

Federal Communications Commission

(REFERENCE COPY - Not for submission)	
FCC Form 399:	
Reimbursement Request	

Facility	74169	Service: DT	V Call	WVNS-TV	Channel:
ID:			Sign:		
11 (High	VHF)	File	0000028280		
		Number:			
FRN: 0009	9961889	Date	07/20		
		Submitted:	/2020		

Applicant Name, Type, and Contact Information

Applicant 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 Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Name and Information Preparer Contact Applicant Address Phone Email Information **Elizabeth Ryder** Elizabeth Ryder +1 (972) 373eryder@nexstar. General Counsel 545 E. John Carpenter 8800 tv Nexstar Broadcasting, Freeway Inc. Suite 700 Irving, TX 75062 **United States**

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	Purchase new transmitter, antenna and transmission line. See attachment.

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		
	Manufacturer and Type	Model	Innovator DT	
		Year	2005	
		Туре	Solid State	
		Solid State Cooling	Air Cooled	
		Solid State Power Capacity	2.1 kW	

Existing Transmitter Information

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-8R37
		Transmitter Type	Solid State
		Solid State Cooling	Air Cooled
		Solid State Power capacity	6.4 kW
		Justification for New Transmitter	The manufacturer of the existing transmitter is out of business and no factory support is available for the existing transmitter. See attachment. The TPO required to compensate for greater than 1% pop loss in the CP is 5.4kW.

Primary Transmitter	Other Transmitter Costs	
	Section	

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	2 inches
	Length	100.0 feet
	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Туре	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary	Other Transmitter Cost Not Listed	
Transmitter	Name	Description
	Transmitter Test Load	Replacement Test Load for New RePack Transmitter. Please see Bird Electronics Co. Quote # 00147191 Attached.
	Additional Interior RF System	Interior RF System Existing Transmitter to Interim Transmission line

Additional Transmitter Costs	Transmitter change orders
Standby Exciter and Switch	Standby Exciter with Automatic Change Over Switch
Transmitter Electrical and Installation	Transmitter Electrical and Installation

Antennas Section		Question	Response
Antenna Rela	ated Expenses	Do you have antenna related expenses?	Yes

Primary	Existing Antenna Information			
Antenna	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?	Yes	
	Existing Antenna	Class	Full Power	
	Manufacturer and Type	Mounting	Top Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Horizontal	
		Туре	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	Batwing	
		ERP: (Effective Radiated Power)	3.68 kW	
		Manufacturer		

Model	TK-2HT
 Year	2005

Antenna	Section	Question	Response
	New Antenna Description	Use	Primary (Main)
		Description of Use	N/A
		Change Type	Purchase New
		Is this a request for upgraded equipment?	No
		Ownership	Owned
		Owner	N/A
		Is antenna shared?	No
		Is antenna directional?	No
		Will antenna be located on or in close proximity to an antenna farm?	No
	New Antenna Manufacturer and Types	Class	Full Power
		Mounting	Top Mount
		Antenna position in stack	Not in Stack
		Polarization	Horizontal
		Туре	Other
		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	2-bay Batwing
		ERP: (Effective Radiated Power)	3.7 kW
		Manufacturer	
		Model	TBD

Year	2019
Justification for New Antenna	Manufactured recommends replacement due to poor sweep results on assigned channel.

Primary Other Antenna Costs

Antenna	Section	Question	Response
	Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	
		Туре	
		Number of channels supported	N/A
		Frequencies of channels supported	N/A
		Frequency	N/A
		Do you need a combiner output splitter /switcher for dual feed lines?	N/A
	Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
		Broadband or Single Channel?	Single Channel
		Feed Line Size	3 1/8 inches inches
	Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	
	Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
	Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

PrimaryOther Antenna Cost Not ListedAntennaInformation not provided.

