



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **126** | Service: **DTV** | Call **KDVR** | Channel: **36 (UHF)**
ID: | Sign:
File **0000028119**
Number:
FRN: **0022824668** | Date **01/10**
Submitted: **/2020**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
TRIBUNE BROADCASTING DENVER LICENSE, LLC Doing Business As: TRIBUNE BROADCASTING DENVER LICENSE, LLC	Dave Stromberg 100 EAST SPEER BLVD DENVER, CO 80203 United States	+1 (312) 222-3894	Dave. Stromberg@kdvr.com	Limited Liability Company

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
Bill Vanduynehoven , Vanduynehov . <i>Sr. Director of Engineering- RF Systems</i> <i>Nexstar Broadcasting Inc.</i>	Bill Vanduynehoven 2211 Rabbit Hill Cir Dacula, GA 30019 United States	+1 (404) 312-8693	bvanduynehoven@nexstar.tv

**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.	No
Briefly describe transition plan	Mount new Antenna above current antenna New transmission line Replace transmitter

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	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	Innovator HU5000BD
	Year	2008
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	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?	No
	Manufacturer	
	Model	UAXTE-8
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	4.8 kW
	Justification for New Transmitter	Manufacturer has not responded with an acceptable quote. See justification

**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	100A 208V service
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	DCX-3
	Year	1998
	Type	Inductive Output Tube
	IOT Power Type	Three
	Power Capacity	60 kW

Primary Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	ULXTE-72
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	47.2 kW
	Justification for New Transmitter	Manufacturer has stated the current transmitter is not re-tunable

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	300 kVA
	Rigid Conduit and Wiring	Yes
	Size	2 inches
	Length	400.0 feet
	Other Electrical Service	No
	Description	N/A

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
Removal	Clear space for new Transmitter

Antennas

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

**Primary
Antenna**

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	Yes
	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	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	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	ATW-22H4- ESC3-32S
Year	2002

**Primary
Antenna**

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	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)	1000.0 kW
Manufacturer		

Model	TFU-26DSC /VP-R C170 MT
Year	2018
Justification for New Antenna	Current antenna will not work on assigned channel Updated replacement antenna model number to make assigned 1 MW ERP 3 /15/18

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

**Primary
Antenna**

Other Antenna Cost Not Listed

Name	Description
Taxes	taxes

**Interim
Antenna**

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Type	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Broadband Slot
	Number of Stations Supported	1
	Number of Panels/Bays	16
	Lower Limit	470.00 MHz
	Upper Limit	700.00 MHz
	Design power capacity in use	90.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	250.0 kW
	Manufacturer	
	Model	TFU-16WB- R C160
	Year	2020

Justification for New Antenna

Interim antenna to operate during transition

Interim Antenna

Other Antenna Costs

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

Interim Antenna

Other Antenna Cost Not Listed

Name	Description
Taxes	taxes for the Antenna

**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	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	250 feet per run

**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	420 feet per run
	Justification for New Transmission Line	Replace line so KDVR can continue to operate on existing antenna system during transition Old line is shorter than new line.

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

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	Flexible Air
	Diameter	3 inches
	Segment Length	N/A
	Other Segment Length	
	Number of parallel runs	1
	Length	200 feet per run
	Justification for New Transmission Line	To feed interim antenna during transition

**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	Owned
	Is this tower consider Complex?	Terrain Constrained
	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?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1022259
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	39° 43' 42.1" N-
	Longitude (NAD83)	105° 14' 15.7" W-
	Overall Structure Height	375.00 feet
	Support Structure Height	372.04 feet

Ground Elevation Above Mean Sea Level (AMSL)	7357.85 feet
Structure Type	LTOWER - Lattice Tower
Tower Owner	Tribune Broadcasting Denver License, LLC
Date Constructed	05/06/2014

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:	Serious Reinforcements needed

Primary Tower

Tower Rigging Costs

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

Primary Tower

Other Tower Expenses Not Listed

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	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	2
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
	Attorney and Other Outside Consulting Services	Prepare and file Form FCC Construction Permit Application
For Auxiliary Facility		N/A
For Main Facility		N/A
Prepare and file Form FCC License to Cover Application		No
For Auxiliary Facility		N/A
For Main Facility		N/A

	Prepare request for Special Temporary Authority	No
	Quantity	N/A
	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	No
	Prepare or Review FCC Form 399 for Reimbursement	No
	Address transition timing and coordination issues w/ other stations and wireless providers	No
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	Yes
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Outside Professional Services Costs **Other Professional Services Expenses Not Listed**
Information not provided.

