



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **19200** | Service: **DTV** | Call **WTNZ** | Channel: **15 (UHF)** |
ID: | Sign:
File **0000025079**
Number:
FRN: **0028123164** | Date **09/10**
Submitted: **/2021**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
MARBLE CITY TV LLC	220 SALTERS CREEK ROAD HAMPTON, VA 23661	+1 (757) 726-0136	DHANNA@LOCKWOODBROADCAST.COM	Limited Liability Company
Doing Business As:	MARBLE CITY TV LLC			

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
Samuel Hariton <i>Widelity</i>	4031 University Drive Ste 100 Fairfax, VA 22030 United States	+1 (339) 222-8107	sam.hariton@widelity.com

**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	Move station to another close by ATC tower facility. Install new main and backup transmitter

Question	Response
Sharee Station Facility ID	167727
Call Sign	W45DF-D
Type	
Licensee Name	VENTANA TELEVISION, INC.
Status	LICENSED
DTS (Distributed Transmission System)	No
Community of License	KNOXVILLE, TN
Pre-auction RF Channel	45
Post-auction RF Channel	
Neilsen DMA	
Network Affiliation	

Question	Response
Sharee Station Facility ID	69161

Call Sign	WUOT
Type	Noncommercial Educational
Licensee Name	UNIVERSITY OF TENNESSEE
Status	LICENSED
DTS (Distributed Transmission System)	No
Community of License	KNOXVILLE, TN
Pre-auction RF Channel	220
Post-auction RF Channel	
Neilsen DMA	
Network Affiliation	

Question	Response
Sharee Station Facility ID	35908
Call Sign	WVLT-TV
Type	Commercial
Licensee Name	GRAY TELEVISION LICENSEE, LLC
Status	LICENSED
DTS (Distributed Transmission System)	No
Community of License	KNOXVILLE, TN
Pre-auction RF Channel	30
Post-auction RF Channel	34

Neilsen DMA	Knoxville
-------------	-----------

Network Affiliation

Question	Response
----------	----------

Sharee Station Facility ID	18267
-------------------------------	-------

Call Sign	WKOP-TV
-----------	---------

Type	Noncommercial Educational
------	------------------------------

Licensee Name	EAST TENNESSEE PUBLIC COMMUNICATIONS CORP.
---------------	---

Status	LICENSED
--------	----------

DTS (Distributed Transmission System)	No
--	----

Community of License	KNOXVILLE, TN
-------------------------	---------------

Pre-auction RF Channel	17
---------------------------	----

Post-auction RF Channel	29
----------------------------	----

Neilsen DMA	KNOXVILLE
-------------	-----------

Network Affiliation

Question	Response
----------	----------

Sharee Station Facility ID	47724
-------------------------------	-------

Call Sign	WEEE-LP
-----------	---------

Type

Licensee Name	LATINA BROADCASTERS OF KNOXVILLE, LLC
Status	LICENSED
DTS (Distributed Transmission System)	No
Community of License	KNOXVILLE, TN
Pre-auction RF Channel	32
Post-auction RF Channel	
Neilsen DMA	
Network Affiliation	
Question	Response
Sharee Station Facility ID	17784
Call Sign	W14CX-D
Type	
Licensee Name	EDGE SPECTRUM, INC.
Status	LICENSED
DTS (Distributed Transmission System)	No
Community of License	KNOXVILLE, TN
Pre-auction RF Channel	14
Post-auction RF Channel	
Neilsen DMA	
Network Affiliation	

Question	Response
Sharee Station Facility ID	35261
Call Sign	WDTT-LD
Type	
Licensee Name	WORD OF GOD FELLOWSHIP, INC.
Status	LICENSED
DTS (Distributed Transmission System)	No
Community of License	KNOXVILLE, TN
Pre-auction RF Channel	24
Post-auction RF Channel	
Neilsen DMA	
Network Affiliation	

Transmitters

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

Auxiliary Transmitter

Add Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Retune Existing
	Use	Auxiliary (Backup)
	Ownership	Owned

	Owner	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	Harris
	Model	UAX
	Year	2011
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	1.1 kW

Auxiliary Transmitter

Retuning Transmitter Costs

Section	Question	Response
New IOT Tubes	Number of Tubes (including accessories) needed	N/A
New Mask Filter	Power	1.5 kW
	Other Power	N/A
New Exciter	Is a new exciter needed?	No

Auxiliary 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	150 kVA
	Rigid Conduit and Wiring	Yes
	Size	2 inches

	Length	50.0 feet
	Other Electrical Service	Yes
	Description	panel board distribution and breakers
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	10 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	Yes
	Size	200.0
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

Auxiliary Transmitter

Other Transmitter Cost Not Listed

Name	Description
Auxiliary Transmitter-Deinstall and Relocate	Auxiliary Transmitter-Deinstall and Relocate

**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	DCX
	Year	2005
	Type	Inductive Output Tube
	IOT Power Type	Single
	Power Capacity	20 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-50
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	31.7 kW
	Justification for New Transmitter	Existing transmitter cannot be retuned. Transmitter sizing is based on a forced relocation after it was found out that the existing broadband antenna would not transmit channel 15 at the proper output.

