



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **23342** | Service: **DTV** | Call **WOWK-TV** | Channel:
ID: | Sign:
10 (High VHF) | File **0000028501**
Number:
FRN: **0009961889** | Date **06/04**
Submitted: **/2020**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
NEXSTAR BROADCASTING, INC.	ELIZABETH RYDER 545 E. JOHN CARPENTER FREEWAY SUITE 700 IRVING, TX 75062 United States	+1 (972) 373-8800	ERYDER@NEXSTAR.TV	Corporation

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
Elizabeth Ryder <i>General Counsel</i> <i>Nexstar Broadcasting, Inc.</i>	Elizabeth Ryder 545 E. John Carpenter Freeway Suite 700 Irving, TX 75062 United States	+1 (972) 373-8800	eryder@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.		Yes
Briefly describe transition plan		Replace transmitter and antenna using existing line. Acquire interim antenna and line for continued operation during construction and duration of the assigned phase. Map and analyze tower; design and implement modifications if required. See attached.

Transmitters

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

**Primary
Transmitter**

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	PTCD10P1- i
	Year	2008
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	4 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?	No
	Manufacturer	
	Model	VAXTE-3R37
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	2.4 kW
	Justification for New Transmitter	The manufacturer of the existing transmitter advises that the transmitter cannot be re-tuned to the assigned channel. See attachment.

**Primary
Transmitter**

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	150 kVA
	Rigid Conduit and Wiring	Yes

	Size	3 inches
	Length	100.0 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
Additional Transmitter Costs	Additional Transmitter Costs
Standby Exciter and Switch	Standby Exciter with Automatic Change Over Switch
Additional Interior RF System	Interior RF System Existing Transmitter to Interim Transmission line

Antennas

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

**Primary
Antenna**

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	No
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Top
	Polarization	Horizontal
	Type	Other
	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	Travelling Wave
	ERP: (Effective Radiated Power)	12.5 kW

Manufacturer	
Model	TW-9A13-R
Year	2000

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?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Top
	Polarization	Circular
	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)	37.0 kW
	Manufacturer	
	Model	THV-9A10 /VP-R O4

Year	2020
Justification for New Antenna	The existing primary antenna is a single channel traveling wave which cannot accommodate the assigned channel.

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	4 1/16 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
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**Primary
Antenna**

Other Antenna Cost Not Listed

Name	Description
Elbow Kit	Elbow kit 6-1/8" 50 Ohm to connect antenna input to existing line inside and at top of existing lower stack antenna
Extension pole	9.7-ft Extension Pole required in order to maintain authorized FAA height

**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	8
	Lower Limit	192.00 MHz
	Upper Limit	216.00 MHz
	Design power capacity in use	100.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	12.5 kW
	Manufacturer	
	Model	TLS-V8BB- R
	Year	2019

	Justification for New Antenna	An interim antenna is necessary to keep station on the air during primary antenna replacement and for the duration of the assigned phase.
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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?	B
	Feed Line Size	3 1/8 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	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1140 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	4 1/16 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1210 feet per run
	Justification for New Transmission Line	Existing line lengths are 20' which will cause VSWR add up in band on CH10. The line must be replaced.

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	3 1/8 inches
	Segment Length	19 ½ '
	Other Segment Length	
	Number of parallel runs	1
	Length	1000 feet per run
	Justification for New Transmission Line	An interim transmission line is necessary for the interim antenna to keep station on the air during primary antenna replacement and for the duration of the assigned phase.

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?	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	No
	Is tower documented for structural analysis?	No
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	No
	ASR Number	
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	38° 30' 21.1" N-
	Longitude (NAD83)	082° 12' 32.3" W-
	Overall Structure Height	1159.11 feet
	Support Structure Height	1154.84 feet
	Ground Elevation Above Mean Sea Level (AMSL)	971.77 feet

	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	Nexstar Broadcasting, Inc.
	Date Constructed	07/07/2015

**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
60450	WAMX	FM
65130	WQCW	DTV

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:	Major 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
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**Primary
Tower**

Other Tower Expenses Not Listed
Information not provided.

**Outside
Professional**

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	304
	Explanation	Schedule and coordinate multiple vendors, complete progress reports, and update Schedule 399. Station does not have available personnel or personnel trained in project management for such complex projects. Internal accounting and Project management.
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	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	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	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	Negotiation of Lease and other Matter for Shared Locations	No
	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	No

RF exposure measurements	No
Additional Field Engineering Service	Yes
Number of Days	17
Justification	It will be necessary to survey the site, plan the equipment, develop specifications for purchasing, and oversee multiple vendor RF projects. Station does not have available personnel or personnel trained in such services.