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	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	Yes
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	Yes
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

**Other
Expenses**

Other Expenses Not Listed

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-72	\$1,597,800.00	\$1,388,000.00		\$1,105,537.18	
Removal	<i>\$25,000.00</i>	\$25,000.00	Clear space to replacement transmitter	N/A	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$10,400.00	\$10,000.00	N/A	N/A	N/A
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$35,000.00	N/A	\$31,784.20	N/A
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$1,268,000.00	N/A	\$1,043,752.98	N/A
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$13,700.00	N/A	N/A	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	\$30,000.00	N/A
Auxiliary Transmitter UAXTE-8	\$251,500.00	\$149,000.00		\$139,457.66	

UHF - Air Cooled Solid State Transmitter 4 - 6 kW	\$236,500.00	\$134,000.00	N/A	\$124,457.66	N/A
Other Electrical Service: 100A 208V service	<i>\$15,000.00</i>	\$15,000.00	N/A	\$15,000.00	N/A
Sub-total	\$1,849,300.00	\$1,537,000.00	N/A	\$1,244,994.84	N/A
Total for all systems	\$4,040,520.00	\$2,656,250.00	N/A	\$2,066,356.56	N/A

Components

Actual Information	
Description	File Name
Removal	Information not provided.
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
Transformer 3 phase/480v - 300 KVA	Component Description: electrical work Amount: \$31,784.20
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	Component Description: 3rd payment ULXTE-72 Amount: \$350,244.86 Component Description: 2nd payment for ULXTE-72 Amount: \$350,380.43 Component Description: ULXTE-72 Deposit Amount: \$343,127.69

Service entrance 3 phase /800 amp/208 volt	Information not provided.	
Switchgear - industrial 800 amp	Component Description: Amount:	electrical work \$30,000.00
UHF - Air Cooled Solid State Transmitter 4 - 6 kW	Component Description: Amount:	UAXTE-8 Int. Tx \$124,457.66
Other Electrical Service: 100A 208V service	Component Description: Amount:	electrical work \$15,000.00

Cost Information

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Antenna TFU-16WB-R C160	\$223,943.00	\$125,113.00		\$118,638.00	
Taxes	<i>\$4,563.00</i>	\$4,563.00	taxes	\$4,563.00	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$12,150.00	N/A	\$12,150.00	N/A
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	\$189,500.00	\$102,000.00	N/A	\$101,925.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
Primary Antenna TFU-26DSC /VP-R C170 MT	\$249,902.00	\$245,122.00		\$216,829.50	

Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$20,000.00	N/A	N/A	N/A
UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, elliptically or circularly polarized	<i>\$200,000.00</i>	\$200,000.00	N/A	\$193,050.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$5,760.00	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$11,000.00	N/A	\$10,297.50	N/A
Taxes	<i>\$7,722.00</i>	\$7,722.00	taxes	\$7,722.00	N/A
Sub-total	\$473,845.00	\$370,235.00	N/A	\$335,467.50	N/A
Total for all systems	\$4,040,520.00	\$2,656,250.00	N/A	\$2,066,356.56	N/A

Components

Actual Information Description	File Name
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Taxes	<p>Component Description: taxes for aux antenna</p> <p>Amount: \$4,563.00</p>
Side mount brackets for high power antennas (if not included in antenna base cost)	<p>Component Description: Side mount</p> <p>Amount: \$12,150.00</p>
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	<p>Component Description: Antenna - TFU-16WB</p> <p>Amount: \$101,925.00</p>
Sweep test of existing antenna	Information not provided.
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.

<p>UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, elliptically or circularly polarized</p>	<p>Component Description: last 10% of antenna and Vpol components Amount: \$19,305.00</p>
	<p>Component Description: deposit - VPOL Amount: \$9,517.50</p>
	<p>Component Description: Antenna deposit Amount: \$77,355.00</p>
	<p>Component Description: 2nd payment - antenna Amount: \$77,355.00</p>
	<p>Component Description: 2nd payment - VPOL Amount: \$9,517.50</p>
<p>Sweep test of existing antenna</p>	<p>Component Description: 2nd payment - sweep test Amount: \$2,880.00</p>
	<p>Component Description: deposit - sweep test Amount: \$2,880.00</p>

<p>Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)</p>	<table> <tr> <td data-bbox="705 91 1149 246">Component Description:</td> <td data-bbox="1149 91 1428 246">last 10% of this component</td> </tr> <tr> <td data-bbox="705 246 1149 313">Amount:</td> <td data-bbox="1149 246 1428 313">\$1,029.74</td> </tr> <tr> <td data-bbox="705 313 1149 470">Component Description:</td> <td data-bbox="1149 313 1428 470">2nd payment - elbow complex</td> </tr> <tr> <td data-bbox="705 470 1149 537">Amount:</td> <td data-bbox="1149 470 1428 537">\$4,633.88</td> </tr> <tr> <td data-bbox="705 537 1149 694">Component Description:</td> <td data-bbox="1149 537 1428 694">deposit - elbow complex</td> </tr> <tr> <td data-bbox="705 694 1149 784">Amount:</td> <td data-bbox="1149 694 1428 784">\$4,633.88</td> </tr> </table>	Component Description:	last 10% of this component	Amount:	\$1,029.74	Component Description:	2nd payment - elbow complex	Amount:	\$4,633.88	Component Description:	deposit - elbow complex	Amount:	\$4,633.88
Component Description:	last 10% of this component												
Amount:	\$1,029.74												
Component Description:	2nd payment - elbow complex												
Amount:	\$4,633.88												
Component Description:	deposit - elbow complex												
Amount:	\$4,633.88												
<p>Taxes</p>	<table> <tr> <td data-bbox="705 784 1149 851">Component Description:</td> <td data-bbox="1149 784 1428 851">taxes</td> </tr> <tr> <td data-bbox="705 851 1149 996">Amount:</td> <td data-bbox="1149 851 1428 996">\$7,722.00</td> </tr> </table>	Component Description:	taxes	Amount:	\$7,722.00								
Component Description:	taxes												
Amount:	\$7,722.00												