**Primary
Transmitter**

Other Transmitter Costs

Section	Question	Response
---------	----------	----------

Electrical Service	Service Entrance (3 phases 800A 208V)	Yes
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	150 kVA
	Rigid Conduit and Wiring	Yes
	Size	4 inches
	Length	100.0 feet
	Other Electrical Service	Yes
	Description	Service panel and distribution for new greenfield ATC suite.
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Type	Heating and Cooling
	Size	10 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	Yes
	Size	800.0 square feet
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
Emergency Generator	250 kW diesel generator and ATS
Primary Transmitter - Other Expenses	Primary Transmitter - Surge Suppressor and other expenses needed for new transmitter to function.
removal of existing equipment	Station must abandon existing ATC suite and remove its equipment
Internal Transmission Line	Gases and other items needed for transmission line testing and soldering

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	Leased
	Owner	American Tower
	Site	N/A
	Is the existing antenna shared with another station or stations?	Yes
	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	Broadband Panel
	Number of Stations Supported	3
	Number of Panels	10
	Design power capacity in use	50.0 %
	Lower Limit	470.00 MHz
	Upper Limit	608.00 MHz
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	460.0 kW

	Manufacturer	
	Model	TUD-O5-16 /80H-2-B
	Year	2003

**Facility ID's and Call Signs of
all stations with whom the
antenna is shared.**

Facility ID	Call Sign
52628	WPXK-TV
71082	WATE-TV

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?	Yes
	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?	Yes
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	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)	350.0 kW
	Manufacturer	

Model	TFU-24GTH /VP-R 04
Year	2019
Justification for New Antenna	Existing leased antenna will not meet spec for channel 15. Sweep data attached. Station must relocate and purchase a new single frequency antenna.

**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
Antenna Pedestal		Required 4' pedestal for arbor arm installation

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	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Owner	American Tower
	Site	N/A
	Is the existing transmission line shared with another station or stations?	Yes
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	
	Type	Rigid
	Diameter	8 3/16 inches
	Other Diameter	N/A
	Segment Length	Broadband
	Other Segment Length	N/A
	Number of parallel runs	2
	Length	1600 feet per run

**Facility ID's and Call Signs of
all stations with whom the
transmission line is shared.**

Facility ID	Call Sign
71082	WATE-TV
52628	WPXK-TV

Primary
Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	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	1500 feet per run
	Justification for New Transmission Line	Station is changing sites and is not able to lease.

Primary
Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Nitrogen Regulator	Nitrogen Regulator required due to repack

**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**

Add Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Is this tower consider Complex?	Candelabra
	Is this tower currently shared with any other stations?	No
	One or more FM, AM or TV radio broadcaster(s)	N/A
	Others Types of Users	N/A
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Yes
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1222895
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	35° 59' 44.4" N-
	Longitude (NAD83)	083° 57' 23.1" W-
	Overall Structure Height	1534.10 feet
	Support Structure Height	1399.92 feet
	Ground Elevation Above Mean Sea Level (AMSL)	1314.94 feet

Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
Tower Owner	American Towers LLC
Date Constructed	04/03/2003

Primary Tower

Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for tower with candelabra
Tower Reinforcements	Please select whether tower reinforcements are needed:	No reinforcements needed

Primary Tower

Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	Candelabra
Helicopter Services Required	Are helicopter services required?	Yes

Primary Tower

Other Tower Expenses Not Listed

Name	Description
Tower Permit Drawing Package	Tower Permit Drawing Package
Tower Mapping	Mapping the tower to identify potential maintenance and structural concerns.
ATC Capital Contribution	Capital contribution fee

Primary Tower

Add Tower

Section	Question	Response
Existing Tower Description	Type of change	Move Equipment
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Is this tower consider Complex?	Candelabra
	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	No
	Is tower documented for structural analysis?	No
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1052156
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	36° 00' 12.8" N-
	Longitude (NAD83)	083° 56' 34.0" W-
	Overall Structure Height	1456.02 feet
	Support Structure Height	1332.99 feet
	Ground Elevation Above Mean Sea Level (AMSL)	1393.03 feet
	Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
	Tower Owner	SpectraSite Communications, LLC. through American Towers, LLC.

	Date Constructed	01/01/1955
--	------------------	------------

**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
35908	WVLT-TV	DTV
69161	WUOT	FM
18267	WKOP-TV	DTV

**Primary
Tower**

Tower Rigging Costs

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

**Primary
Tower**

Other Tower Expenses Not Listed

Information not provided.

**Outside
Professional Services Costs**

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	800
	Explanation	Pattern analysis Antenna Spec Transmitter Spec Building drawings Installation Supervision Accounting Internal Legal Strategic Support
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	No
	Quantity	N/A
	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	1
	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	No
	Additional Field Engineering Service	Yes
	Number of Days	1
	Justification	system sweep

Outside
Professional

Other Professional Services Expenses Not Listed

Services Costs

Name	Description
Prepare or Review Reimbursement Form	Prepare or Review Reimbursement Form

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	Yes
	Non-zoning permits	Yes
	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
Microwave STL	Microwave STL required due to forced move to a different tower WTNZs existing ATC tower will install a communal antenna that will not support the WTNZs repack channel
ATC Expenses	Defined American Tower charges attached
Site Security	Site Security

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-50	\$1,304,702.01	\$1,276,048.81		\$1,126,498.47	
Internal Transmission Line	<i>\$155.03</i>	\$155.03	Please see WTNZ Primary Transmitter - Internal Transmission Line Revision Justification Cover Letter	\$155.03	N/A
removal of existing equipment	<i>\$35,000.00</i>	\$35,000.00	N/A	\$0.00	N/A
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$13,700.00	N/A	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 31.7 kW	<i>\$954,144.76</i>	\$954,144.76	Estimated Cost Justification WTNZ-110-1st Primary Transmitter - UHF Liquid Cooled Solid State v3	\$954,144.76	N/A

Other Electrical Service: Service panel and distribution for new greenfield ATC suite.	\$75,000.00	\$75,000.00	New greenfield site shell requiring all new electrical distribution	\$71,663.84	N/A
Emergency Generator	\$66,552.25	\$66,552.25	see Estimated Cost Justification WTNZ-110-1st Primary Transmitter - Generator v0	\$66,552.23	N/A
Other -- Building Addition Size: 800.0	\$45,000.00	\$45,000.00	N/A	\$9,340.14	N/A
10 Ton system	\$38,900.00	\$32,000.00	See attached Funderburk Electrical Services Budget Proposal dated 5/8/19 (50% of total cost of 2 HVAC units)	\$22,942.50	N/A
Primary Transmitter - Other Expenses	\$1,699.97	\$1,699.97	Please see GatesAir quote Q-85324 and actual costs (tax and freight) on invoice JW30004718-1	\$1,699.97	N/A
4" Rigid Conduit and Wiring (Cost per foot)	\$10,100.00	\$9,000.00	new site with no existing electrical infrastructure	N/A	N/A

Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$7,496.80	GatesAir Quote Q- 76710	N/A	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	N/A	N/A
Auxiliary Transmitter UAX	\$228,547.45	\$121,601.05		\$81,125.21	
2" Rigid Conduit and Wiring (Cost per foot)	\$1,300.00	\$1,200.00	new greenfield site with no existing electrical infrastructure	N/A	N/A
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$23,000.00	new greenfield site with no existing electrical infrastructure	N/A	N/A
1.5 kW mask filter	\$3,030.00	\$0.00	included in tx quote	N/A	N/A
UHF and VHF - minor banding issues	\$105,200.00	\$19,891.10	see Estimated Cost Justification WTNZ-150- 1st Auxiliary Transmitter - Retune Existing Transmitter, Minor Banding Issues v0	\$19,891.10	Est not exceeded.

Auxiliary Transmitter-Deinstall and Relocate	\$4,567.45	\$4,567.45	Please see WTNZ Auxiliary Transmitter-Deinstall and Relocate Budget Revision Justification Letter	\$4,567.45	N/A
Other -- Building Addition Size: 200.0	\$15,000.00	\$15,000.00	floor and wall paint. New concrete shell site	N/A	N/A
10 Ton system	\$38,900.00	\$22,942.50	See attached Funderburk Electrical Services Budget Proposal dated 5/8/19 (50% of total cost of 2 HVAC units)	\$22,942.50	N/A
Other Electrical Service: panel board distribution and breakers	\$35,000.00	\$35,000.00	New greenfield site with no existing electrical infrastructure	\$33,724.16	N/A
Sub-total	\$1,533,249.46	\$1,397,649.86	N/A	\$1,207,623.68	N/A
Total for all systems	\$3,623,709.31	\$3,135,995.46	N/A	\$2,355,137.92	N/A

Components

Actual Information	
Description	File Name
Internal Transmission Line	<p>Component Description: Cylinder rental</p> <p>Amount: \$155.03</p>

removal of existing equipment	Information not provided.	
Service entrance 3 phase /800 amp/208 volt	Information not provided.	
UHF - Liquid Cooled Solid State Transmitter 31.7 kW	Component Description: Amount:	A. Transmitter \$217,486.93
	Component Description: Amount:	WTNZ- 110-1st Primary Transmitter - UHF Liquid Cooled Solid State, 21-31 kW \$8,881.81
	Component Description: Amount:	ULXTE-50, 75% payment of comparable equipment \$494,459.87
	Component Description: Amount:	Enhanced Feature- License- 1 switch \$5,080.08
	Component Description: Amount:	Transmitter \$76,822.07
	Component Description: Amount:	SMP chassis (dual PS), ATSC Receive Configuration \$4,695.00
	Component Description: Amount:	CABLE \$59.19

	Component Description:	Precision 3430 Small Form Factor
	Amount:	\$1,356.47
	Component Description:	Invoice moved to correct budget category per NMI message
	Amount:	N/A
	Component Description:	Invoice moved to correct budget category.
	Amount:	N/A
	Component Description:	Invoice moved to correct budget category.
	Amount:	N/A
	Component Description:	ULXTE-50
	Amount:	\$60,528.74
	Component Description:	ULXTE-50
	Amount:	\$90,739.11
	Component Description:	PLNM 100022
	Amount:	\$86.96
Other Electrical Service: Service panel and distribution for new greenfield ATC suite.	Component Description:	Work Order #: S015860
	Amount:	\$71,663.84

Emergency Generator	<table> <tr> <td data-bbox="715 174 1023 208">Component Description:</td><td data-bbox="1155 174 1310 241">EQUIPMENT SALE</td></tr> <tr> <td data-bbox="715 253 823 286">Amount:</td><td data-bbox="1155 253 1286 286">\$66,552.23</td></tr> </table>	Component Description:	EQUIPMENT SALE	Amount:	\$66,552.23																
Component Description:	EQUIPMENT SALE																				
Amount:	\$66,552.23																				
Other -- Building Addition Size: 800.0	<table> <tr> <td data-bbox="715 427 1023 461">Component Description:</td><td data-bbox="1155 427 1362 539">Equipment Rental for Interior Paint and Seal</td></tr> <tr> <td data-bbox="715 551 823 584">Amount:</td><td data-bbox="1155 551 1251 584">\$693.36</td></tr> <tr> <td data-bbox="715 685 1023 719">Component Description:</td><td data-bbox="1155 685 1286 719">Transmitter</td></tr> <tr> <td data-bbox="715 730 823 763">Amount:</td><td data-bbox="1155 730 1251 763">\$636.14</td></tr> <tr> <td data-bbox="715 864 1023 898">Component Description:</td><td data-bbox="1155 864 1310 898">Copper Strap</td></tr> <tr> <td data-bbox="715 909 823 943">Amount:</td><td data-bbox="1155 909 1251 943">\$454.00</td></tr> <tr> <td data-bbox="715 1043 1023 1077">Component Description:</td><td data-bbox="1155 1043 1362 1200">Sealed, waterproofed, and coated 42x21x26 interior walls</td></tr> <tr> <td data-bbox="715 1211 823 1245">Amount:</td><td data-bbox="1155 1211 1270 1245">\$6,306.64</td></tr> <tr> <td data-bbox="715 1346 1023 1379">Component Description:</td><td data-bbox="1155 1346 1362 1536">WTNZ-110-1st Primary Transmitter - Building Addition, 800 sq. ft.</td></tr> <tr> <td data-bbox="715 1547 823 1581">Amount:</td><td data-bbox="1155 1547 1270 1581">\$1,250.00</td></tr> </table>	Component Description:	Equipment Rental for Interior Paint and Seal	Amount:	\$693.36	Component Description:	Transmitter	Amount:	\$636.14	Component Description:	Copper Strap	Amount:	\$454.00	Component Description:	Sealed, waterproofed, and coated 42x21x26 interior walls	Amount:	\$6,306.64	Component Description:	WTNZ-110-1st Primary Transmitter - Building Addition, 800 sq. ft.	Amount:	\$1,250.00
Component Description:	Equipment Rental for Interior Paint and Seal																				
Amount:	\$693.36																				
Component Description:	Transmitter																				
Amount:	\$636.14																				
Component Description:	Copper Strap																				
Amount:	\$454.00																				
Component Description:	Sealed, waterproofed, and coated 42x21x26 interior walls																				
Amount:	\$6,306.64																				
Component Description:	WTNZ-110-1st Primary Transmitter - Building Addition, 800 sq. ft.																				
Amount:	\$1,250.00																				
10 Ton system	<table> <tr> <td data-bbox="715 1715 1023 1749">Component Description:</td><td data-bbox="1155 1715 1342 1872">WTNZ-110-1st Primary Transmitter - 10 Ton System</td></tr> <tr> <td data-bbox="715 1883 823 1917">Amount:</td><td data-bbox="1155 1883 1286 1917">\$22,942.50</td></tr> </table>	Component Description:	WTNZ-110-1st Primary Transmitter - 10 Ton System	Amount:	\$22,942.50																
Component Description:	WTNZ-110-1st Primary Transmitter - 10 Ton System																				
Amount:	\$22,942.50																				