Outside Professional Services Costs **Other Professional Services Expenses Not Listed**

Services 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	No
	Non-zoning permits	Yes
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	No
	FCC Special Temporary Authority Application	No
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.
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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 VAXTE-3R37	\$319,732.85	\$256,705.35		\$67,709.29	
Standby Exciter and Switch	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$5,200.00	\$4,900.00	N/A	N/A	N/A
Additional Transmitter Costs	<i>\$17,282.85</i>	\$17,282.85	See GatesAir Change Order Q-85801	\$17,282.85	N/A
High VHF - Air Cooled Solid State Transmitter 1.1 . 4.4 kW	\$152,500.00	\$92,922.50	See GatesAir quote Q-84090	\$50,426.44	N/A
Additional Interior RF System	<i>\$56,000.00</i>	\$56,000.00	N/A	N/A	N/A
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$24,300.00	N/A	N/A	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	N/A	N/A
Sub-total	\$319,732.85	\$256,705.35	N/A	\$67,709.29	N/A

Total for all systems	\$1,925,270.85	\$1,729,021.15	N/A	\$797,862.19	N/A
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Components

Actual Information	
Description	File Name
Standby Exciter and Switch	Information not provided.
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
Additional Transmitter Costs	Component Description: Additional transmitter costs Amount: \$17,282.85
High VHF - Air Cooled Solid State Transmitter 1.1 . 4.4 kW	Component Description: Transmitter, installment #1 Amount: \$30,974.17 Component Description: Transmitter, installment #2; see also Additional Transmitter Costs Amount: \$19,452.27
Additional Interior RF System	Information not provided.
Transformer 3 phase/480v - 150 KVA	Information not provided.
Switchgear - industrial 800 amp	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 TLS-V8BB-R	\$126,830.00	\$113,993.00		\$92,663.00	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,260.00	N/A	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$10,313.00	See attached Dielectric quote (700455CMZ-2)	\$10,313.00	N/A
Elbow complex, broadband, at antenna input, per 3 1/8. feedline (if needed)	\$9,340.00	\$9,340.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,730.00	N/A	N/A	N/A

High VHF - High Power Side Mount One Station horizontally polarized	\$82,350.00	\$82,350.00	See attached Dielectric quote (700455CMZ- 2)	\$82,350.00	N/A
Primary Antenna THV-9A10 /VP-R 04	\$311,086.00	\$309,894.00		\$303,164.00	
High VHF - High Power Top Mount One Station elliptically or circularly polarized	\$247,950.00	\$247,950.00	See attached Dielectric quote (DMS163-5) less vpol (\$39,724)	\$247,950.00	N/A
Elbow Kit	\$7,530.00	\$7,530.00	See attached Dielectric quote (DMS163-5)	\$7,530.00	N/A
Extension pole	\$39,306.00	\$39,306.00	See attached Dielectric quote (DMS163-5)	\$39,306.00	N/A
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	\$9,570.00	\$8,378.00	See attached Dielectric quote (DMS163-5)	\$8,378.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,730.00	N/A	N/A	N/A
Sub-total	\$437,916.00	\$423,887.00	N/A	\$395,827.00	N/A

Total for all systems	\$1,925,270.85	\$1,729,021.15	N/A	\$797,862.19	N/A
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Components

Actual Information Description	File Name
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.
Side mount brackets for high power antennas (if not included in antenna base cost)	Component Description: Amount: Mounting brackets, installment #2 \$4,640.85 Component Description: Amount: Mounting brackets, installment #3 \$1,031.30 Component Description: Amount: Mounting brackets, installment #1 \$4,640.85
Elbow complex, broadband, at antenna input, per 3 1/8. feedline (if needed)	Information not provided.
Sweep test of existing antenna	Information not provided.