New Antenna Description Use Interim Description of Use N/A Change Type Purchase 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? Full Powe Manufacturer and Type Class Full Powe Mounting Side Mou Antenna position in stack Not in Stack	Interim	New Antenna Costs		
Description of Use N/A Change Type Purchase 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 Class Full Powe Manufacturer and Type Class Polarization Not in Stat Polarization Not in Stat Number of Stations Supported N/A Number of Panels/Bays N/A Upper Limit N/A Ober Limit N/A Design power capacity in use N/A Cher, Effective Radiated Power) 7.5 kW	Antenna	Section	Question	Response
Change Type Purchase Ownership Owner 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 Rew Antenna Manufacturer and Type Class Full Power Mounting Side Mou Antenna position in stack Not in Stack Polarization Horizonta Type Slotted Number of Stations Supported N/A Number of Panels/Bays N/A Upper Limit N/A Obesign power capacity in use N/A ERP: (Effective Radiated Power) 7.5 KW		New Antenna Description	Use	Interim
New 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 Type Class Full Power Mounting Side Mour Not in State Polarization Not in State Not in State Type Slotted Coaxial Number of Stations Supported N/A N/A Lower Limit N/A N/A Design power capacity in use N/A N/A Other Antenna Type N/A N/A ERP: (Effective Radiated Power) 7.5 kW N/A			Description of Use	N/A
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 Type Class Full Power Mounting Side Mour Antenna position in stack Not in State Polarization Horizonta Type Slotted Number of Stations Supported N/A Upper Limit N/A Design power capacity in use N/A Other Antenna Type N/A ERP: (Effective Radiated Power) 7.5 KW			Change Type	Purchase New
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 Type Class Full Power Mounting Side Mour Antenna position in stack Not in Stack Polarization Horizontal Type Slotted Coaxial Number of Stations Supported N/A Lower Limit N/A Upper Limit N/A Design power capacity in use N/A ERP: (Effective Radiated Power) 7.5 KW			Ownership	Owned
Is antenna directional? No Will antenna be located on or in close proximity to an antenna farm? No New Antenna Manufacturer and Type Class Full Power Mounting Side Mour Antenna position in stack Not in Stat Polarization Horizontar Type Slotted Coaxial Number of Stations Supported N/A Lower Limit N/A Upper Limit N/A Design power capacity in use N/A ERP: (Effective Radiated Power) 7.5 KW			Owner	N/A
Will antenna be located on or in close proximity to an antenna farm? No New Antenna Manufacturer and Type Class Full Power Mounting Side Mour Antenna position in stack Not in State Polarization Horizonta Type Slotted Coaxial Number of Stations Supported N/A Lower Limit N/A Upper Limit N/A Other Antenna Type N/A ERP: (Effective Radiated Power) 7.5 KW			Is antenna shared?	No
New Antenna Manufacturer and Type Class Full Power Mounting Side Mour Antenna position in stack Not in Stat Polarization Horizontal Type Slotted Coaxial Number of Stations Supported N/A Lower Limit N/A Upper Limit N/A Design power capacity in use N/A ERP: (Effective Radiated Power) 7.5 KW			Is antenna directional?	No
Manufacturer and Type Mounting Side Mounding Antenna position in stack Not in Stack Polarization Horizontal Type Slotted Coaxial Number of Stations Supported N/A Lower Limit N/A Obesign power capacity in use N/A Other Antenna Type N/A ERP: (Effective Radiated Power) 7.5 kW				No
MountingSide MouAntenna position in stackNot in StatPolarizationHorizontaTypeSlotted CoaxialNumber of Stations SupportedN/ANumber of Panels/BaysN/ALower LimitN/AUpper LimitN/ADesign power capacity in useN/AERP: (Effective Radiated Power)7.5 kW			Class	Full Power
PolarizationHorizontaTypeSlotted CoaxialNumber of Stations SupportedN/ANumber of Panels/BaysN/ALower LimitN/AUpper LimitN/ADesign power capacity in useN/AERP: (Effective Radiated Power)7.5 kW		Manufacturer and Type	Mounting	Side Mount
TypeSlotted CoaxialNumber of Stations SupportedN/ANumber of Panels/BaysN/ALower LimitN/AUpper LimitN/ADesign power capacity in useN/AOther Antenna TypeN/AERP: (Effective Radiated Power)7.5 kW			Antenna position in stack	Not in Stack
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 Cther Antenna Type N/A ERP: (Effective Radiated Power) 7.5 kW			Polarization	Horizontal
Number of Panels/BaysN/ALower LimitN/AUpper LimitN/ADesign power capacity in useN/AOther Antenna TypeN/AERP: (Effective Radiated Power)7.5 kW			Туре	
Lower LimitN/AUpper LimitN/ADesign power capacity in useN/AOther Antenna TypeN/AERP: (Effective Radiated Power)7.5 kW			Number of Stations Supported	N/A
Upper LimitN/ADesign power capacity in useN/AOther Antenna TypeN/AERP: (Effective Radiated Power)7.5 kW			Number of Panels/Bays	N/A
Design power capacity in useN/AOther Antenna TypeN/AERP: (Effective Radiated Power)7.5 kW			Lower Limit	N/A
Other Antenna Type N/A ERP: (Effective Radiated Power) 7.5 kW			Upper Limit	N/A
ERP: (Effective Radiated Power) 7.5 kW			Design power capacity in use	N/A
			Other Antenna Type	N/A
Manufacturer			ERP: (Effective Radiated Power)	7.5 kW
			Manufacturer	
Model TLS-V4BI			Model	TLS-V4BB- R
Year 2019			Year	2019