Primary Transmitter - Other Expenses	<div> Component Description: Surge Suppressor</div> <div> Amount: \$1,699.97</div>
4" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
Transformer 3 phase/480v - 150 KVA	Information not provided.
Switchgear - industrial 800 amp	Information not provided.
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
Transformer 3 phase/480v - 150 KVA	Information not provided.
1.5 kW mask filter	Information not provided.
UHF and VHF - minor banding issues	<div> Component Description: Channel Change UAX-1000AT</div> <div> Amount: \$17,105.72</div> <div> Component Description: Channel Change & Proof</div> <div> Amount: \$1,671.23</div> <div> Component Description: Channel Change UAX-1000AT per quote GA-00021682</div> <div> Amount: \$1,114.15</div>
Auxiliary Transmitter-Deinstall and Relocate	<div> Component Description: Travel</div> <div> Amount: \$4,567.45</div>
Other -- Building Addition Size: 200.0	Information not provided.

10 Ton system	<div data-bbox="715 174 1342 367"> <div data-bbox="715 174 1018 210">Component Description:</div> <div data-bbox="1155 174 1342 327"> WTNZ-150-1st Auxiliary Transmitter - 10 Ton System </div> <div data-bbox="715 336 1286 367"> <div data-bbox="715 336 820 367">Amount:</div> <div data-bbox="1155 336 1286 367">\$22,942.50</div> </div> </div>
Other Electrical Service: panel board distribution and breakers	<div data-bbox="715 504 1377 696"> <div data-bbox="715 504 1018 539">Component Description:</div> <div data-bbox="1155 504 1377 656"> WTNZ-150-1st Auxiliary Transmitter - Other Electrical Service </div> <div data-bbox="715 665 1286 696"> <div data-bbox="715 665 820 696">Amount:</div> <div data-bbox="1155 665 1286 696">\$33,724.16</div> </div> </div>

Cost Information

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Antenna TFU-24GTH /VP-R 04	\$353,273.20	\$278,794.38		\$244,236.59	
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$217,140.00	Quote Attached (800134CMZ-2) Station is responsible for \$27,600 in v-pol related expense.	\$182,582.21	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$10,511.18	Please see Estimated Cost Justification WTNZ-210-Primary Antenna - Elbow Complex, 6 1/8" v0	\$10,511.18	N/A

Antenna Pedestal	\$44,743.20	\$44,743.20	See Estimated Cost Justification WTNZ-210- Primary Antenna - Antenna Pedestal v0	\$44,743.20	N/A
Sub-total	\$353,273.20	\$278,794.38	N/A	\$244,236.59	N/A
Total for all systems	\$3,623,709.31	\$3,135,995.46	N/A	\$2,355,137.92	N/A

Components

Actual Information Description	File Name
-----------------------------------	-----------

UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized		
	Component Description:	Freight, shipping and handling
	Amount:	\$3,339.75
	Component Description:	Antenna UHF high power top mount
	Amount:	\$80,659.12
	Component Description:	ELBOW COMPLEX 6-75 FOR WTNZ D15 SINGLE CHANNEL AT ANTENNA INPUT
	Amount:	\$9,268.20
	Component Description:	Antenna- UHF High Power Top Mount
	Amount:	\$8,656.02
	Component Description:	Antenna UHF high power top mount
	Amount:	\$80,659.12

Sweep test of existing antenna	<div data-bbox="724 165 1426 331"> <p>Component Description: WTNZ-210-Primary Antenna - Sweep Test</p> <p>Amount: \$2,880.00</p> </div> <div data-bbox="724 434 1426 510"> <p>Component Description: Other</p> <p>Amount: \$640.00</p> </div> <div data-bbox="724 613 1426 779"> <p>Component Description: WTNZ-210-Primary Antenna - Sweep Test</p> <p>Amount: \$2,880.00</p> </div>
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	<div data-bbox="724 904 1426 1102"> <p>Component Description: WTNZ-210-Primary Antenna - Elbow Complex, 6 1/8"</p> <p>Amount: \$1,029.80</p> </div> <div data-bbox="724 1205 1426 1402"> <p>Component Description: WTNZ-210-Primary Antenna - Elbow Complex, 6 1/8"</p> <p>Amount: \$213.18</p> </div> <div data-bbox="724 1505 1426 1702"> <p>Component Description: WTNZ-210-Primary Antenna - Elbow Complex, 6 1/8"</p> <p>Amount: \$4,634.10</p> </div> <div data-bbox="724 1805 1426 2002"> <p>Component Description: WTNZ-210-Primary Antenna - Elbow Complex, 6 1/8"</p> <p>Amount: \$4,634.10</p> </div>

