



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **72958** | Service: **DTV** | Call **WBNX-TV** | Channel: **17 (UHF)** |
ID: | Sign: |
File **0000028689**
Number: |
FRN: **0003775640** | Date **05/09**
Submitted: **/2019**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
WINSTON BROADCASTING NETWORK, INC.	Lori Bruch 2690 STATE ROAD CUYAHOGA FALLS, OH 44223 United States	+1 (440) 843- 5555	lbruch@wbx. com	Corporation
Doing Business As:				
WINSTON BROADCASTING NETWORK, INC.				

Reimbursement Contact Information

Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email
Lori Bruch <i>General Manager</i> <i>Winston Broadcasting</i> <i>Network, Inc.</i>	Lori Bruch 2690 State Road Cuyahoga Falls, OH 44223 United States	+1 (440) 843- 5555	lbruch@wbx. 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	Acquire new antennas and new transmitter. Install interim antenna and line for new ch 17 midway on tower in time for transition. Swap out existing main antenna for new top mount antenna

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	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Auxiliary backup
	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	ABS-IOT-1
	Year	2001
	Type	Inductive Output Tube
	IOT Power Type	Single
	Power Capacity	13.5 kW

**Auxiliary
Transmitter****New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	ULXTE-20
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	13.8 kW
	Justification for New Transmitter	Unable to retune old transmitter; expect new solid state to be less expensive than new IOT. lot transmitters are no longer in production

**Auxiliary
Transmitter****Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No

	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	To be determined upon completion of site survey.
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Auxiliary Transmitter **Other Transmitter Cost Not Listed**
Information not provided.

**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	DCXP-1 Paragon
	Year	2007
	Type	Inductive Output Tube
	IOT Power Type	Single
	Power Capacity	25 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-20
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	13.8 kW
	Justification for New Transmitter	Transmitter cannot be retuned. New tube transmitter expected to exceed cost of new solid state transmitter.

**Primary
Transmitter**

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A

	Length	N/A
	Other Electrical Service	Yes
	Description	To be determined upon completion of site survey.
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter **Other Transmitter Cost Not Listed**

Name	Description
Site Survey	Site Survey to determine design of new transmitters and RF system and electrical needs

Antennas

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

Primary Antenna

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	Yes
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels	N/A
	Design power capacity in use	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	1000.0 kW

Manufacturer	
Model	TFU- 30DSC-R P270BNT
Year	2007

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?	Yes
	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)	505.0 kW
	Manufacturer	

Model	TFU-21ETT / VP-R P270BNT
Year	2019
Justification for New Antenna	Current antenna is not capable of being retuned.

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	6 1/8 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

**Primary
Antenna**

Other Antenna Cost Not Listed

Information not provided.

**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?	Yes
New Antenna Manufacturer and Type	Class	Full Power
	Mounting	Side 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)	638.0 kW
	Manufacturer	
	Model	TFU-30DSC /VP-R P270BNT

	Year	2019
	Justification for New Antenna	Interim antenna necessary for use during new channel construction.

Interim Antenna

Other Antenna Costs

Section	Question	Response
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	S
	Feed Line Size	4 1/16 inches
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?	Yes
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Interim Antenna

Other Antenna Cost Not Listed

Information not provided.

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	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	
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1131 feet per run

Primary **New Transmission Line**
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	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	120 feet per run
	Justification for New Transmission Line	needing to extend existing line to new antenna position

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

Information not provided.

Interim
Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	Rigid
	Diameter	4 1/16 inches
	Segment Length	19 ½ '
	Other Segment Length	
	Number of parallel runs	1
	Length	950 feet per run
	Justification for New Transmission Line	Interim transmission line to be used for interim antenna during new channel construction.

Interim
Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

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	Leased
	Is this tower consider Complex?	No
	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?	Unknown
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1012028
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	41° 23' 02.0" N-
	Longitude (NAD83)	081° 41' 43.0" W-
	Overall Structure Height	1130.89 feet
	Support Structure Height	1127.94 feet
	Ground Elevation Above Mean Sea Level (AMSL)	917.97 feet

	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	DLM TOWERS LIMITED
	Date Constructed	03/30/1993

**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
41074	W16DO-D	DTV

Other Types of Users

Users
WCDN-LD
US Secret Servi
FBI

Primary Tower

Tower Modification Costs

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

**Primary
Tower**

Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	N/A
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?	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	Yes
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	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	Yes
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	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	Yes
	Additional Field Engineering Service	Yes
	Number of Days	30
	Justification	Unknown number of days needed.