High VHF - High Power Side Mount One Station horizontally polarized	<table> <tr> <td data-bbox="722 174 1029 210">Component Description:</td><td data-bbox="1163 174 1374 246">Auxiliary antenna, installment #2</td></tr> <tr> <td data-bbox="722 257 831 293">Amount:</td><td data-bbox="1163 257 1297 293">\$37,057.50</td></tr> <tr> <td data-bbox="722 398 1029 434">Component Description:</td><td data-bbox="1163 398 1374 470">Auxiliary antenna, installment #3</td></tr> <tr> <td data-bbox="722 481 831 517">Amount:</td><td data-bbox="1163 481 1281 517">\$8,235.00</td></tr> <tr> <td data-bbox="722 622 1029 658">Component Description:</td><td data-bbox="1163 622 1374 694">Auxiliary antenna, installment #1</td></tr> <tr> <td data-bbox="722 705 831 741">Amount:</td><td data-bbox="1163 705 1297 741">\$37,057.50</td></tr> </table>	Component Description:	Auxiliary antenna, installment #2	Amount:	\$37,057.50	Component Description:	Auxiliary antenna, installment #3	Amount:	\$8,235.00	Component Description:	Auxiliary antenna, installment #1	Amount:	\$37,057.50
Component Description:	Auxiliary antenna, installment #2												
Amount:	\$37,057.50												
Component Description:	Auxiliary antenna, installment #3												
Amount:	\$8,235.00												
Component Description:	Auxiliary antenna, installment #1												
Amount:	\$37,057.50												
High VHF - High Power Top Mount One Station elliptically or circularly polarized	<table> <tr> <td data-bbox="722 869 1029 904">Component Description:</td><td data-bbox="1163 869 1329 940">Main antenna, installment #3</td></tr> <tr> <td data-bbox="722 952 831 987">Amount:</td><td data-bbox="1163 952 1297 987">\$24,795.00</td></tr> <tr> <td data-bbox="722 1093 1029 1128">Component Description:</td><td data-bbox="1163 1093 1329 1164">Main antenna, installment #1</td></tr> <tr> <td data-bbox="722 1176 831 1211">Amount:</td><td data-bbox="1163 1176 1313 1211">\$111,577.50</td></tr> <tr> <td data-bbox="722 1317 1029 1352">Component Description:</td><td data-bbox="1163 1317 1329 1388">Main antenna, installment #2</td></tr> <tr> <td data-bbox="722 1400 831 1435">Amount:</td><td data-bbox="1163 1400 1313 1435">\$111,577.50</td></tr> </table>	Component Description:	Main antenna, installment #3	Amount:	\$24,795.00	Component Description:	Main antenna, installment #1	Amount:	\$111,577.50	Component Description:	Main antenna, installment #2	Amount:	\$111,577.50
Component Description:	Main antenna, installment #3												
Amount:	\$24,795.00												
Component Description:	Main antenna, installment #1												
Amount:	\$111,577.50												
Component Description:	Main antenna, installment #2												
Amount:	\$111,577.50												

Elbow Kit	Component Description:		Elbow kit,
	Amount:		installment #3
			\$753.00
	Component Description:		Elbow kit,
	Amount:		installment #1
			\$3,388.50
Extension pole	Component Description:		Elbow kit,
	Amount:		installment #2
			\$3,388.50
	Component Description:		Extension pole,
	Amount:		installment #3
			\$3,930.60
	Component Description:		Extension pole,
	Amount:		installment #1
			\$17,687.70
	Component Description:		Extension pole,
	Amount:		installment #2
			\$17,687.70

Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	<table> <tr> <td data-bbox="722 174 1029 210">Component Description:</td><td data-bbox="1163 174 1348 244">Elbow complex, installment #3</td></tr> <tr> <td data-bbox="722 255 831 291">Amount:</td><td data-bbox="1163 255 1260 291">\$837.80</td></tr> <tr> <td data-bbox="722 396 1029 432">Component Description:</td><td data-bbox="1163 396 1348 465">Elbow complex, installment #1</td></tr> <tr> <td data-bbox="722 477 831 512">Amount:</td><td data-bbox="1163 477 1283 512">\$3,770.10</td></tr> <tr> <td data-bbox="722 616 1029 651">Component Description:</td><td data-bbox="1163 616 1348 685">Elbow complex, installment #2</td></tr> <tr> <td data-bbox="722 696 831 732">Amount:</td><td data-bbox="1163 696 1283 732">\$3,770.10</td></tr> </table>	Component Description:	Elbow complex, installment #3	Amount:	\$837.80	Component Description:	Elbow complex, installment #1	Amount:	\$3,770.10	Component Description:	Elbow complex, installment #2	Amount:	\$3,770.10
Component Description:	Elbow complex, installment #3												
Amount:	\$837.80												
Component Description:	Elbow complex, installment #1												
Amount:	\$3,770.10												
Component Description:	Elbow complex, installment #2												
Amount:	\$3,770.10												
Sweep test of existing antenna	Information not provided.												