Antenna Pedestal		
	Component Description:	Tower Pedestal
	Amount:	\$23,918.20
	Component Description:	WTNZ-210- Primary Antenna - Antenna Pedestal
	Amount:	\$1,375.00
	Component Description:	50% DEPOSIT DUE WITH ORDER
	Amount:	\$19,450.00

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
Primary Transmission Line	\$304,828.14	\$241,291.13		\$241,136.10	
Rigid Transmission Line - copper, 6 1/8"	\$303,000.00	\$239,462.99	see Estimated Cost Justification WTNZ-310-Primary Transmission Line - Rigid Copper, 6 1_8 v4	\$239,307.96	N/A
Nitrogen Regulator	<i>\$1,828.14</i>	\$1,828.14	Please see WTNZ Greenville Media quote 6143 lines 15 - 19, plus actual taxes and freight on invoice 6143-3	\$1,828.14	N/A
Sub-total	\$304,828.14	\$241,291.13	N/A	\$241,136.10	N/A
Total for all systems	\$3,623,709.31	\$3,135,995.46	N/A	\$2,355,137.92	N/A

Components

Actual Information Description	File Name
Rigid Transmission Line - copper, 6 1/8"	

Component Description:	ADAPTER 6.75 DC X 6-75 MYAT
Amount:	\$1,755.00

Component Description:	WTNZ-310- Primary Transmission Line - Rigid Copper, 6 1 /8
Amount:	\$3,552.93

Component Description:	T/L 6-75 EIA length 15' to 20' fixed FLG
Amount:	\$3,133.40

Component Description:	Rigid transmission line-copper
Amount:	\$21,757.06

Component Description:	RFREIGHT OTHER
Amount:	\$3,376.59

Component Description:	WTNZ-310- Primary Transmission Line - Rigid Copper, 6 1 /8"
Amount:	\$97,906.72

Component Description:	Stainless 3/8" angle adapters
Amount:	\$1,602.75

Component Description:	SADDLE KIT 6 T/L 5/8 X 7 LG
Amount:	\$876.40

	Component Description:	FREIGHT, SHIPPING, AND HANDLING LINE 31 & LINE 32 FEDEX FIRST OVERNIGHT
	Amount:	\$2,884.23
	Component Description:	Rigid Tranmission Line - Copper
	Amount:	\$4,537.30
	Component Description:	COLORED VINYL TAPE
	Amount:	\$18.86
	Component Description:	WTNZ-310- Primary Transmission Line - Rigid Copper, 6 1 /8"
	Amount:	\$97,906.72
Nitrogen Regulator	Component Description:	Nitrogen Regulator
	Amount:	\$1,828.14

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 Justification
Primary Tower GTOWER	\$421,000.00	\$409,500.00		\$0.00	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$409,500.00	Remove Equipment From Old Tower	\$0.00	N
Primary Tower GTOWER	\$527,700.00	\$315,968.75		\$315,825.00	
Tower Permit Drawing Package	<i>\$4,700.00</i>	\$4,700.00	Please see WTNZ Customer Project Cost Estimation 282655 Knoxville TN 1	\$4,700.00	N
Structural engineering tower load study for a documented tower with candelabra	\$20,000.00	\$19,000.00	Please see Raycom Purchase Order Corp_WTNZ_ATC_01 and ATC Tower Invoice 460208330	\$19,000.00	N
Tower Helicopter Lift	<i>\$56,400.00</i>	\$56,400.00	Tower King II, Inc Proposal C-19-014	\$56,400.00	N
ATC Capital Contribution	<i>\$5,000.00</i>	\$5,000.00	See attached Please see Raycom Purchase Order Corp_WTNZ_ATC_02 and WTNZ American Tower Invoice 460211214	\$5,000.00	N

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$210,268.75	see Estimated Cost Justification WTNZ- 410-New Primary Tower - Complex Tower v0	\$210,125.00	N
Tower Mapping	\$20,600.00	\$20,600.00	Please see Raycom Purchase Order Corp_WTNZ_ATC_01 and ATC Tower Invoice 460208332	\$20,600.00	N
Sub-total	\$948,700.00	\$725,468.75	N/A	\$315,825.00	N
Total for all systems	\$3,623,709.31	\$3,135,995.46	N/A	\$2,355,137.92	N

Components

Actual Information	
Description	File Name
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Information not provided.
Tower Permit Drawing Package	<p>Component Description: PO Line 1 - Tower Construction Drawings</p> <p>Amount: \$4,700.00</p>
Structural engineering tower load study for a documented tower with candelabra	<p>Component Description: Broadcast Structural</p> <p>Amount: \$19,000.00</p>

Tower Helicopter Lift	Component Description: Amount:	TOWER SERVICE \$34,820.00
	Component Description: Amount:	Down Payment for WTNZ Repack Antenna Project \$21,580.00
ATC Capital Contribution	Component Description: Amount:	CAPITAL CONTRIBUTION \$5,000.00
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Component Description: Amount:	WTNZ-410-New Primary Tower - Complex Tower \$126,505.00
	Component Description: Amount:	Repack work \$2,200.00
	Component Description: Amount:	Use of Gap Road property for staging area \$3,000.00
	Component Description: Amount:	WTNZ-410-New Primary Tower - Complex Tower \$78,420.00
Tower Mapping	Component Description: Amount:	Broadcast Tower Mapping \$20,600.00