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

Name	Description
Brooks Pierce	Legal advice regarding repack

Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	Yes
	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	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
	Information not provided.

Cost Information

Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter ULXTE-20	\$545,818.92	\$545,818.92		\$363,168.64	
Site Survey	<i>\$8,668.10</i>	\$8,668.10	cost per vendor invoice US0324654	\$8,668.10	N/A
UHF - Liquid Cooled Solid State Transmitter 13.8 kW	<i>\$537,150.82</i>	\$537,150.82	N/A	\$354,500.54	N/A
Other Electrical Service: To be determined upon completion of site survey.	<i>\$0.00</i>	\$0.00	N/A	N/A	N/A
Auxiliary Transmitter ULXTE-20	\$491,167.40	\$491,167.40		\$323,844.94	
UHF - Liquid Cooled Solid State Transmitter 13.8 kW	<i>\$491,167.40</i>	\$491,167.40	N/A	\$323,844.94	N/A

Other Electrical Service: To be determined upon completion of site survey.	\$0.00	\$0.00	N/A	N/A	N/A
Sub-total	\$1,036,986.32	\$1,036,986.32	N/A	\$687,013.58	N/A
Total for all systems	\$2,371,060.82	\$2,288,525.92	N/A	\$1,381,255.58	N/A

Components

Actual Information	
Description	File Name
Site Survey	Component Description: request only includes tax, the main invoice amount has already been reimbursed
	Amount: \$548.10
	Component Description: site survey for transmitters and RF
	Amount: \$8,120.00
UHF - Liquid Cooled Solid State Transmitter 13.8 kW	Component Description: 2nd payment for Main Transmitter
	Amount: \$177,250.27
	Component Description: 1/3 down payment for main transmitter
	Amount: \$177,250.27

Other Electrical Service: To be determined upon completion of site survey.	Information not provided.
UHF - Liquid Cooled Solid State Transmitter 13.8 kW	<div> <div> Component Description: Amount: </div> <div> 2nd payment for Backup Transmitter \$161,922.47 </div> </div> <div> <div> Component Description: Amount: </div> <div> 1/3 down payment for Backup Transmitter \$161,922.47 </div> </div>
Other Electrical Service: To be determined upon completion of site survey.	Information not provided.

**Cost
Information**

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Antenna TFU-30DSC /VP-R P270BNT	\$287,459.50	\$294,757.20		\$283,357.20	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	\$0.00	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$29,879.33	actual cost, including tax, as provided by vendor invoice	\$29,879.33	amount includes mounting bracket line item and applicable tax

UHF - High Power, Side Mount, basic slot antenna, 638 kW input, directional,, elliptically or circularly polarized	\$242,749.50	\$242,749.50	actual cost, including tax, as provided by vendor invoice	\$242,749.50	please disregard and delete prior filings - invoices dated 2/8 /19 and 4 /22/19 have been corrected and uploaded again actual cost, including tax, as provided by vendor invoice
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	\$9,570.00	\$10,728.37	actual cost, including tax, as provided by vendor invoice	\$10,728.37	amount includes elbow complex line item and applicable tax
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
Primary Antenna TFU-21ETT / VP-R P270BNT	\$308,530.00	\$272,380.44		\$265,980.44	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$13,719.51	actual cost, including tax, as provided by vendor invoice	\$13,719.51	amount includes elbow complex line item and applicable tax
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$252,260.93	actual cost, including tax, as provided by vendor invoice	\$252,260.93	please disregard and delete prior filings - invoices dated 2/8 /19 and 4 /22/19 have been corrected and uploaded again actual cost, including tax, as provided by vendor invoice
Sub-total	\$595,989.50	\$567,137.64	N/A	\$549,337.64	N/A
Total for all systems	\$2,371,060.82	\$2,288,525.92	N/A	\$1,381,255.58	N/A

Components

Actual Information	
Description	File Name
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	<p>Component Description: N/A</p> <p>Amount: N/A</p>

Side mount brackets for high power antennas (if not included in antenna base cost)	<div> <div>Component Description:</div> <div>amount includes mounting bracket line item and applicable tax</div> </div> <div> <div>Amount:</div> <div>\$29,879.33</div> </div>
UHF - High Power, Side Mount, basic slot antenna, 638 kW input, directional,, elliptically or circularly polarized	<div> <div>Component Description:</div> <div>2nd payment invoice for aux antenna along with associated transmission lines as required per FCC Repack Directive and Contract TS19-004A, amount requested reflects the difference between H-pol and E-pol.</div> </div> <div> <div>Amount:</div> <div>\$153,757.03</div> </div> <div> <div>Component Description:</div> <div>amount includes antenna line item and applicable tax</div> </div> <div> <div>Amount:</div> <div>\$242,749.50</div> </div> <div> <div>Component Description:</div> <div>Down payment invoice for aux antenna along with associated transmission lines as required per FCC Repack Directive and Contract TS19-004A, amount requested reflects the difference between H-pol and E-pol.</div> </div> <div> <div>Amount:</div> <div>\$153,757.03</div> </div>

Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	<p>Component Description:</p> <p>Amount:</p>	<p>amount includes elbow complex line item and applicable tax</p> <p>\$10,728.37</p>
Sweep test of existing antenna	Information not provided.	
Sweep test of existing antenna	Information not provided.	
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	<p>Component Description:</p> <p>Amount:</p>	<p>amount includes elbow complex line item and applicable tax</p> <p>\$13,719.51</p>

UHF - High Power Top
Mount (200-1000 kW), One
station antenna , elliptically
or circularly polarized

Component Description:

2nd payment
invoice for Main
antenna along
with associated
transmission lines
as required per
FCC Repack
Directive and
Contract TS19-
004A, amount
requested reflects
the difference
between H-pol
and E-pol.

Amount:

\$153,757.03

Component Description:

amount includes
antenna line item
and applicable tax
\$252,260.93

Amount:

Component Description:

Down payment
invoice for Main
antenna along
with associated
transmission lines
as required per
FCC Repack
Directive and
Contract TS19-
004A, amount
requested reflects
the difference
between H-pol
and E-pol.

Amount:

\$153,757.03

Cost
Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmission Line	\$134,900.00	\$116,164.28		\$116,164.28	
Rigid Transmission Line - copper, 4 1 /16"	\$134,900.00	\$116,164.28	actual cost, including tax, as provided by vendor invoice	\$116,164.28	amount includes transmission line for interim antenna line item and applicable tax
Primary Transmission Line	\$24,240.00	\$17,862.68		\$17,862.68	
Rigid Transmission Line - copper, 6 1/8"	\$24,240.00	\$17,862.68	actual cost, including tax, as provided by vendor invoice	\$17,862.68	amount includes transmission line extension for main antenna line item and applicable tax
Sub-total	\$159,140.00	\$134,026.96	N/A	\$134,026.96	N/A
Total for all systems	\$2,371,060.82	\$2,288,525.92	N/A	\$1,381,255.58	N/A

Components

Actual Information Description	File Name
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Rigid Transmission Line - copper, 4 1/16"	<div data-bbox="703 163 1428 365"> Component Description: <div>amount includes transmission line for interim antenna line item and applicable tax</div> </div> <div data-bbox="703 365 1428 409"> Amount: <div>\$116,164.28</div> </div>
Rigid Transmission Line - copper, 6 1/8"	<div data-bbox="703 542 1428 743"> Component Description: <div>amount includes transmission line extension for main antenna line item and applicable tax</div> </div> <div data-bbox="703 743 1428 788"> Amount: <div>\$17,862.68</div> </div>

Cost Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower TOWER	\$394,800.00	\$375,000.00		\$3,844.80	
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$25,000.00	N/A	\$3,844.80	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	N/A	N/A	N/A
Tall Tower (greater than 500')	\$210,500.00	\$200,000.00	N/A	N/A	N/A
Sub-total	\$394,800.00	\$375,000.00	N/A	\$3,844.80	N/A
Total for all systems	\$2,371,060.82	\$2,288,525.92	N/A	\$1,381,255.58	N/A

Components

Actual Information Description	File Name
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Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	<div> <div> Component Description: </div> <div> Conduct climbing inspection of WBNX-TV tower in Parma, Ohio. Detail and map tower for TV repack structural analysis study. </div> </div> <div> Amount: </div> <div> \$3,844.80 </div>
Minor tower reinforcement /modifications	Information not provided.
Tall Tower (greater than 500')	Information not provided.

