

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

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

ID: Sign:

ID: File

0000026824

Date

Number:

FRN: **0001587609**

08/08

Submitted: /2019

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
OHIO/OKLAHOMA HEARST TELEVISION INC.	C/O BROOKS, PIERCE, ET. AL P.O. BOX 1800 RALEIGH, NC 27602 United States	+1 (919) 839- 0300	mprak@brookspierce. com	Corporation

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email
The Preparer is same as the reimbursement contact.			

Broadcaster Information and Transition Plan

Question	Response
Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	Yes
Briefly describe transition plan	see attached document

Transmitters

S	Section	Question	Response
	Transmitter Related Expenses	Do you have transmitter related expenses?	Yes

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	Sigma CD3300 P3
	Year	2002
	Туре	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	50 kW

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	ULXTE-72
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	47.2 kW
	Justification for New Transmitter	Existing IOT transmitter cannot be converted to post-transition channel, see GatesAir EOL and HTV IOT to Solid-State Justification statements. An IOT replacement is more expensive than proposed SS transmitter. See attached Comark IOT Transmitter quote.

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	Yes
	Power	300 kVA
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	transmitter installation electrical service. See attached Bertke Electric quote.
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Туре	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Other Transmitter Cost Not Listed

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

Antennas

Section	Question	Response
Antenna Related Expenses	Do you have antenna related expenses?	Yes

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	No
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna	Class	Full Power
Manufacturer and Type	Mounting	Top Mount
	Antenna position in stack	Bottom
	Polarization	Horizontal
	Туре	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels	N/A
	Design power capacity in use	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	1000.0 kW

Manufacturer	
Model	TFU- 30GBH-R 06
Year	2002

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna	Class	Full Power
Manufacturer and Types	Mounting	Top Mount
	Antenna position in stack	Bottom
	Polarization	Horizontal
	Туре	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	722.0 kW
	Manufacturer	

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

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Туре	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	6 1/8 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No

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

Other Antenna Cost Not Listed

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

Interim Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna	Class	Full Power
Manufacturer and Type	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Broadband Slot
	Number of Stations Supported	1
	Number of Panels/Bays	16
	Lower Limit	470.00 MHz
	Upper Limit	608.00 MHz
	Design power capacity in use	60.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	500.0 kW
	Manufacturer	
	Model	TFU-16WB
	Year	2018

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

Interim Antenna

Other Antenna Costs

Section	Question	Response
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an antenna?	Yes
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Interim Antenna

Other Antenna Cost Not Listed

Name	Description
Sales Tax	antenna sales tax
Shipping	antenna shipping

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

Primary Transmissio

Existing Transmission Line

Section Section	Question	Response
Existing Transmission Line Description	Type of change	Utilize Existing
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	Dielectric
	Туре	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	950 feet per run

Primary

Other Transmission Line Expenses Not Listed

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

Interim Transmissio

New Transmission Line

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

Interim

Other Transmission Line Expenses Not Listed

Transmission	n <mark>laine</mark>	Description
	Sales Tax	transmission line sales tax

additional elbows, hangers etc. to complete transmission line run

Tower Equipment And Rigging Costs

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

Primary Tower

Existing Tower

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

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

FM, AM or TV radio broadcasters. Facility ID's, Call Signs and Services of other broadcast stations with whom the tower is shared

Facility ID	Call Sign	Service
65666	WCET	DTV

Other Types of Users

Users	
Amateur Radio	

Primary Tower

Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	Serious Reinforcements needed

Primary Tower

Tower Rigging Costs

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

Primary Tower

Other Tower Expenses Not Listed

Name	Description
Land clearing	remove trees and brush. Required for tower modifications.
Tower Consulting	tower consulting and tower project management
Power line relocation	relocation of electrical lines to allow crew access

Outside Professional

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	No
	Number of Hours	N/A
	Explanation	N/A
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	2
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting	Prepare and file Form FCC Construction Permit Application	Yes
Services	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes

	Prepare request for Special Temporary Authority	Yes
	Quantity	2
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	Yes
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	Yes
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Outside Professional

