110.50								
<p>Transformer 3 phase/480v - 300 KVA</p>	<table> <tr> <td data-bbox="708 721 1015 754">Component Description:</td><td data-bbox="1150 721 1362 833">WLWT transmitter electrical transformers</td></tr> <tr> <td data-bbox="708 844 815 878">Amount:</td><td data-bbox="1150 844 1283 878">\$16,867.80</td></tr> </table>	Component Description:	WLWT transmitter electrical transformers	Amount:	\$16,867.80				
Component Description:	WLWT transmitter electrical transformers								
Amount:	\$16,867.80								
<p>Electrical Accessories</p>	<table> <tr> <td data-bbox="708 1012 1015 1046">Component Description:</td><td data-bbox="1150 1012 1362 1124">WLWT transmitter electrical accessories</td></tr> <tr> <td data-bbox="708 1135 815 1169">Amount:</td><td data-bbox="1150 1135 1267 1169">\$3,884.98</td></tr> </table>	Component Description:	WLWT transmitter electrical accessories	Amount:	\$3,884.98				
Component Description:	WLWT transmitter electrical accessories								
Amount:	\$3,884.98								

UHF - Liquid Cooled Solid
State Transmitter 35 - 50
kW

Component Description: Transmitter 2nd
deposit
Amount: \$264,187.87

Component Description: WLWT transmitter
delivery payment
Amount: \$260,556.40

Component Description: WLWT GatesAir
transmitter 1/3
prior to ship
Amount: \$433,669.74

Component Description: Transmitter 1st
deposit
Amount: \$138,687.85

Component Description: WLWT transmitter
installation
Amount: \$95,565.15

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	\$168,444.92	\$149,464.92		\$149,464.92	
Sales Tax	<i>\$9,245.51</i>	\$9,245.51	interim antenna sales tax	\$9,245.51	N/A
Shipping	<i>\$5,552.81</i>	\$5,552.81	shipping per attached Dielectric invoice	\$5,552.81	N/A
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	\$6,400.00	N/A
UHF - High Power, Side Mount, basic slot antenna, 16 bay,, 500 kW input, directional,, horizontally polarized	<i>\$123,766.60</i>	\$123,766.60	per invoices	\$123,766.60	Progress payments - not itemized

Primary Antenna TFU-26GBH-R 06	\$313,721.48	\$437,715.48		\$437,715.48	
Shipping	\$9,613.00	\$9,613.00	shipping per attached Dielectric quote	\$9,613.00	N/A
Antenna accessories	\$13,444.93	\$13,444.93	RF components need for antenna installation per Dielectric invoices	\$13,444.93	N/A
Sales Tax	\$24,633.55	\$24,633.55	main antenna sales tax	\$24,633.55	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$10,984.00	N/A	\$10,984.00	N/A
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	\$6,400.00	N/A
Sub-total	\$482,166.40	\$587,180.40	N/A	\$587,180.40	N/A

Total for all systems	\$4,497,586.09	\$3,611,995.87	N/A	\$3,611,995.87	N/A
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Components

Actual Information	
Description	File Name
Sales Tax	<p>Component Description: WLWT interim antenna sales tax</p> <p>Amount: \$9,245.51</p>
Shipping	<p>Component Description: WLWT interim antenna shipping to site</p> <p>Amount: \$3,680.00</p> <p>Component Description: WLWT interim antenna custom TL shipping rev2</p> <p>Amount: \$820.73</p> <p>Component Description: WLWT interim antenna custom line section shipping rev</p> <p>Amount: \$1,052.08</p>
Side mount brackets for high power antennas (if not included in antenna base cost)	<p>Component Description: WLWT side mount bracket redesign</p> <p>Amount: \$4,500.00</p>
Sweep test of existing antenna	<p>Component Description: WLWT interim antenna sweep rev2</p> <p>Amount: \$6,400.00</p>