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	\$153,065.00	\$145,250.00		\$6,751.75	
Brooks Pierce	<i>\$5,000.00</i>	\$5,000.00	N/A	\$1,200.00	N/A
Additional Field Engineering Service, 30 Days	<i>\$0.00</i>	\$0.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	N/A	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	\$4,210.00	\$4,000.00	N/A	\$0.00	N/A

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	N/A	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A

Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$5,551.75	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	N/A	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	\$2,105.00	\$2,000.00	N/A	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
Sub-total	\$153,065.00	\$145,250.00	N/A	\$6,751.75	N/A
Total for all systems	\$2,371,060.82	\$2,288,525.92	N/A	\$1,381,255.58	N/A

Components

Actual Information
Description

File Name

Brooks Pierce	Component Description: Amount:	Repack legal services Feb 2018 \$107.00
	Component Description: Amount:	Repack legal services Jan 2019 \$54.50
	Component Description: Amount:	Requesting reimbursement for line 1 only at this time. \$47.50
	Component Description: Amount:	Repack legal services Feb 2019 \$743.50
	Component Description: Amount:	Repack legal services Jan 2018 \$49.50
	Component Description: Amount:	Repack legal service March 2018 \$99.00
	Component Description: Amount:	Repack legal services July 2018 \$49.50
	Component Description: Amount:	Repack legal services April 2018 \$49.50
Additional Field Engineering Service, 30 Days	Information not provided.	

Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.
Attorney Fees - Negotiation of lease and other matters for shared locations	Information not provided.
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.
Prepare request for Special Temporary Authorization	Information not provided.
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
Prepare and or review reimbursement form	Information not provided.
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.

Perform engineering study for new channel assignment and antenna development	<table> <tr> <td data-bbox="702 174 1018 208">Component Description:</td><td data-bbox="1145 174 1426 324">Consultation for transmitter power required for new antenna</td></tr> <tr> <td data-bbox="702 336 817 369">Amount:</td><td data-bbox="1145 336 1244 369">\$375.00</td></tr> <tr> <td data-bbox="702 477 1018 510">Component Description:</td><td data-bbox="1145 477 1426 705">engineering services to evaluate the options for side mounted auxiliary / interim antenna</td></tr> <tr> <td data-bbox="702 716 817 750">Amount:</td><td data-bbox="1145 716 1268 750">\$5,176.75</td></tr> </table>	Component Description:	Consultation for transmitter power required for new antenna	Amount:	\$375.00	Component Description:	engineering services to evaluate the options for side mounted auxiliary / interim antenna	Amount:	\$5,176.75
Component Description:	Consultation for transmitter power required for new antenna								
Amount:	\$375.00								
Component Description:	engineering services to evaluate the options for side mounted auxiliary / interim antenna								
Amount:	\$5,176.75								
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.								
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	Information not provided.								
RF Exposure Measurements	Information not provided.								
Comprehensive coverage verification via field study, if needed	Information not provided.								

Cost Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$31,080.00	\$30,125.00		\$280.85	
MVPD Notification of Channel Change	<i>\$5,000.00</i>	\$5,000.00	N/A	\$280.85	N/A
Develop and air announcement of upcoming channel change	<i>\$0.00</i>	\$0.00	N/A	N/A	N/A
Equipment Storage	<i>\$0.00</i>	\$0.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	<i>\$0.00</i>	\$0.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$5,000.00</i>	\$5,000.00	Station attempting to obtain quote.	N/A	N/A
Non-zoning permits	<i>\$0.00</i>	\$0.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	N/A	N/A

AM Pattern Disturbance -- Impact study	\$7,890.00	\$7,500.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,110.00	amount per receipt for filing Form 2100	\$0.00	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
Sub-total	\$31,080.00	\$30,125.00	N/A	\$280.85	N/A
Total for all systems	\$2,371,060.82	\$2,288,525.92	N/A	\$1,381,255.58	N/A

Components

Actual Information	
Description	File Name
MVPD Notification of Channel Change	<p>Component Description: receipt for mailing MVPD notification letters, EIN is for WBNX</p> <p>Amount: \$280.85</p>
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Storage	Information not provided.
Equipment Delivery and Handling Charges	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.
Non-zoning permits	Information not provided.

FCC Filing Fees - Special Temporary Authorization request	Information not provided.
DTV Medical Facility Notification	Information not provided.
AM Pattern Disturbance -- Impact study	Information not provided.
FCC Filing Fees - Form 2100 minor change CP application	<div> <div>Component Description:</div> <div>Fees for filing of CP for auxiliary antenna, EIN is station's</div> <div>Amount:</div> <div>\$1,110.00</div> </div>
FCC Filing Fees - Form 2100 license to cover application	Information not provided.

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$2,371,060.82	\$2,288,525.92	\$1,381,255.58

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

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> 1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount. 	

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

<p>8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Pamela J Dourm <i>Chief Engineer</i></p> <p>05/09/2019</p>

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).	
		<ol style="list-style-type: none"> 1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. 3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 	

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

<p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Pamela J Dourm <i>Chief Engineer</i></p> <p>05/09/2019</p>

Attachments