Other Professional Services Expenses Not Listed

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

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

Other Expenses

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

Other Expenses

Other Expenses Not Listed

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

Cost Information

Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter ULXTE-72	\$1,848,029.35	\$1,544,513.36		\$1,301,069.62	
RF System Modifications	\$15,000.00	\$15,000.00	RF system modifications required to allow repack transmitter installation	\$13,804.50	N/A
Transmitter de-install	\$25,550.85	\$25,550.85	removal of old transmitter to make room for replacement	\$0.00	N/A
Shipping	\$13,500.00	\$13,500.00	shipping per attached GatesAir quote	\$0.00	N/A
Sales Tax	\$89,769.00	\$89,769.00	estimated transmitter sales tax	\$82,820.08	N/A
Transmitter installation incidentals	\$7,500.00	\$7,500.00	parts, supplies and equipment needed for transmitter installation	\$3,253.88	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
Transmitter Room Modification	\$18,047.13	\$18,047.13	building mods required for new transmitter	\$18,047.13	N/A
Other Electrical Service: transmitter installation electrical service. See attached Bertke Electric quote.	\$99,688.00	\$99,688.00	transmitter installation electrical service. See attached Bertke Electrical quote.	\$0.00	N/A
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$1,189,416.21	GatesAir quote sections A, B & E. This is the transmitter, mask filter, installation and proof per the FCC "transmitter" definition.	\$1,097,101.86	N/A
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$16,867.80	N/A	\$16,867.80	N/A

Electrical Accessories	\$3,884.98	\$3,884.98	Manufacturer required surge protection	\$3,884.98	N/A
Sub-total	\$1,848,029.35	\$1,544,513.36	N/A	\$1,301,069.62	N/A
Total for all systems	\$4,487,049.94	\$3,697,231.61	N/A	\$2,942,819.71	N/A

Components

Actual Information Description	File Name	
RF System Modifications		
	Component Description:	WLWT RF reconfiguration
	Amount:	parts shipping 1 \$760.39
	Component Description:	WLWT RF reconfiguration
	Amount:	parts 1 \$13,044.11
Transmitter de-install	Information not provided.	
Shipping	Information not provided.	
Sales Tax		
	Component Description:	WLWT transmitter
	Amount:	sales tax \$82,820.08

Transmitter installation incidentals		
moderitais	Component Description:	WLWT transmitter installation
		incidentals 1
	Amount:	\$421.62
	Component Description:	WLWT transmitter
		installation incidentals 2
	Amount:	\$2,832.26
RF Accessories		
	Component Description:	WLWT transmitter
	Amount:	RF accessories \$65,289.39
Transmitter Room Modification		MI MIT
	Component Description:	WLWT transmitter building mods
	Amount:	\$10,163.13
	Component Description:	WLWT transmitter
		building mods 2
	Amount:	\$1,944.00
	Component Description:	WLWT AC
	Amazzat	equipment removal
	Amount:	\$5,940.00
Other Electrical Service: transmitter installation	Information not provided.	
electrical service. See attached Bertke Electric		

UHF - Liquid Cooled Solid State Transmitter 35 - 50	Component Description:	Transmitter 2nd
W		deposit
	Amount:	\$264,187.87
	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
		delivery payment
	Amount:	\$260,556.40
ransformer 3 phase/480v		
300 KVA	Component Description:	WLWT transmitter
		electrical
	Amount	transformers
	Amount:	\$16,867.80
Electrical Accessories		
	Component Description:	WLWT transmitter
		electrical
	Amount	accessories
	Amount:	\$3,884.98

Cost Information

Antennas

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

	Predetermined	Estimated	Estimated Cost		Actual Cost
Description Interim	\$169,913.60	\$150,933.60	Justification	Actual Cost \$131,946.60	Justification
Antenna TFU-16WB					
UHF - High Power, Side Mount, basic slot antenna, 16 bay,, 500 kW input, directional,, horizontally polarized	\$125,068.60	\$125,068.60	quote 108640 SMB 10312 CO 6116.60 125068.60	\$123,766.60	Progress payments - not itemized
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$0.00	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
Sales Tax	\$7,605.00	\$7,605.00	estimated antenna sales tax based on Ohio state and local sales tax rate of 7%	N/A	N/A

Shipping	\$7,360.00	\$7,360.00	shipping per attached Dielectric quote	\$3,680.00	N/A
Primary Antenna TFU- 26GBH-R 06	\$307,187.00	\$431,181.00		\$372,640.00	
Shipping	\$9,613.00	\$9,613.00	shipping per attached Dielectric quote	\$0.00	N/A
Antenna accessories	\$4,384.00	\$4,384.00	RF components need for antenna installation per attached Dielectric quote	\$0.00	N/A
Sales Tax	\$27,160.00	\$27,160.00	estimated antenna sales tax based on Ohio state and local sales tax rate of 7%	N/A	N/A
UHF - High Power Top Mount (200- 1000 kW), One station antenna, horizontally polarized	\$247,000.00	\$372,640.00	bottom of antenna stack price per attached Dielectric quote	\$372,640.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$0.00	N/A