<p>UHF - High Power, Side Mount, basic slot antenna, 16 bay,, 500 kW input, directional,, horizontally polarized</p>	<table> <tr> <td data-bbox="708 174 1015 210">Component Description:</td><td data-bbox="1150 174 1377 244">WLWT interim antenna payment 3</td></tr> <tr> <td data-bbox="708 255 818 291">Amount:</td><td data-bbox="1150 255 1270 291">\$1,573.33</td></tr> <tr> <td data-bbox="708 398 1015 434">Component Description:</td><td data-bbox="1150 398 1366 741">Dielectric WLWT Interim Antenna 45% progress payment (10% down and 35% with order equals). Supporting documentation included.</td></tr> <tr> <td data-bbox="708 752 818 788">Amount:</td><td data-bbox="1150 752 1283 788">\$59,720.40</td></tr> <tr> <td data-bbox="708 893 1015 929">Component Description:</td><td data-bbox="1150 893 1350 1160">WLWT Dielectric interim antenna payment 2 - 45% prior to ship. Supporting documentation included.</td></tr> <tr> <td data-bbox="708 1171 818 1207">Amount:</td><td data-bbox="1150 1171 1283 1207">\$62,472.87</td></tr> </table>	Component Description:	WLWT interim antenna payment 3	Amount:	\$1,573.33	Component Description:	Dielectric WLWT Interim Antenna 45% progress payment (10% down and 35% with order equals). Supporting documentation included.	Amount:	\$59,720.40	Component Description:	WLWT Dielectric interim antenna payment 2 - 45% prior to ship. Supporting documentation included.	Amount:	\$62,472.87
Component Description:	WLWT interim antenna payment 3												
Amount:	\$1,573.33												
Component Description:	Dielectric WLWT Interim Antenna 45% progress payment (10% down and 35% with order equals). Supporting documentation included.												
Amount:	\$59,720.40												
Component Description:	WLWT Dielectric interim antenna payment 2 - 45% prior to ship. Supporting documentation included.												
Amount:	\$62,472.87												
<p>Shipping</p>	<table> <tr> <td data-bbox="708 1346 1015 1382">Component Description:</td><td data-bbox="1150 1346 1350 1456">WLWT main antenna shipping rev2</td></tr> <tr> <td data-bbox="708 1467 818 1503">Amount:</td><td data-bbox="1150 1467 1270 1503">\$9,613.00</td></tr> </table>	Component Description:	WLWT main antenna shipping rev2	Amount:	\$9,613.00								
Component Description:	WLWT main antenna shipping rev2												
Amount:	\$9,613.00												

Antenna accessories	Component Description:	WLWT custom length transmission line 2 rev
	Amount:	\$910.00
	Component Description:	WLWT test transition
	Amount:	\$2,420.00
	Component Description:	WLWT custom TL shipping 2 rev2
	Amount:	\$425.40
	Component Description:	WLWT cable for Antenna Obstruction Light
	Amount:	\$664.13
	Component Description:	WLWT main antenna additional parts and shipping
	Amount:	\$6,802.01
	Component Description:	WLWT custom length transmission line rev
	Amount:	\$1,820.00
	Component Description:	WLWT custom TL shipping rev2
	Amount:	\$403.39
Sales Tax	Component Description:	WLWT main antenna sales tax
	Amount:	\$24,633.55

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	Component Description: WLWT main antenna elbow complex Amount: \$10,984.00
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	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 Component Description: WLWT main antenna payment 3 rev Amount: \$9,021.10
Sweep test of existing antenna	Component Description: WLWT main antenna sweep Amount: \$6,400.00

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	\$238,990.79	\$238,353.45		\$238,353.45	
Additional TL Components	<i>\$85,602.51</i>	\$85,602.51	additional transmission line components needed to complete installation	\$85,602.51	N/A
Sales Tax	<i>\$14,188.28</i>	\$14,188.28	transmission line sales tax	\$14,188.28	N/A
Rigid Transmission Line - copper, 6 1/8" broadband	\$139,200.00	\$138,562.66	transmission line price per attached Dielectric quote	\$138,562.66	N/A
Primary Transmission Line	\$17,774.52	\$17,774.52		\$17,774.52	
Elbows	<i>\$855.18</i>	\$855.18	see Dielectric invoice	\$855.18	N/A
Refurbish Line	<i>\$14,161.00</i>	\$14,161.00	transmission line parts	\$14,161.00	N/A
Line sweep	<i>\$2,758.34</i>	\$2,758.34	see associated invoice	\$2,758.34	N/A
Sub-total	\$256,765.31	\$256,127.97	N/A	\$256,127.97	N/A
Total for all systems	\$4,497,586.09	\$3,611,995.87	N/A	\$3,611,995.87	N/A