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	\$104,000.00	\$87,400.60		\$84,498.40	
Rigid Transmission Line - copper, 3 1/8"	\$104,000.00	\$87,400.60	See attached Dielectric quote (700455CMZ-2)	\$84,498.40	N/A
Primary Transmission Line	\$171,820.00	\$112,578.20		\$108,304.00	
Rigid Transmission Line - copper, 4 1/16"	\$171,820.00	\$112,578.20	See attached Dielectric quote (DMS163-5)	\$108,304.00	N/A
Sub-total	\$275,820.00	\$199,978.80	N/A	\$192,802.40	N/A
Total for all systems	\$1,925,270.85	\$1,729,021.15	N/A	\$797,862.19	N/A

Components

Actual Information Description	File Name
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Rigid Transmission Line - copper, 3 1/8"	Component Description:	Transmission line, installment #2, lines 3 and 6 of invoice
	Amount:	\$39,330.27
	Component Description:	Transmission line, installment #3
	Amount:	\$5,837.86
	Component Description:	Transmission line, installment #1, lines 3 and 6 of invoice
	Amount:	\$39,330.27
Rigid Transmission Line - copper, 4 1/16"	Component Description:	Transmission line, installment #3
	Amount:	\$7,749.70
	Component Description:	Transmission line, installment #1, lines 5 and 9 of invoice
	Amount:	\$50,277.15
	Component Description:	Transmission line, installment #2, lines 5 and 9 of invoice
	Amount:	\$50,277.15

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	\$657,800.00	\$619,600.00		\$85,200.00	
Major tower reinforcement /modifications	\$421,000.00	\$400,000.00	N/A	N/A	N/A
Tall Tower (greater than 500')	\$210,500.00	\$200,000.00	N/A	\$65,600.00	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$19,600.00	See FDH Infrastructure Quote P18_3695_001A \$15100 and P19_3695_001 \$4500	\$19,600.00	N/A
Sub-total	\$657,800.00	\$619,600.00	N/A	\$85,200.00	N/A
Total for all systems	\$1,925,270.85	\$1,729,021.15	N/A	\$797,862.19	N/A

Components

Actual Information	
Description	File Name
Major tower reinforcement /modifications	Information not provided.

Tall Tower (greater than 500')	Component Description: Interim antenna installation, installment #1 Amount: \$65,600.00
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	Component Description: Tower inspection Amount: \$9,600.00 Component Description: Structural analysis, installment #2 Amount: \$2,250.00 Component Description: Structural analysis, installment #1 Amount: \$2,250.00 Component Description: Structural analysis Amount: \$5,500.00

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	\$116,952.00	\$112,350.00		\$31,323.50	
Additional Field Engineering Service, 17 Days	<i>\$34,000.00</i>	\$34,000.00	N/A	N/A	N/A
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$2,000.00	N/A	N/A	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	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 - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$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 engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$3,000.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$7,000.00	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

Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$2,500.00	N/A
Project management of the transition	\$48,032.00	\$45,600.00	N/A	\$18,823.50	N/A
Sub-total	\$116,952.00	\$112,350.00	N/A	\$31,323.50	N/A
Total for all systems	\$1,925,270.85	\$1,729,021.15	N/A	\$797,862.19	N/A

Components

Actual Information	
Description	File Name
Additional Field Engineering Service, 17 Days	Information not provided.
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.
ASR modification (prepare FCC Form 854)	Information not provided.
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover 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.

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description: Amount:	Prepare engineering section of Construction Permit Application \$3,000.00
	Component Description: Amount:	Vendor has issued a revised invoice. (\$3,000.00)
	Component Description: Amount:	Prepare engineering section of FCC Form 2100, item 4 from invoice summary. \$3,000.00

Perform engineering study for new channel assignment and antenna development	<table> <tr> <td data-bbox="702 100 1114 533"> Component Description: Amount: </td><td data-bbox="1114 100 1426 533"> Perform engineering study for new channel assignment, item 3 from invoice summary \$7,000.00 </td></tr> <tr> <td data-bbox="702 533 1114 965"> Component Description: Amount: </td><td data-bbox="1114 533 1426 965"> Perform engineering study for new channel assignment and antenna development \$7,000.00 </td></tr> <tr> <td data-bbox="702 965 1114 1104"> Component Description: Amount: </td><td data-bbox="1114 965 1426 1104"> Vendor has issued a revised invoice. (\$7,000.00) </td></tr> </table>	Component Description: Amount:	Perform engineering study for new channel assignment, item 3 from invoice summary \$7,000.00	Component Description: Amount:	Perform engineering study for new channel assignment and antenna development \$7,000.00	Component Description: Amount:	Vendor has issued a revised invoice. (\$7,000.00)
Component Description: Amount:	Perform engineering study for new channel assignment, item 3 from invoice summary \$7,000.00						
Component Description: Amount:	Perform engineering study for new channel assignment and antenna development \$7,000.00						
Component Description: Amount:	Vendor has issued a revised invoice. (\$7,000.00)						
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.						