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$10,984.00	N/A	\$0.00	N/A
Sub-total	\$477,100.60	\$582,114.60	N/A	\$504,586.60	N/A
Total for all systems	\$4,487,049.94	\$3,697,231.61	N/A	\$2,942,819.71	N/A

Components

Actual Information Description	File Name	
Description	The Name	
UHF - High Power, Side Mount, basic slot antenna, 16 bay,, 500 kW input, directional,, horizontally polarized	Component Description:	WLWT Dielectric interim antenna payment 2 - 45% prior to ship. Supporting documentation included.
	Amount:	\$62,472.87
	Common and Documentians	NAU NAUT in to rive
	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

Sweep test of existing antenna	Information not provided.	
Side mount brackets for high power antennas (if not included in antenna base cost)	Component Description:	WLWT side mount bracket redesign
•	Amount:	\$4,500.00
Sales Tax	Information not provided.	
Shipping		
	Component Description:	WLWT interim antenna shipping to site
	Amount:	\$3,680.00
Shipping	Information not provided.	
Antenna accessories	Information not provided.	
Sales Tax	Information not provided.	
UHF - High Power Top Mount (200-1000 kW), One		
station antenna, horizontally polarized	Component Description:	WLWT main antenna payment 3
	Amount:	rev \$9,021.10
	Component Description:	Dielectric WLWT
		Main Antenna and
		Elbow complex; 9.13.2017;
		9.13.2017; \$181,809.45;
		progress payments
	Amazonto	10% & 35%
	Amount:	\$181,809.45
	Component Description:	WLWT main
		antenna payment
	Amount	45% prior to ship
	Amount:	\$181,809.45
Sweep test of existing	Information not provided.	

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed) Information not provided.

Cost Information

Transmission Line

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

Refurbish	\$85,471.50	\$85,471.50	Main	\$40,025.00	N/A
Line			transmission		
			line		
			refurbish per		
			TCI-17-		
			022H -		
			WLWT		
			Hearst -		
			Cincinnati		
			OH - Mod		
			Maint 1.5.18.		
			pdf - Labor		
			Parts:		
			Dielectric		
			SR 911-		
			0003		
			refurb1.pdf		
			Parts:		
			Dielectric		
			SR 911-		
			0004		
			refurb2.pdf		
Line sweep	\$2,758.34	\$2,758.34	see	\$2,758.34	N/A
			associated		
			invoice		
Elbows	\$15,100.00	\$15,100.00	see	\$855.18	N/A
			Dielectric		
			invoice		
Sub-total	\$333,992.99	\$333,355.65	N/A	\$264,016.33	N/A
Total for all systems	\$4,487,049.94	\$3,697,231.61	N/A	\$2,942,819.71	N/A

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

Component Description: WLWT interim

transmission line

hangers

Amount: \$684.60

Component Description: WLWT additional

interim

transmission line parts shipping 2

Amount: \$550.75

Component Description: WLWT additional

interim

transmission line

parts 3

Amount: \$1,447.50

Component Description: WLWT additional

interim

transmission line

parts 2

Amount: \$27,469.50

Component Description: WLWT interim

Amount:

Component Description:

transmission line custom elbows

\$16,030.00

interim

transmission line

WLWT additional

parts

Amount: \$34,264.09

Component Description: WLWT additional

interim

transmission line parts shipping 3

Amount: \$370.86

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

Component Description:	WLWT main
	transmission line refurbish parts
Amount:	\$14,161.00
7	V ,
Component Description:	WLWT shipping
	main transmission
	line refurb parts 2
Amount:	\$2,095.00
Component Description:	WLWT main
	transmission line
	refurbish 1
Amount:	\$25,864.00
Component Description:	WLWT main
	transmission line
	refurb parts 2
Amount:	\$19,582.50
Component Description:	WLWT main
	transmission line
Amount:	sweep \$2,758.34
Amount.	ψ ∠, 1 JO.J 4
Component Description:	WLWT main
	transmission line
Amount:	elbows shipping \$855.18
	Amount: Component Description: Amount: Component Description: Amount: Component Description: Amount: Component Description: Component Description:

Cost Information

Tower Equipment and Rigging Costs

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower LTOWER	\$1,505,728.54	\$929,948.54		\$787,948.79	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$250,000.00	N/A	\$147,161.00	N/A
Land clearing	\$11,170.00	\$11,170.00	Clearing trees/brush and moving fences required for tower modifications	\$11,170.00	N/A
Tower Consulting	\$6,500.00	\$6,500.00	tower consulting	\$5,752.43	N/A
Serious tower reinforcement /modifications	\$1,052,000.00	\$650,000.00	N/A	\$611,586.82	N/A
Power line relocation	\$2,458.54	\$2,458.54	see Duke Energy invoice	\$2,458.54	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$9,820.00	Quote TCI- 16-104 - WLWT - Cincinnati OH - Analysis.pdf	\$9,820.00	N/A
Sub-total	\$1,505,728.54	\$929,948.54	N/A	\$787,948.79	N/A