Components

Actual Information	
Description	File Name
Additional TL Components	
	Component Description: WLWT additional interim transmission line parts
	Amount: \$34,264.09
	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 interim transmission line custom elbows
	Amount: \$16,030.00

	Component Description:	WLWT additional interim transmission line parts shipping 3
	Amount:	\$370.86
	Component Description:	WLWT additional interim transmission line parts 4
	Amount:	\$1,302.00
	Component Description:	WLWT additional interim transmission line parts shipping 5
	Amount:	\$2,141.10
	Component Description:	WLWT additional interim transmission line parts 2
	Amount:	\$27,469.50
	Component Description:	WLWT additional interim transmission line parts shipping 4
	Amount:	\$344.26
Sales Tax	Component Description:	WLWT interim transmission line sales tax
	Amount:	\$14,188.28

Rigid Transmission Line - copper, 6 1/8" broadband	<div> Component Description: WLWT interim transmission line payment 3 </div> <div> Amount: \$13,788.30 </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 transmission line cut pieces shipping </div> <div> Amount: \$679.66 </div>
	<div> Component Description: WLWT Dielectric interim transmission line payment 2 - 45% prior to ship </div> <div> Amount: \$62,047.35 </div>
Elbows	<div> Component Description: WLWT main transmission line elbows shipping </div> <div> Amount: \$855.18 </div>

Refurbish Line	Component Description:	Credit for transmission line refurbishing
	Amount:	(\$25,864.00)
	Component Description:	WLWT shipping main transmission line refurb parts 2
	Amount:	\$2,095.00
	Component Description:	WLWT main transmission line refurbish parts
	Amount:	\$14,161.00
Line sweep	Component Description:	WLWT main transmission line refurb parts 2
	Amount:	\$19,582.50
	Component Description:	WLWT main transmission line refurbish 1
	Amount:	\$25,864.00
	Component Description:	WLWT main transmission line sweep
	Amount:	\$2,758.34

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	\$1,517,980.97	\$975,166.29		\$975,166.29	
Serious tower reinforcement /modifications	\$1,052,000.00	\$660,353.32	N/A	\$660,353.32	-
Tower Consulting	<i>\$5,752.43</i>	\$5,752.43	tower consulting	\$5,752.43	N/A
Land clearing	<i>\$24,170.00</i>	\$24,170.00	Clearing trees/brush and moving fences required for tower modifications	\$24,170.00	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$272,612.00	N/A	\$272,612.00	N/A
Power line relocation	<i>\$2,458.54</i>	\$2,458.54	see Duke Energy invoice	\$2,458.54	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$9,820.00	Quote TCI-16-104 - WLWT - Cincinnati OH - Analysis.pdf	\$9,820.00	N/A
Sub-total	\$1,517,980.97	\$975,166.29	N/A	\$975,166.29	N/A

Total for all systems	\$4,497,586.09	\$3,611,995.87	N/A	\$3,611,995.87	N/A
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Components

Actual Information	
Description	File Name

Serious tower reinforcement /modifications	Component Description: Amount:	WLWT tower mods 20% mobilization less non-reimbursable items \$125,170.00
	Component Description: Amount:	WLWT tower mods completion \$48,766.50
	Component Description: Amount:	WLWT tower modifications 50% initial payment less MOU deposit \$226,125.00
	Component Description: Amount:	WLWT tower mod change order 1 revision 3 \$84,063.32
	Component Description: Amount:	Deposit for tower modifications per TCI MOU 8-28-17 TCI.PDF \$44,800.00
	Component Description: Amount:	WLWT partial completion payment less non- reimbursable items \$131,428.50