Prepare and or review reimbursement form	Component Description: Prepare reimbursement form, item 2 from invoice summary. Amount: \$2,500.00
	Component Description: Per KGA invoice 918-46 and related Service Order Agreement for these services. Amount: \$2,500.00
	Component Description: Vendor has issued a revised invoice. Amount: (\$2,500.00)
Project management of the transition	Component Description: Project management services Amount: \$150.00
	Component Description: Project Management for Structural Analysis and Tower Modifications. Services from January 1, 2018 through January 26, 2018. Amount: \$750.00

Component Description:	Project Management for Structural Analysis and Tower Modifications. Services from June 30, 2018 through July 27, 2018.
Amount:	\$375.00

Component Description:	Project management services 12.1.18 through 1.31.19
Amount:	\$450.00

Component Description:	Project management services April 2019
Amount:	\$45.50

Component Description:	Project management services 4.27.19 through 5.31.19
Amount:	\$300.00

Component Description:	Project management services February 2019
Amount:	\$123.50

Component Description:	Project management services 3.30.19 through 4.26.19
Amount:	\$150.00

Component Description:	Project management services March 2019
Amount:	\$214.50

Component Description:	Project management services
Amount:	\$1,967.00

Component Description:	Project management services
Amount:	\$4,467.00

Component Description:	Project management services 3.2.19 through 3.29.19
Amount:	\$150.00

Component Description:	Project management services
Amount:	\$1,364.00

Component Description:	Project management services
Amount:	\$3,660.00

Component Description:	Project management services
Amount:	\$150.00

Component Description:	Project management services
Amount:	\$237.00

Component Description:	Project management services 6.1.19 through 6.28.19
Amount:	\$75.00

Component Description:	Project Management for Structural Analysis and Tower Modifications including consultants Kessler and Gehman Associates. Services from October 27, 2017 through December 31, 2017.
Amount:	\$300.00

Component Description:	Vendor has issued a revised invoice.
Amount:	(\$300.00)

Component Description:	Project management services 10.27.18 through 11.30.18
Amount:	\$700.00

Component Description:	Prepare FCC Schedule 387, item 5 from invoice summary.
Amount:	\$300.00

Component Description:	Project management services 7.28.18 through 9.28.18
Amount:	\$1,575.00

Component Description:	Project Management for Structural Analysis and Tower Modifications. Services from July 1, 2017 through July 28, 2017.
Amount:	\$1,000.00

Component Description:	Project management services, item 1 from invoice summary
Amount:	\$525.00

Component Description:	Project management services 5/26/18 through 6/29/18 including Form 387 transition plan progress report
Amount:	\$270.00

Component Description:	Project management services 2.1.19 through 3.1.19
Amount:	\$225.00

Component Description:	Vendor has issued a revised invoice.
Amount:	(\$1,000.00)

Component Description:

Project
management
services 09.29.18
through 10.26.18

Amount:

\$600.00

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	\$117,050.00	\$116,500.00		\$25,000.00	
Equipment Storage	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$25,000.00</i>	\$25,000.00	N/A	\$25,000.00	N/A
Non-zoning permits	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$3,500.00</i>	\$3,500.00	N/A	N/A	N/A
MVPD Notification of Channel Change	<i>\$2,000.00</i>	\$2,000.00	N/A	N/A	N/A
Sub-total	\$117,050.00	\$116,500.00	N/A	\$25,000.00	N/A
Total for all systems	\$1,925,270.85	\$1,729,021.15	N/A	\$797,862.19	N/A

Components

Actual Information	
Description	File Name
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)	Component Description: Transmitter site work for removal of filters, combiners, RF System, waveguide, dummy loads with quote. Amount: \$25,000.00
Non-zoning permits	Information not provided.
DTV Medical Facility Notification	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	\$1,925,270.85	\$1,729,021.15
			\$797,862.19

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	WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.	
		1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.	

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

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

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

**Elizabeth
Ryder**
*General
Counsel*

06/04/2020

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).	
		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.	Elizabeth Ryder <i>General Counsel</i> 06/04/2020

Attachments