Total for all	\$4,487,049.94	\$3,697,231.61	N/A	\$2,942,819.71	N/A
systems					

Actual Information Description	File Name	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Component Description: Amount:	WLWT interim antenna 20% progress payment \$30,046.00
	Component Description: Amount:	WLWT Tower Repack Antenna Services -main antenna installation 50% down payment per quote \$75,115.00
	Component Description: Amount:	WLWT Antenna Services - interim antenna and line installation 50% down payment. \$42,000.00

_and clearing		
	Component Description:	WLWT tree and
	Amount:	brush removal 2 \$5,000.00
	Amount	ψ3,000.00
	Component Description:	WLWT fence work
	Amount:	\$3,250.00
	Component Description:	WLWT tree and
	Amount:	brush removal \$2,920.00
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
	Amount:	2 \$150.00
	Amount:	φ 130.00
	Component Description:	WLWT tower
		consulting invoice
		1

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

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

Decemention	Predetermined	Estimated	Estimated Cost Justification	Actual Cost	Actual C
Description	Cost Estimate	Cost	Justinication		Justinica
Outside Professional Services	\$256,709.00	\$248,559.00		\$54,120.11	
Consulting- Project Management	\$25,000.00	\$25,000.00	N/A	\$19,000.00	N/A
Non-catalog Legal Expenses	\$25,000.00	\$25,000.00	Non-Catalog expenses for legal advice and services, including financial /reimbursement review, transition reporting, transition procedures, and other transition- related issues.	\$6,399.42	N/A
Transmitter Site Survey Sales Tax	\$1,442.00	\$1,442.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***Ohio sales tax for Transmitter Site Survey (aka Field Service, TV)	\$0.00	N/A

Transmitter Site Survey	\$22,042.00	\$22,042.00	Transmitter planning survey & transmitter building drawings attached quote does not include \$1,442.00 sales tax added to invoice.	\$20,600.00	N/A
Security	\$37,325.00	\$37,325.00	based on attached transmitter security proposal for 90 days.	N/A	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$7,360.00	\$7,000.00	N/A	\$1,004.20	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$1,846.53	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$1,382.46	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$2,062.50	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
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$4,100.00	\$3,000.00	N/A	N/A	N/A

Sub-total	\$256,709.00	\$248,559.00	N/A	\$54,120.11	N/A
Total for all systems	\$4,487,049.94	\$3,697,231.61	N/A	\$2,942,819.71	N/A

Actual Information		
Description	File Name	
Consulting-Project Management		
wanagement	Component Description:	WLWT Stitt
		consulting 1
	Amount:	\$5,000.00
	Component Description:	WLWT Stitt
		consulting 2
	Amount:	\$2,000.00
	Component Description:	WLWT Stitt
		consulting 3
	Amount:	\$3,000.00
	Component Description:	WLWT Stitt
		consulting 4
	Amount:	\$9,000.00
Non-catalog Legal		
Expenses	Component Description:	WLWT non-catalog
		legal 1
	Amount:	\$2,709.40
	Component Description:	WLWT non-catalog
		legal 2
	Amount:	\$3,690.02

Transmitter Site Survey		
Sales Tax	Component Description:	Ohio sales tax for
		Transmitter Site Survey (aka Field
		Service, TV)
	Amount:	\$1,442.00
Transmitter Site Survey		
	Component Description:	WLWT Field
		Service, GatesAir,
		6-30-2017 \$20,600
	Amount:	\$20,600.00
Security	Information not provided.	
RF Exposure	Information not provided.	
Measurements		
Comprehensive coverage	Information not provided.	
verification via field study, if needed		
Attorney Fees - Prepare		
and File request for Special	Component Description:	WLWT Prepare
Temporary Authorization		and File request for
		Special Temporary
		Authorization
	Amount:	\$1,004.20
Attorney Fees - Negotiation	Information not provided.	
of lease and other matters		
for shared locations		
Attorney Fees -Prepare	Information not provided.	
and File FCC Form 2100		
(main), License to Cover		
Application		