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

Land clearing	Component Description: Amount:	WLWT tree and brush removal 2 \$5,000.00
	Component Description: Amount:	WLWT fence work 2 \$9,550.00
	Component Description: Amount:	WLWT tree and brush removal \$2,920.00
	Component Description: Amount:	WLWT fence work 3 \$3,450.00
	Component Description: Amount:	WLWT fence work 1 \$3,250.00
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Component Description: Amount:	WLWT antenna services phase 2 mobilization \$29,644.00
	Component Description: Amount:	WLWT antenna services phase 2 completion \$45,069.00
	Component Description: Amount:	WLWT phase 1 antenna services completion \$7,560.00

	Component Description:	WLWT antenna services phase 2 change order rev
	Amount:	\$43,178.00
	Component Description:	WLWT interim antenna 20% progress payment
	Amount:	\$30,046.00
	Component Description:	WLWT Antenna Services - interim antenna and line installation 50% down payment.
	Amount:	\$42,000.00
	Component Description:	WLWT Tower Repack Antenna Services -main antenna installation 50% down payment per quote
	Amount:	\$75,115.00
Power line relocation	Component Description:	WLWT power line relocation
	Amount:	\$2,458.54
Structural engineering tower load study for well documented tower	Component Description:	WLWT tower feasibility structural analysis
	Amount:	\$9,820.00

Cost
Information

Outside Professional Services

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	\$206,312.22	\$67,795.81		\$67,795.81	
Prepare and or review reimbursement form	\$2,630.00	\$1,832.96	N/A	\$1,832.96	N/A
Consulting-Project Management	<i>\$22,000.00</i>	\$22,000.00	N/A	\$22,000.00	N/A
Non-catalog Legal Expenses	<i>\$14,132.22</i>	\$14,132.22	Non-Catalog expenses for legal advice and services, including financial /reimbursement review, transition reporting, transition procedures, and other transition-related issues.	\$14,132.22	N/A

Transmitter Site Survey Sales Tax	\$0.00	\$0.00	***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	\$20,600.00	\$20,600.00	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	\$0.00	\$0.00	based on attached transmitter security proposal for 90 days.	N/A	N/A
RF Exposure Measurements	\$21,050.00	\$0.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$11,040.00	\$2,441.60	N/A	\$2,441.60	N/A

Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$0.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$105.00	N/A	\$105.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$1,846.53	N/A	\$1,846.53	N/A
Prepare request for Special Temporary Authorization	\$4,100.00	\$0.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$250.00	N/A	\$250.00	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$2,525.00	N/A	\$2,525.00	N/A

Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$2,062.50	N/A	\$2,062.50	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$0.00	N/A	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$0.00	N/A	N/A	N/A
Sub-total	\$206,312.22	\$67,795.81	N/A	\$67,795.81	N/A
Total for all systems	\$4,497,586.09	\$3,611,995.87	N/A	\$3,611,995.87	N/A

Components

Actual Information

Description

File Name

Prepare and or review
reimbursement form

Component Description: WLWT Prepare and
/or review
reimbursement
Form 399 5
Amount: \$105.00

Component Description: WLWT Prepare and
/or review
reimbursement
Form 399 2
Amount: \$300.06

Component Description: WLWT Prepare and
/or review
reimbursement
Form 399 4
Amount: \$141.00

Component Description: WLWT Prepare and
/or review
reimbursement
Form 399
Amount: \$1,082.40

Component Description: WLWT Prepare and
/or review
reimbursement
Form 399 3
Amount: \$47.00

Component Description: WLWT Prepare and
/or review
reimbursement
Form 399 6
Amount: \$157.50

Consulting-Project
Management

Component Description: WLWT Stitt
consulting 1
Amount: \$5,000.00

Component Description: WLWT Stitt
consulting 4
Amount: \$9,000.00

Component Description: WLWT Stitt
consulting 5
Amount: \$3,000.00

Component Description: WLWT Stitt
consulting 2
Amount: \$2,000.00

Component Description: WLWT Stitt
consulting 3
Amount: \$3,000.00

Non-catalog Legal Expenses	Component Description:	WLWT non-catalog legal 5
	Amount:	\$1,501.20
	Component Description:	WLWT non-catalog legal 6
	Amount:	\$219.50
	Component Description:	WLWT non-catalog legal 1
	Amount:	\$2,709.40
	Component Description:	WLWT non-catalog legal 2
Transmitter Site Survey Sales Tax	Amount:	\$3,690.02
	Component Description:	WLWT non-catalog legal 4
	Amount:	\$3,738.60
	Component Description:	WLWT non-catalog legal 3
	Amount:	\$1,591.00
	Component Description:	WLWT non-catalog legal 7
	Amount:	\$682.50
	Component Description:	Ohio sales tax for Transmitter Site Survey (aka Field Service, TV)
	Amount:	\$1,442.00