Cost Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmission Line	\$11,800.00	\$11,200.00		\$0.00	
Flexible Air Transmission Line - dielectric, 3"	\$11,800.00	\$11,200.00	N/A	N/A	N/A
Primary Transmission Line	\$84,840.00	\$75,000.00		\$73,304.16	
Rigid Transmission Line - copper, 6 1/8"	\$84,840.00	\$75,000.00	N/A	\$73,304.16	N/A
Sub-total	\$96,640.00	\$86,200.00	N/A	\$73,304.16	N/A
Total for all systems	\$4,040,520.00	\$2,656,250.00	N/A	\$2,066,356.56	N/A

Components

Actual Information	
Description	File Name
Flexible Air Transmission Line - dielectric, 3"	Information not provided.

Rigid Transmission Line -
copper, 6 1/8"

Component Description: last 10% of this
component
Amount: \$6,651.90

Component Description: 2nd payment -
transmission line
Amount: \$29,933.55

Component Description: 2nd payment -
TLSCR's
Amount: \$1,856.25

Component Description: deposit - TLSCR's
Amount: \$1,856.25

Component Description: tax
Amount: \$3,072.66

Component Description: deposit -
transmission line
Amount: \$29,933.55

Cost Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower LTOWER	\$1,499,300.00	\$545,800.00		\$398,750.00	
Serious tower reinforcement /modifications	\$1,052,000.00	\$400,000.00	N/A	\$398,750.00	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$120,000.00	N/A	N/A	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$25,800.00	BAased on final billing	N/A	N/A
Sub-total	\$1,499,300.00	\$545,800.00	N/A	\$398,750.00	N/A
Total for all systems	\$4,040,520.00	\$2,656,250.00	N/A	\$2,066,356.56	N/A

Components

Actual Information Description	File Name
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<p>Serious tower reinforcement /modifications</p>	<p>Component Description: tower work Amount: \$398,750.00</p>
<p>Complex Tower (includes, for example, those with candelabras and/or stacked antennas)</p>	<p>Information not provided.</p>
<p>Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study</p>	<p>Information not provided.</p>

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	\$37,245.00	\$34,500.00		\$0.00	
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$4,100.00	\$3,000.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	N/A	N/A
Sub-total	\$37,245.00	\$34,500.00	N/A	\$0.00	N/A

Total for all systems	\$4,040,520.00	\$2,656,250.00	N/A	\$2,066,356.56	N/A
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Components

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	\$84,190.00	\$82,515.00		\$13,840.06	
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	\$0.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$3,750.00	N/A
Equipment Delivery and Handling Charges	<i>\$15,000.00</i>	\$15,000.00	N/A	\$10,090.06	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
Local Zoning	<i>\$10,000.00</i>	\$10,000.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
Equipment Storage	<i>\$10,000.00</i>	\$10,000.00	N/A	N/A	N/A

Develop and air announcement of upcoming channel change	\$0.00	\$0.00	N/A	N/A	N/A
MVPD Notification of Channel Change	\$11,000.00	\$11,000.00	N/A	N/A	N/A
Sub-total	\$84,190.00	\$82,515.00	N/A	\$13,840.06	N/A
Total for all systems	\$4,040,520.00	\$2,656,250.00	N/A	\$2,066,356.56	N/A

Components

Actual Information	
Description	File Name
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	Component Description: medical testing Amount: \$3,750.00
Equipment Delivery and Handling Charges	Component Description: freight and shipping Amount: \$7,897.50 Component Description: off loading components Amount: \$2,192.56
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.

Local Zoning	Information not provided.
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
Equipment Storage	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.
MVPD Notification of Channel Change	Information not provided.

Cost Information **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$4,040,520.00	\$2,656,250.00	\$2,066,356.56

Reimbursement Status

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

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> <li data-bbox="746 779 1038 1167">1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. <li data-bbox="746 1196 1023 1435">2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. <li data-bbox="746 1464 1034 1749">3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount. 	

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

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

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.

**Teri Ann
Guillory**
*Broadcasting
Operations*

01/10/2020

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

8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

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

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.

**Teri Ann
Guillory**
*Broadcasting
Operations*

01/10/2020

Attachments