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Component Description:	WLWT Prepare and File FCC Form 2100, Construction
	Amount:	Permit Application 2 \$1,054.53
	Component Description:	WLWT Prepare and File FCC Form 2100, Construction Permit Application
	Amount:	\$792.00
Prepare and or review		
reimbursement form	Component Description:	WLWT Prepare and
		/or review
		reimbursement
		Form 399 2
	Amount:	\$300.06
	Component Description:	WLWT Prepare and
		/or review
		reimbursement
		Form 399
	Amount:	\$1,082.40
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	

Perform engineering study for new channel assignment and antenna development	Component Description:	WLWT RF consulting for interim antenna development
	Amount:	\$875.00
	Component Description: Amount:	WLWT antenna development \$625.00
	Component Description: Amount:	WLWT engineering study for new channel assignment \$562.50
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description: Amount:	WLWT CP engineering prep \$1,825.00
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Prepare request for Special Temporary Authorization	Information not provided.	

Cost Information

Other Expenses

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$65,489.46	\$58,740.46		\$31,078.26	
Contract Labor	\$4,209.46	\$4,209.46	accounting labor directly related to the Spectrum Repack project	\$4,209.46	N/A
MVPD Notification of Channel Change	\$2,850.00	\$2,850.00	MVPD notification	\$2,842.40	N/A
Develop and air announcement of upcoming channel change	\$2,500.00	\$2,500.00	Attorney review to ensure FCC compliance	N/A	N/A
Equipment Storage	\$30,500.00	\$30,500.00	antenna storage estimate see attached Dielectric document	\$17,637.00	N/A
Equipment Delivery and Handling Charges	\$2,500.00	\$2,500.00	Transmitter local delivery	\$2,495.00	N/A

Disposal Costs (for equipment and other waste, net of any salvage value)	\$9,740.00	\$9,740.00	Equipment removal to make space for replacement transmitter installation. See Equipment Removal quotes 1 & 2.	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$4,856.00	quote attached	\$3,894.40	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	N/A	N/A	N/A
Sub-total	\$65,489.46	\$58,740.46	N/A	\$31,078.26	N/A
Total for all systems	\$4,487,049.94	\$3,697,231.61	N/A	\$2,942,819.71	N/A

Actual Information Description	File Name	
Contract Labor	Component Description:	WLWT
	Amount:	accounting labor \$4,209.46

MVPD Notification of		
Channel Change	Component Description:	WLWT MVPD
		notification
	Amount:	\$2,842.40
Develop and air	Information not provided.	
announcement of upcoming		
channel change		
Equipment Storage		
	Component Description:	WLWT
		transmitter
		storage 2
	Amount:	\$400.00
	Component Description:	WLWT
		transmitter
		storage 3
	Amount:	\$400.00
	Component Description:	WLWT interim
		antenna ship to
		storage
	Amount:	\$7,360.00
	Component Description:	WLWT
		transmitter
		storage 1
	Amount:	\$6,077.00
	Component Description:	WLWT interim
		antenna storage
	Amount:	\$3,400.00
Equipment Delivery and		
Handling Charges	Component Description:	WLWT local
		transmitter
		delivery 1
		•
	Amount:	\$2,495.00

Disposal Costs (for equipment and other waste,	Information not provided.	
net of any salvage value)		
FCC Filing Fees - Special	Information not provided.	
Temporary Authorization request		
FCC Filing Fees - Form 2100	Information not provided.	
license to cover application		
DTV Medical Facility		
Notification	Component Description:	WLWT medical
		notification
	Amount:	\$3,894.40
FCC Filing Fees - Form 2100	Information not provided.	
minor change CP application		

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$4,487,049.94	\$3,697,231.61	\$2,942,819.71

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

Section Question Response

Submission of Estimated Expenses Statements

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.

- 1. The Authorized
 Person signing
 below certifies that he
 /she is authorized to
 submit this TV
 Broadcaster
 Relocation Fund
 Reimbursement
 Form on behalf of
 the above-named
 entity.
- 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.
- 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.

- 4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- 5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
- 7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. John Drain Hearst Television SVP Chief Financial Officer

08/08/2019

Section Question Response

Submission of Actual Cost Documentation Statements

WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISIONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).

- 1. The Authorized
 Person signing
 below certifies and
 represents that he
 /she is authorized to
 submit this TV
 Broadcaster
 Relocation Fund
 Reimbursement
 Form on behalf of
 the above-named
 entity.
- The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.
- The above-named entity acknowledges that all certifications and attached documentation are considered material representations.

- 4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
- 5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- 6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

- 8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
- 9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. Douglas
Durkee
Hearst
Television
Manager of
Spectrum
Repack

08/08/2019

Attachments