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.
RF Exposure Measurements	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 3</p> <p>Amount: \$552.80</p> <p>Component Description: WLWT Prepare and File request for Special Temporary Authorization 2</p> <p>Amount: \$884.60</p> <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	<p>Component Description: WLWT Prepare and file FCC Form 2100 (main) License to Cover Application</p> <p>Amount: \$105.00</p>

<p>Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application</p>	<table> <tr> <td data-bbox="707 174 1015 210">Component Description:</td><td data-bbox="1147 174 1385 327">WLWT Prepare and File FCC Form 2100, Construction Permit Application 2</td></tr> <tr> <td data-bbox="707 338 815 367">Amount:</td><td data-bbox="1147 338 1267 367">\$1,054.53</td></tr> <tr> <td data-bbox="707 477 1015 512">Component Description:</td><td data-bbox="1147 477 1374 629">WLWT Prepare and File FCC Form 2100, Construction Permit Application</td></tr> <tr> <td data-bbox="707 638 815 667">Amount:</td><td data-bbox="1147 638 1246 667">\$792.00</td></tr> </table>	Component Description:	WLWT Prepare and File FCC Form 2100, Construction Permit Application 2	Amount:	\$1,054.53	Component Description:	WLWT Prepare and File FCC Form 2100, Construction Permit Application	Amount:	\$792.00
Component Description:	WLWT Prepare and File FCC Form 2100, Construction Permit Application 2								
Amount:	\$1,054.53								
Component Description:	WLWT Prepare and File FCC Form 2100, Construction Permit Application								
Amount:	\$792.00								
<p>Prepare request for Special Temporary Authorization</p>	<p>Information not provided.</p>								
<p>Prepare engineering section of FCC Form 2100 (main), License to Cover Application</p>	<table> <tr> <td data-bbox="707 920 1015 956">Component Description:</td><td data-bbox="1147 920 1334 1032">WLWT RF consulting for license to cover</td></tr> <tr> <td data-bbox="707 1043 815 1072">Amount:</td><td data-bbox="1147 1043 1246 1072">\$250.00</td></tr> </table>	Component Description:	WLWT RF consulting for license to cover	Amount:	\$250.00				
Component Description:	WLWT RF consulting for license to cover								
Amount:	\$250.00								
<p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p>	<table> <tr> <td data-bbox="707 1211 1015 1247">Component Description:</td><td data-bbox="1147 1211 1347 1285">WLWT CP engineering mod</td></tr> <tr> <td data-bbox="707 1296 815 1326">Amount:</td><td data-bbox="1147 1296 1246 1326">\$700.00</td></tr> <tr> <td data-bbox="707 1435 1015 1471">Component Description:</td><td data-bbox="1147 1435 1347 1509">WLWT CP engineering prep</td></tr> <tr> <td data-bbox="707 1520 815 1550">Amount:</td><td data-bbox="1147 1520 1267 1550">\$1,825.00</td></tr> </table>	Component Description:	WLWT CP engineering mod	Amount:	\$700.00	Component Description:	WLWT CP engineering prep	Amount:	\$1,825.00
Component Description:	WLWT CP engineering mod								
Amount:	\$700.00								
Component Description:	WLWT CP engineering prep								
Amount:	\$1,825.00								