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	\$248,956.75	\$265,134.58		\$180,139.12	
Prepare or Review Reimbursement Form	<i>\$486.75</i>	\$486.75	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$486.75	N/A
Additional Field Engineering Service, 1 Days	<i>\$5,000.00</i>	\$5,000.00	N/A	\$752.76	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	\$9,560.78	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$670.08	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$670.08	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$6,187.55	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$6,187.55	N/A

Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	\$765.50	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$750.00	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,625.00	Per invoices submitted	\$3,625.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,665.84	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$7,665.84	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,000.00	market phase coordination	\$282.00	N/A

Prepare and or review reimbursement form	\$2,630.00	\$2,000.00	N/A	\$643.50	N/A
Project management of the transition	\$126,400.00	\$148,749.36	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$148,749.36	N/A
Sub-total	\$248,956.75	\$265,134.58	N/A	\$180,139.12	N/A
Total for all systems	\$3,623,709.31	\$3,135,995.46	N/A	\$2,355,137.92	N/A

Components

Actual Information	
Description	File Name
Prepare or Review Reimbursement Form	Component Description:
	WTNZ-590-RF Eng - Prepare or Review Reimbursement Form
	Amount:
	\$483.41
	Component Description:
	WTNZ-550-Attorney - Prepare and or review reimbursement form
	Amount:
	\$3.34
Additional Field Engineering Service, 1 Days	Component Description:
	WTNZ-580-Field Engineering Service - Additional Field Engineering, 1 Day
	Amount:
	\$752.76

Comprehensive coverage verification via field study, if needed	<div> <div>Component Description:</div> <div>WTNZ-580-Field Engineering Service - Comprehensive Coverage Verification</div> </div> <div> <div>Amount:</div> <div>\$9,560.78</div> </div>
Attorney Fees - Prepare and File request for Special Temporary Authorization	<div> <div>Component Description:</div> <div>Professional Services Rendered</div> </div> <div> <div>Amount:</div> <div>\$589.88</div> </div>
	<div> <div>Component Description:</div> <div>WTNZ-550-Attorney - Special Temporary Authorization</div> </div> <div> <div>Amount:</div> <div>\$26.58</div> </div>
	<div> <div>Component Description:</div> <div>WTNZ-550-Attorney - Special Temporary Authorization</div> </div> <div> <div>Amount:</div> <div>\$53.62</div> </div>
Attorney Fees - Negotiation of lease and other matters for shared locations	<div> <div>Component Description:</div> <div>Professional Services Rendered</div> </div> <div> <div>Amount:</div> <div>\$29.90</div> </div>
	<div> <div>Component Description:</div> <div>WTNZ-550-Attorney - Negotiate Lease and Other Matters</div> </div> <div> <div>Amount:</div> <div>\$70.14</div> </div>
	<div> <div>Component Description:</div> <div>Professional Services Rendered</div> </div> <div> <div>Amount:</div> <div>\$3.48</div> </div>

Component Description:	Professional Services Rendered
Amount:	\$51.28

Component Description:	Professional Services Rendered
Amount:	\$522.15

Component Description:	Repack Legal Services
Amount:	\$26.10

Component Description:	RE: WTNZ Repack Legal Services (19200)
Amount:	\$441.80

Component Description:	RE: WTNZ Repack Legal Services (19200)
Amount:	\$392.00

Component Description:	RE: WTNZ Repack Legal Services (19200)
Amount:	\$345.60

Component Description:	Professional Services Rendered
Amount:	\$322.97

Component Description:	RE: WTNZ Repack Legal Services (19200)
Amount:	\$49.00

Component Description:	Professional Services Rendered
Amount:	\$49.50

Component Description:	Professional Services Rendered
Amount:	\$6.64

Component Description:	Professional Services Rendered
Amount:	\$94.02

Component Description:	For Professional Services Rendered
Amount:	\$297.53

Component Description:	Legal Services
Amount:	\$903.70

Component Description:	For Professional Services Rendered
Amount:	\$19.93

Component Description:	Professional Services Rendered
Amount:	\$44.94

Component Description:	Professional Services Rendered
Amount:	\$191.81

	<p>Component Description: professional-services rendered in connection with the above referenced matter through December 31, 2018</p> <p>Amount: \$27.86</p>
	<p>Component Description: WTNZ-550-Attorney - Negotiate Lease and Other Matters</p> <p>Amount: \$213.20</p>
	<p>Component Description: RE: WTNZ Repack Legal Services (19200)</p> <p>Amount: \$2,084.00</p>
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	<p>Component Description: WTNZ-550-Attorney - License to Cover Application (Main)</p> <p>Amount: \$765.50</p>
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	<p>Component Description: Preparation of engineering portion of FCC post-repack license application</p> <p>Amount: \$750.00</p>

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description:	Preparation of the engineering portion of FCC Form 2100
	Amount:	\$1,625.00
	Component Description:	Preparation of the engineering portion of FCC Form 2100
	Amount:	\$2,000.00
Perform engineering study for new channel assignment and antenna development	Component Description:	Project management
	Amount:	\$1,770.83
	Component Description:	Site visit for WTNZ repack planning
	Amount:	\$255.20
	Component Description:	WTNZ-530-RF Eng - Engineering Study for New Channel Assignment
	Amount:	\$1,568.98
	Component Description:	Repack engineering
	Amount:	\$220.83
	Component Description:	Engineering study work for new channel assignment and antenna development.
	Amount:	\$125.00

	Component Description:	WTNZ-530-RF Eng - Engineering Study for New Channel Assignment
	Amount:	\$216.67
	Component Description:	WTNZ-530-RF Eng - Engineering Study for New Channel Assignment
	Amount:	\$2,250.00
	Component Description:	Repack Engineering
	Amount:	\$1,187.50
	Component Description:	WTNZ-530-RF Eng - Engineering Study for New Channel Assignment
	Amount:	\$70.83
Address transition timing and coordination issues w/ other stations and wireless	Component Description:	Repack Legal Services
	Amount:	\$282.00