Justification for New Antenna	А
	temporary
	antenna is
	necessary
	to keep
	station on
	the air
	during
	primary
	antenna
	changeove

Other Antenna Costs Interim

Antenna

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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

Other Antenna Cost Not Listed Interim

Antenna Information not provided.

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

Existing Transmission Line Primary Existing Transmission

smissio	Section	Question	Response
	Existing Transmission Line Description	Type of change	Utilize Existing
		Use	Primary (Main)
		Description of Use	N/A
		Ownership	Owned
		Owner	N/A
		Site	N/A
		Is the existing transmission line shared with another station or stations?	No
		Is Transmission Line in operating condition?	Yes
	Existing Transmission	Manufacturer	Dielectric
	Line Manufacturer and Type	Туре	Rigid
		Diameter	3 1/8 inches
		Other Diameter	N/A
	Segment Length	20 inches	
		Other Segment Length	N/A
		Number of parallel runs	2
	Length	300 feet per run	

Primary Other Transmission Line Expenses Not Listed

Transmissior	Name	Description
	Sweep Tests	Sweep lines to ensure performance on assigned channel

New Transmission Line

Interim Transmission Line

	Section	Question	Response
	New Transmission Line Costs	Use	Interim
		Description of Use	N/A
		Change Type	Purchase New
		Туре	Flexible Air
		Diameter	1 5/8 inches
		Segment Length	N/A
		Other Segment Length	
		Number of parallel runs	1
		Length	250 feet per run
		Justification for New Transmission Line	Temporary line to stay on the air while replacing the primary antenna. Will rent if possible.

Other Transmission Line Expenses Not Listed Transmission

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

Primary	Existing	Tower

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?	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?	No
		Is tower compliant with Rev G?	No
	Existing Tower Structure Registration	Do you have a tower registration number?	Yes
		ASR Number	1034390
	Coordinates (<u>NAD83</u> (North American Datum of 1983))	Latitude (NAD83)	37° 46' 22.5" N-
		Longitude (NAD83)	080° 42' 25.7" W-
		Overall Structure Height	268.04 feet
		Support Structure Height	262.46 feet
		Ground Elevation Above Mean Sea Level (AMSL)	3874.95 feet

Structure Type	LTOWER - Lattice Tower
Tower Owner	Nexstar Broadcasting, Inc.
Date Constructed	01/19/2016

Tower Modification Costs Primary Tower Section Question Response Please what type of engineering study is Study needed **Engineering Study** required, if any: for undocumented /poorly documented tower Please select whether tower reinforcements No **Tower Reinforcements** are needed: reinforcements

Tower Rigging Costs Primary

Tower

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

needed

Primary Tower	Other Tower Expenses Not Listed		
	Name	Description	
	Tower Equipment Removal, Plumb and Tension	Tower Modifications for Aux Antenna Installation. Please see Precision Communications Proposal # 20391-5 attached.	