<p>Perform engineering study for new channel assignment and antenna development</p>	<table> <tr> <td data-bbox="702 174 1018 210">Component Description:</td><td data-bbox="1147 174 1331 327">WLWT RF consulting for interim antenna development</td></tr> <tr> <td data-bbox="702 338 815 367">Amount:</td><td data-bbox="1147 338 1246 367">\$875.00</td></tr> <tr> <td data-bbox="702 477 1018 512">Component Description:</td><td data-bbox="1147 477 1331 546">WLWT antenna development</td></tr> <tr> <td data-bbox="702 557 815 586">Amount:</td><td data-bbox="1147 557 1246 586">\$625.00</td></tr> <tr> <td data-bbox="702 696 1018 732">Component Description:</td><td data-bbox="1147 696 1382 806">WLWT engineering study for new channel assignment</td></tr> <tr> <td data-bbox="702 817 815 846">Amount:</td><td data-bbox="1147 817 1246 846">\$562.50</td></tr> </table>	Component Description:	WLWT RF consulting for interim antenna development	Amount:	\$875.00	Component Description:	WLWT antenna development	Amount:	\$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												
Component Description:	WLWT antenna development												
Amount:	\$625.00												
Component Description:	WLWT engineering study for new channel assignment												
Amount:	\$562.50												
<p>Address transition timing and coordination issues w/ other stations and wireless</p>	<p>Information not provided.</p>												
<p>Comprehensive coverage verification via field study, if needed</p>	<p>Information not provided.</p>												

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	\$133,175.58	\$124,804.98		\$124,804.98	
in-house labor	<i>\$19,397.03</i>	\$19,397.03	per attached documentation	\$19,397.03	N/A
Tower site restoraton	<i>\$42,370.00</i>	\$42,370.00	repair damage to tower site due to heavy equipment used for tower modifications and antenna installations and replacements	\$42,370.00	N/A
Contract Labor	<i>\$4,209.46</i>	\$4,209.46	accounting labor directly related to the Spectrum Repack project	\$4,209.46	N/A
MVPD Notification of Channel Change	<i>\$2,842.40</i>	\$2,842.40	MVPD notification	\$2,842.40	N/A
Develop and air announcement of upcoming channel change	<i>\$0.00</i>	\$0.00	Attorney review to ensure FCC compliance	N/A	N/A
Equipment Storage	<i>\$46,087.00</i>	\$46,087.00	per relevant invoices	\$46,087.00	N/A

Equipment Delivery and Handling Charges	\$4,990.00	\$4,990.00	Transmitter local delivery per invoices	\$4,990.00	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$89.69	\$89.69	per invoice	\$89.69	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$590.00	per FCC receipts	\$590.00	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$335.00	N/A	\$335.00	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$0.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$3,894.40	quote attached	\$3,894.40	N/A
Sub-total	\$133,175.58	\$124,804.98	N/A	\$124,804.98	N/A
Total for all systems	\$4,497,586.09	\$3,611,995.87	N/A	\$3,611,995.87	N/A

Components

Actual Information
Description

File Name

in-house labor	Component Description: WLWT in-house labor 4 Amount: \$4,195.16
	Component Description: WLWT in-house labor 3 Amount: \$3,626.38
	Component Description: WLWT in-house labor 5 Amount: \$2,388.82
	Component Description: WLWT in-house accounting labor 1 Amount: \$5,709.60
	Component Description: WLWT in-house labor 2 Amount: \$3,477.07
Tower site restoraton	Component Description: WLWT transmitter site pavement restoration Amount: \$24,180.00
	Component Description: WLWT tower site restoration 1 Amount: \$6,063.00
	Component Description: WLWT tower site restoration 2 Amount: \$12,127.00

Contract Labor	<div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>WLWT accounting labor</div> <div>\$4,209.46</div> </div>
MVPD Notification of Channel Change	<div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>WLWT MVPD notification</div> <div>\$2,842.40</div> </div>
Develop and air announcement of upcoming channel change	Information not provided.