Prepare and or review reimbursement form	Component Description:	WTNZ Repack legal Services
	Amount:	\$25.20
	Component Description:	WTNZ-550-Attorney - Prepare and or review reimbursement form
	Amount:	\$26.10
	Component Description:	Repack Legal Services
	Amount:	\$543.20
	Component Description:	RE: WTNZ Repack Legal Services (19200)
	Amount:	\$49.00
Project management of the transition	Component Description:	Project Management
	Amount:	\$3,227.55
	Component Description:	Project Management
	Amount:	\$3,143.20
	Component Description:	Project Management
	Amount:	\$6,425.50
	Component Description:	WTNZ-510-Project Management
	Amount:	\$77.00

Component Description:	Project Management
Amount:	\$2,362.50

Component Description:	Project Management
Amount:	\$2,597.50

Component Description:	Project Management
Amount:	\$4,346.35

Component Description:	Project Management
Amount:	\$169.40

Component Description:	Project Management
Amount:	\$968.87

Component Description:	Project Management
Amount:	\$3,098.10

Component Description:	Project Management
Amount:	\$8,713.00

Component Description:	Project Management
Amount:	\$6,866.25

Component Description:	Travel Expenses
Amount:	\$893.20

Component Description:	WTNZ-510-Project Management
Amount:	\$9,480.00

Component Description:	Project Management
Amount:	\$4,755.60

Component Description:	Project Management
Amount:	\$821.00

Component Description:	Project Management
Amount:	\$485.09

Component Description:	Project management
Amount:	\$4,896.95

Component Description:	Project Management
Amount:	\$741.72

Component Description:	Widely information request
Amount:	\$43.63

Component Description:	Project Management
Amount:	\$3,447.50

Component Description:	Project Management
Amount:	\$3,757.85

Component Description:	Project Management
Amount:	\$3,366.65

Component Description:	Project Management
Amount:	\$2,175.00

Component Description:	Project management
Amount:	\$2,324.00

Component Description:	Project Management
Amount:	\$7,524.15

Component Description:	Project Management
Amount:	\$4,771.30

Component Description:	Project Management
Amount:	\$4,761.25

Component Description:	Project management
Amount:	\$6,194.05

Component Description:	Project Management
Amount:	\$4,061.70

Component Description:	Project Management
Amount:	\$105.00

Component Description:	Project Management
Amount:	\$6,636.05

Component Description:	Project Management
Amount:	\$4,300.85

Component Description:	Project Management
Amount:	\$2,855.15

Component Description:	Project Management
Amount:	\$2,084.95

Component Description:	Project Management
Amount:	\$4,220.35

Component Description:	WTNZ-510-Project Management
Amount:	\$385.00

Component Description:	Project Management
Amount:	\$4,945.00

Component Description:	Project Management
Amount:	\$2,999.90

Component Description:	Project Management
Amount:	\$4,848.75

Component Description:	Project Management
Amount:	\$3,024.00

Component Description:	Project Management
Amount:	\$2,345.25

Component Description:	Project Management
Amount:	\$2,089.50

Component Description:	Project Management
Amount:	\$1,413.75

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	\$234,701.76	\$227,656.76		\$166,177.43	
Site Security	<i>\$9,450.00</i>	\$9,450.00	Invoices Christopher Bell 001, Christopher Jones 002, Daniel Paidousis 002, David Gerlach 002, 003, Hayden Cochran 001, James Lockmiller 002, 003, Michael Geddings 001, 002, Alan Meisheid 001, 002, Jonathan Gomez 001, Shawn Austin 001	\$9,450.00	N/A
ATC Expenses	<i>\$19,630.00</i>	\$19,630.00	ATC document attached	N/A	N/A
Microwave STL	<i>\$119,671.69</i>	\$119,671.69	See Estimated Cost Justification WTNZ-610-Microwave STL v1	\$118,974.88	N/A
MVPD Notification of Channel Change	<i>\$5,000.00</i>	\$5,000.00	N/A	N/A	N/A

Develop and air announcement of upcoming channel change	\$2,850.00	\$2,850.00	estimate for on air rescan announcement production Quote attached	N/A	N/A
Equipment Storage	\$20,000.00	\$20,000.00	Dielectric letter attached	\$1,560.00	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$1,070.00	Please see WTNZ FCC Filing Fee STA Budget Revision Justification Letter.pdf	\$1,070.00	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$3,750.00	Group quote attached	\$3,750.00	N/A
Equipment Delivery and Handling Charges	\$10,410.07	\$10,410.07	Estimated Cost Justification WTNZ-610-Equipment Delivery and Handling v2	\$10,410.07	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$25,000.00	\$25,000.00	N/A	\$11,462.48	N/A

Non-zoning permits	\$8,500.00	\$8,500.00	see Estimated Cost Justification WTNZ-610-Non-Zoning Permits v0	\$8,500.00	N/A
Local Zoning	\$1,000.00	\$1,000.00	Please see WTNZ Customer Project Cost Estimation 282655 Knoxville TN 1	\$1,000.00	N/A
Sub-total	\$234,701.76	\$227,656.76	N/A	\$166,177.43	N/A
Total for all systems	\$3,623,709.31	\$3,135,995.46	N/A	\$2,355,137.92	N/A

Components

Actual Information	
Description	File Name
Site Security	<p>Component Description: WTNZ Antenna Upgrade Job #691</p> <p>Amount: \$240.00</p> <p>Component Description: Repack Security</p> <p>Amount: \$420.00</p> <p>Component Description: Repack Security</p> <p>Amount: \$210.00</p> <p>Component Description: Repack Security - GL#110128</p> <p>Amount: \$450.00</p> <p>Component Description: Repack Security</p> <p>Amount: \$240.00</p>