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 or 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	No
	Quantity	N/A
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting	Prepare and file Form FCC Construction Permit Application	Yes
Services	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	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	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	9
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.

Other Professional Services Expenses Not Listed Professional Services rCostsided.

Other	Section	Question	Response
Expenses	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 Not Listed

Expenses Information not provided.

Transmitters

Cost Information

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-8R37	\$319,776.92	\$316,526.92		\$199,376.92	
Transmitter Electrical and Installation	\$36,817.25	\$36,817.25	See GatesAir quote Q- 86730	\$36,817.25	N/A
Standby Exciter and Switch	\$25,000.00	\$25,000.00	N/A	N/A	N/A
Additional Transmitter Costs	\$14,180.51	\$14,180.51	See GatesAir quotes Q- 86253 and Q- 86458	\$14,180.51	N/A
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$24,300.00	N/A	N/A	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$2,600.00	\$2,500.00	N/A	N/A	N/A
Transmitter Test Load	\$10,050.00	\$10,050.00	Replacement Test Load for New RePack Transmitter. Please see Bird Electronics Co. Quote # 00147191 Attached.	N/A	N/A

Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	N/A	N/A
High VHF - Air Cooled Solid State Transmitter 6.4 kW	\$148,379.16	\$148,379.16	See GatesAir quote Q- 84845.	\$148,379.16	N/A
Additional Interior RF System	\$19,000.00	\$19,000.00	N/A	N/A	N/A
Sub-total	\$319,776.92	\$316,526.92	N/A	\$199,376.92	N/A
Total for all systems	\$1,093,961.92	\$1,057,254.24	N/A	\$329,434.10	N/A

Actual Information Description	File Name	
Transmitter Electrical and Installation	Component Description: Amount:	Transmitter electrical and installation \$36,817.25
Standby Exciter and Switch	Information not provided.	
Additional Transmitter Costs	Component Description: Amount:	Change order Q- 86253 \$6,823.89
	Component Description: Amount:	Change order Q- 86458 \$7,356.62
Transformer 3 phase/480v - 150 KVA	Information not provided.	
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	

Transmitter Test Load	Information not provided.	
Switchgear - industrial 800 amp	Information not provided.	
High VHF - Air Cooled Solid State Transmitter 6.4 kW	Component Description: Amount:	Transmitter, installment #2 \$49,459.72
	Component Description: Amount:	Transmitter, installment #1 \$49,459.72
	Component Description: Amount:	Transmitter, installment #3 \$49,459.72
Additional Interior RF System	Information not provided.	

Antennas

Cost Information

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-V4BB- R	\$76,343.00	\$60,408.00		\$54,008.00	
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$7,545.00	See Dielectric quote 700451CMZ- 1	\$7,545.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
High VHF - High Power Side Mount One Station horizontally polarized	\$46,463.00	\$46,463.00	See Dielectric quote 700451CMZ- 1	\$46,463.00	N/A
Primary Antenna TBD	\$264,330.00	\$263,800.00		\$3,600.00	
High VHF - High Power Top Mount One Station horizontally polarized	\$250,000.00	\$250,000.00	N/A	N/A	N/A

Elbow complex, single channel, at antenna input, per 3 1/8. feedline (if needed)	\$7,600.00	\$7,400.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$3,600.00	N/A
Sub-total	\$340,673.00	\$324,208.00	N/A	\$57,608.00	N/A
Total for all systems	\$1,093,961.92	\$1,057,254.24	N/A	\$329,434.10	N/A