Equipment Storage	<table> <tr> <td data-bbox="721 174 1027 208">Component Description:</td><td data-bbox="1161 174 1342 286">WLWT interim antenna ship to storage</td></tr> <tr> <td data-bbox="721 297 831 331">Amount:</td><td data-bbox="1161 297 1278 331">\$7,360.00</td></tr> <tr> <td data-bbox="721 432 1027 465">Component Description:</td><td data-bbox="1161 432 1353 510">WLWT interim antenna storage</td></tr> <tr> <td data-bbox="721 521 831 555">Amount:</td><td data-bbox="1161 521 1278 555">\$3,400.00</td></tr> <tr> <td data-bbox="721 656 1027 689">Component Description:</td><td data-bbox="1161 656 1374 734">WLWT transmitter storage 2</td></tr> <tr> <td data-bbox="721 745 831 779">Amount:</td><td data-bbox="1161 745 1262 779">\$400.00</td></tr> <tr> <td data-bbox="721 880 1027 913">Component Description:</td><td data-bbox="1161 880 1353 992">WLWT main antenna storage rev2</td></tr> <tr> <td data-bbox="721 1003 831 1037">Amount:</td><td data-bbox="1161 1003 1294 1037">\$28,450.00</td></tr> <tr> <td data-bbox="721 1137 1027 1171">Component Description:</td><td data-bbox="1161 1137 1374 1216">WLWT transmitter storage 1</td></tr> <tr> <td data-bbox="721 1227 831 1261">Amount:</td><td data-bbox="1161 1227 1278 1261">\$6,077.00</td></tr> <tr> <td data-bbox="721 1361 1027 1395">Component Description:</td><td data-bbox="1161 1361 1374 1440">WLWT transmitter storage 3</td></tr> <tr> <td data-bbox="721 1451 831 1485">Amount:</td><td data-bbox="1161 1451 1262 1485">\$400.00</td></tr> </table>	Component Description:	WLWT interim antenna ship to storage	Amount:	\$7,360.00	Component Description:	WLWT interim antenna storage	Amount:	\$3,400.00	Component Description:	WLWT transmitter storage 2	Amount:	\$400.00	Component Description:	WLWT main antenna storage rev2	Amount:	\$28,450.00	Component Description:	WLWT transmitter storage 1	Amount:	\$6,077.00	Component Description:	WLWT transmitter storage 3	Amount:	\$400.00
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Equipment Delivery and Handling Charges	<table> <tr> <td data-bbox="721 1608 1027 1641">Component Description:</td><td data-bbox="1161 1608 1305 1720">WLWT local transmitter delivery 2</td></tr> <tr> <td data-bbox="721 1731 831 1765">Amount:</td><td data-bbox="1161 1731 1278 1765">\$2,495.00</td></tr> <tr> <td data-bbox="721 1865 1027 1899">Component Description:</td><td data-bbox="1161 1865 1305 1977">WLWT local transmitter delivery 1</td></tr> <tr> <td data-bbox="721 1989 831 2022">Amount:</td><td data-bbox="1161 1989 1278 2022">\$2,495.00</td></tr> </table>	Component Description:	WLWT local transmitter delivery 2	Amount:	\$2,495.00	Component Description:	WLWT local transmitter delivery 1	Amount:	\$2,495.00																
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Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description: WLWT waste container delivery Amount: \$89.69
FCC Filing Fees - Special Temporary Authorization request	Component Description: WLWT Engineering STA Extension Application fee 1 Amount: \$200.00 Component Description: WLWT Engineering STA Extension Application fee 2 Amount: \$200.00 Component Description: WLWT Engineering STA Application fee Amount: \$190.00
FCC Filing Fees - Form 2100 license to cover application	Component Description: WLWT main antenna License To Cover Application fee Amount: \$335.00
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.
DTV Medical Facility Notification	Component Description: WLWT medical notification Amount: \$3,894.40

Cost Information	Grand Total		
		Predetermined Cost Estimate	Estimated Cost Actual Cost
	Total for all systems	\$4,497,586.09	\$3,611,995.87 \$3,611,995.87

Reimbursement Status	Question	Response
	The facility has ceased operating on its pre-auction channel.	Yes
	Construction of final facilities or all necessary modifications are complete.	Yes
	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>05/12/2021</p>

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	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).	
		<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>05/12/2021</p>

Certification	Section	Question	Response
	Submission of Final Allocation or Accounting Information 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 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 acknowledges that all certifications and attached documentation are considered material representations. 2. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount. 	

3. The above-named entity certifies that all costs identified as "actual costs" herein accurately represent the costs actually paid by the above-named entity, including any discounts, refunds, or rebates.
4. 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.
5. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
6. 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 above-named applicant for the Authorization(s) specified above.

**Douglas
Durkee**
*Hearst
Television
Manager of
Spectrum
Repack*

05/12/2021

Attachments