Component Description:	Repack Security
Amount:	\$240.00

Component Description:	Repack Security - GL#110128
Amount:	\$660.00

Component Description:	WTNZ Antenna Upgrade Job #691
Amount:	\$480.00

Component Description:	Repack Security
Amount:	\$270.00

Component Description:	WTNZ Antenna Upgrade Job #691
Amount:	\$420.00

Component Description:	Repack Security - GL#110128
Amount:	\$420.00

Component Description:	WTNZ Antenna Upgrade Job #691
Amount:	\$420.00

Component Description:	WTNZ Antenna Upgrade Job #691
Amount:	\$450.00

Component Description:	Repack Security - GL#110128
Amount:	\$240.00

Component Description:	WTNZ Antenna Upgrade Job #691
Amount:	\$240.00

Component Description:	Repack Security
Amount:	\$510.00

Component Description:	WTNZ Antenna Upgrade Job #691
Amount:	\$480.00

Component Description:	Repack Security - GL#110128
Amount:	\$660.00

Component Description:	Repack Security
Amount:	\$210.00

Component Description:	WTNZ Antenna Upgrade Job #691
Amount:	\$210.00

Component Description:	Repack Security
Amount:	\$210.00

Component Description:	Repack Security
Amount:	\$1,260.00

Component Description:	Repack Security
Amount:	\$270.00

Component Description:	Repack Security - GL#110128
Amount:	\$240.00

ATC Expenses	Information not provided.	
Microwave STL	Component Description: Amount:	Antenna HP DP \$40,106.40 FREIGHT CHARGES \$2,363.78 Ubiquiti- Powerbeam 5 GHZ, 400MM- US \$13,424.53 IPLink 6GHz Duplex T/R HS, High RF \$60,126.69 MRK Series 19" Gangable Enclosure \$2,953.48
MVPD Notification of Channel Change	Information not provided.	
Develop and air announcement of upcoming channel change	Information not provided.	
Equipment Storage	Component Description: Amount:	WTNZ-610- Equipment Storage \$1,560.00

FCC Filing Fees - Special Temporary Authorization request	<div> <div>Component Description:</div> <div>WTNZ-610-FCC Filing Fee - Special Temporary Authorization</div> </div> <div> <div>Amount:</div> <div>\$1,070.00</div> </div>
FCC Filing Fees - Form 2100 license to cover application	Information not provided.
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.
DTV Medical Facility Notification	<div> <div>Component Description:</div> <div>Medical Notification Mailing Complete per FCC Repack</div> </div> <div> <div>Amount:</div> <div>\$3,750.00</div> </div>

Equipment Delivery and Handling Charges		
	Component Description:	FREIGHT AND SHIPPING LINES
		1,2 FEDEX FIRST OVERNIGHT
	Amount:	\$1,258.98
	Component Description:	FREIGHT AND SHIPPING LINES
		1, 2, 3 FEDEX FIRST OVERNIGHT
	Amount:	\$3,188.42
	Component Description:	Stowers Rental
		TL642D
	Amount:	\$787.48
	Component Description:	EQUIPMENT RENTAL
	Amount:	\$787.48
	Component Description:	EQUIPMENT RENTAL
	Amount:	\$405.21
	Component Description:	Freight and Shipping
	Amount:	\$3,982.50

Disposal Costs (for equipment and other waste, net of any salvage value)	<table> <tr> <td data-bbox="711 98 1114 412"> Component Description: Amount: </td><td data-bbox="1114 98 1428 412"> Patterson TN Waste 30 YD Dumpster \$450.00 </td></tr> <tr> <td data-bbox="711 412 1114 725"> Component Description: Amount: </td><td data-bbox="1114 412 1428 725"> Service Call \$9,150.00 </td></tr> <tr> <td data-bbox="711 725 1114 1039"> Component Description: Amount: </td><td data-bbox="1114 725 1428 1039"> Fee, Fuel Surcharge \$1,412.48 </td></tr> <tr> <td data-bbox="711 1039 1114 1352"> Component Description: Amount: </td><td data-bbox="1114 1039 1428 1352"> delivery of roll-off container, release of roll-off container \$450.00 </td></tr> </table>	Component Description: Amount:	Patterson TN Waste 30 YD Dumpster \$450.00	Component Description: Amount:	Service Call \$9,150.00	Component Description: Amount:	Fee, Fuel Surcharge \$1,412.48	Component Description: Amount:	delivery of roll-off container, release of roll-off container \$450.00
Component Description: Amount:	Patterson TN Waste 30 YD Dumpster \$450.00								
Component Description: Amount:	Service Call \$9,150.00								
Component Description: Amount:	Fee, Fuel Surcharge \$1,412.48								
Component Description: Amount:	delivery of roll-off container, release of roll-off container \$450.00								
Non-zoning permits	<table> <tr> <td data-bbox="711 1039 1114 1294"> Component Description: Amount: </td><td data-bbox="1114 1039 1428 1294"> WTNZ-610-Non-Zoning Permits \$8,500.00 </td></tr> </table>	Component Description: Amount:	WTNZ-610-Non-Zoning Permits \$8,500.00						
Component Description: Amount:	WTNZ-610-Non-Zoning Permits \$8,500.00								
Local Zoning	<table> <tr> <td data-bbox="711 1294 1114 1543"> Component Description: Amount: </td><td data-bbox="1114 1294 1428 1543"> WTNZ-610-Local Zoning \$1,000.00 </td></tr> </table>	Component Description: Amount:	WTNZ-610-Local Zoning \$1,000.00						
Component Description: Amount:	WTNZ-610-Local Zoning \$1,000.00								

Cost Information	Grand Total		
		Predetermined Cost Estimate	Estimated Cost
			Actual Cost
	Total for all systems	\$3,623,709.31	\$3,135,995.46
			\$2,355,137.92

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.	Yes

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>Bob Pectelidis <i>Director of Corporate Engineering</i></p> <p>09/10/2021</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.

**Bob
Pectelidis**
*Director of
Corporate
Engineering*

09/10/2021

Attachments