Actual Information Description	File Name	
Side mount brackets for high power antennas (if not included in antenna base cost)	Component Description: Amount:	Side mount brackets \$7,545.00
Sweep test of existing antenna	Information not provided.	
High VHF - High Power Side Mount One Station horizontally polarized	Component Description: Amount:	Interim antenna \$46,463.00
High VHF - High Power Top Mount One Station horizontally polarized	Information not provided.	
Elbow complex, single channel, at antenna input, per 3 1/8. feedline (if needed)	Information not provided.	

Sweep test of existing antenna	Component Description: Amount:	Repack Sweep \$3,600.00

Transmission Line

Cost Information

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	\$8,250.00	\$8,369.32		\$8,369.32	
Flexible Air Transmission Line - dielectric, 1 5 /8"	\$8,250.00	\$8,369.32	See Dielectric quote 700451CMZ- 1	\$8,369.32	N/A
Primary Transmission Line	\$6,400.00	\$6,400.00		\$0.00	
Sweep Tests	\$6,400.00	\$6,400.00	N/A	N/A	N/A
Sub-total	\$14,650.00	\$14,769.32	N/A	\$8,369.32	N/A
Total for all systems	\$1,093,961.92	\$1,057,254.24	N/A	\$329,434.10	N/A

Actual Information Description	File Name	
Flexible Air Transmission Line - dielectric, 1 5/8"	Component Description: Amount:	Transmission line \$8,369.32
Sweep Tests	Information not provided.	

Tower Equipment and Rigging Costs

Cost Information

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 Cos Justificatio
Primary Tower LTOWER	\$227,800.00	\$214,900.00		\$17,600.00	
Tower Equipment Removal, Plumb and Tension	\$117,300.00	\$117,300.00	Tower Modifications for Aux Antenna Installation. Please see Precision Communications Proposal # 20391-5 attached.	N/A	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$17,600.00	See Reese Tower Services quote 10/4/19 \$10350; see Morrison Hershfield quote 2/19/20 \$7250	\$17,600.00	N/A
Short Tower (less than 500')	\$84,200.00	\$80,000.00	N/A	N/A	N/A
Sub-total	\$227,800.00	\$214,900.00	N/A	\$17,600.00	N/A
Total for all systems	\$1,093,961.92	\$1,057,254.24	N/A	\$329,434.10	N/A

Actual Information Description	File Name
Tower Equipment Removal, Plumb and Tension	Information not provided.

Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	Component Description: Amount:	Tower mapping \$10,350.00
Sludy	Component Description:	Structural analysis
	Amount:	\$7,250.00
Short Tower (less than 500')	Information not provided.	

Outside Professional Services

Cost Information

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	\$91,012.00	\$87,350.00		\$41,175.40	
Additional Field Engineering Service, 9 Days	\$18,000.00	\$18,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	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
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Project management of the transition	\$48,032.00	\$45,600.00	N/A	\$41,175.40	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
Sub-total	\$91,012.00	\$87,350.00	N/A	\$41,175.40	N/A
Total for all systems	\$1,093,961.92	\$1,057,254.24	N/A	\$329,434.10	N/A

Actual Information Description	File Name
Additional Field Engineering Service, 9 Days	Information not provided.
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.

Attorney Fees - Prepare	Information not provided.	
Attorney Fees - Frepare and File FCC Form 2100 (main), Construction Permit Application		
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	Information not provided.	
Perform engineering study for new channel assignment and antenna development	Information not provided.	
Prepare and or review reimbursement form	Information not provided.	
Project management of the transition	Component Description:	Project management services 5/26/18 through 6/29/18
	Amount:	\$825.00
	Component Description:	Project Management for Structural Analysis and Tower Modifications including consultants Kessler and Gehman Associates.
	Amount:	\$300.00

Component Description:	Project Management for Structural Analysis and Tower Modifications. Services from October 27, 2017 through December 31, 2017. \$300.00
Component Description: Amount:	Project management services \$2,283.00
Component Description: Amount:	Project management services \$237.00
Component Description:	Project management services March
Amount:	2019 \$221.00
Component Description: Amount:	Project management services April 2019 \$45.50
Component Description: Amount:	Project management services \$1,923.00

Component Description: Amount:	Project management services \$1,335.00
Component Description: Amount:	Project management services \$150.00
Component Description: Amount:	Project management services 3.30.19 through 4.26.19 \$225.00
Component Description:	Project Management for Structural Analysis and Tower Modifications. Services from January 1, 2018 through January 26, 2018.
Amount:	\$750.00
Component Description: Amount:	Project management services 10.27.18 through 11.30.18 \$500.00
Component Description:	Prepare FCC Schedule 387, item 2 from invoice summary
Amount:	\$300.00

Component Description: Amount:	Project management services 2.1.19 through 3.1.19 \$975.00
Component Description: Amount:	Project management services 9.29.18 through 10.26.18 \$150.00
Component Description: Amount:	Project management services \$1,106.00
Component Description: Amount:	Project management services various, item 4 from invoice summary \$2,184.00
Component Description: Amount:	Project management services, item 1 from invoice summary \$1,648.12
Component Description: Amount:	Project management services Nov 2019 \$75.00

Component Description:	Project Management for Structural Analysis and Tower Modifications including consultants Kessler and Gehman Associates. Services from May 27, 2017 through
Amount:	June 30, 2017. \$13,500.00
Component Description: Amount:	Project management services \$387.00
Component Description: Amount:	Project management services 3.2.19 through 3.29.19 \$1,200.00
Component Description:	Project Management for Structural Analysis and Tower Modifications including consultants Kessler and Gehman Associates. Services from August 26, 2017 through September 29, 2017.
Amount:	\$9,828.78

	Component Description: Amount:	Prepare FCC Schedule 387, item 3 from invoice summary \$150.00
	Component Description: Amount:	Project management services 7.28.18 through 9.28.18 \$525.00
	Component Description:	Project
	Amount:	management services 4.27.19 through 5.31.19 \$600.00
	Component Description:	Project management
	Amount:	services 6.1.19 through 6.28.19 \$150.00
	Component Description:	Project management services 12.1.18
	Amount:	through 1.31.19 \$150.00
	Component Description:	Project management services
	Amount:	\$633.00
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	

Other Expenses

Cost Information

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	\$100,050.00	\$99,500.00		\$5,304.46	
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$2,048.00	N/A
Non-zoning permits	\$10,000.00	\$10,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	\$25,000.00	\$25,000.00	N/A	\$3,256.46	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$25,000.00	\$25,000.00	N/A	N/A	N/A
Equipment Storage	\$25,000.00	\$25,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	\$1,500.00	\$1,500.00	N/A	N/A	N/A
MVPD Notification of Channel Change	\$2,000.00	\$2,000.00	N/A	N/A	N/A
Sub-total	\$100,050.00	\$99,500.00	N/A	\$5,304.46	N/A
Total for all systems	\$1,093,961.92	\$1,057,254.24	N/A	\$329,434.10	N/A

Components

Description	File Name	
DTV Medical Facility Notification	Component Description: Amount:	Notification of medical facilitie \$2,048.00
Non-zoning permits	Information not provided.	
Equipment Delivery and Handling Charges	Component Description: Amount:	Transmitter freight \$3,256.46
Disposal Costs (for equipment and other waste, net of any salvage value)	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	Grand Total			
Information		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$1,093,961.92	\$1,057,254.24	\$329,434.10

Reimbursem	entestiatus	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.	
		 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).
- 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 07/20/2020

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

	 3. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission. b. 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. 	
an a nam	clare, under penalty of perjury, that I ar uthorized representative of the above- ed applicant for the Authorization(s) ified above.	
		07/20/2020

Attachments