

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

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Facility	16539	Service: DTV	Call	WNTZ-TV	Channel: 15 (UHF)
ID:			Sign:		
File	000002	8274			
Number	:				
FRN: 0(009961889	Date	09/14		
		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 Preparer Contact Name and Information

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

Broadcaster	Question	Response
Information and Transition Plan	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	Replace transmitter and antenna, using existing line. Acquire interim antenna system 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	Existing Transmitter Information				
Transmitter	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	QXD2		
		Year	2007		
		Туре	Inductive Output Tube		
		IOT Power Type	Two		
		Power Capacity	30 kW		

Existing Transmitter Information

Primary	New Transmitter Costs				
Transmitter	Section	Question	Response		
	New Transmitter	Use	Primary (Main)		
		Change Type	Purchase New		
		Is this a request for upgraded equipment?	Yes		
		Manufacturer			
		Model	THU9evo-20		
	Transmitter	Transmitter Type	Solid State		
		Solid State Cooling	Liquid Cooled		
		Solid State Power capacity	31 kW		
		Justification for New Transmitter	The manufacturer of the existing IOT transmitter advises that the transmitter cannot be re- tuned to the assigned channel. See attached quotes for IOT and upgraded SS at one power step above the required TPO. See R&S quote.		

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
	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	
	Additional Interior RF System	Interior RF System Existing Transmitter to Interim Transmission line	

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

Primary	Existing Antenna Information		
Antenna	Section	Question	Response
Descri	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	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	Travelling Wave
		ERP: (Effective Radiated Power)	1000.0 kW

Manufacturer	
Model	ATW-27H4- HTC3L-48H
 Year	2007

Antenna	Section	Question	Response
	New Antenna	Use	Primary (Main
	Description	Description of Use	N/A
		Change Type	Purchase Nev
		Is this a request for upgraded equipment?	Yes
		Ownership	Owned
New Antenna Manufacturer and Typ		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
		Class	Full Power
	Manufacturer and Type	es Mounting	Top Mount
		Antenna position in stack	Not in Stack
		Polarization	Elliptical
		Туре	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)	530.0 kW
		Manufacturer	
	Model	TFU-20GTH /VP-R S190	

Year	2018
Justification for New Antenna	The existing primary antenna is a single channel travelling wave which cannot accommodate the assigned channel.

Other Antenna Costs

Primary Antenna

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	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	6 1/8 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No

Sweep	Test
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Primary Other Antenna Cost Not Listed

Antenna Information not provided.

	n
New Antenna Class Full New Antenna Class Full Manufacturer and Type Class Full Not in Side Antenna position in stack Not in Preside Purce Not in Not in New Antenna Class Full Full Mounting Side Not in For in Type Stote Stote Stote	
Image: Type Purch New Change: Type Purch New Ownership Owner 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 Is assentenna farm? Side Manufacturer and Type Mounting Side Intenna position in stack Not in Polarization Horiz Type Side	lase
New Antenna Class Full F Manufacturer and Type Class Full F Mounting Side Antenna position in stack Not ir Polarization Horiz Type Side	nase
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 Manufacturer and Type Class Full F Antenna position in stack Not in Polarization Horiz Type Slotter	
Is antenna shared? No Is antenna directional? Yes Will antenna be located on or in close proximity to an antenna farm? No Class Full F Mounting Side Antenna position in stack Not in Polarization Horiz Type Slotter	d
New Antenna Manufacturer and TypeClassFull FMountingSideAntenna position in stackNot in SideTypeSlotte	
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Manufacturer and Type Mounting Side Mounting Antenna position in stack Not in Polarization Horization Slotte Type Slotte Slotte	
Mounting Side Antenna position in stack Not in Polarization Horiz Type Slotte	ower
Polarization Horization Type Slotter	Mount
Type Slotte	n Stack
	ontal
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-	
Year 2018	16WB

Justification for New Antenna	An interim
	antenna is
	necessary
	to keep
	station on
	the air
	during
	primary
	antenna
	replacemen
	and for the
	duration of
	the
	assigned
	phase.
	Station will
	attempt to
	rent if
	renting is available at
	time of
	acquisition.

С Interim

Α

Other Antenna Costs

Section	Question	Response
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	S
	Feed Line Size	4 1/16 inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an antenna?	Yes
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Interim Other Antenna Cost Not Listed

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

ssion	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 Line Manufacturer and Type	Manufacturer	Unknown
		Туре	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	1050 feet per run

Primary Other Transmission Line Expenses Not Listed

Transmission	n Line	Description	
	Sweep Tests	Sweep line to confirm acceptable on assigned channel	

New Transmission Line

Interim Transmission

n Line Section	Question	Response
New Transmission Line	Use	Interim
Costs	Description of Use	N/A
	Change Type	Purchase New
	Туре	Flexible Air
	Diameter	5 inches
	Segment Length	N/A
	Other Segment Length	
	Number of parallel runs	1
	Length	920 feet per run

Justification for New Transmission Line

Other Transmission Line Expenses Not Listed

Transmission Line		Description	
	Additional Transmission Line Components	Additional Transmission Line Components	

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

marv	Existing	Tower
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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	Leased	
		Is this tower consider Complex?		
		Is this tower currently shared with any other stations?	Yes	
		One or more FM, AM or TV radio broadcaster(s)	Yes	
		Others Types of Users	Yes	
		Is tower documented for structural analysis?	No	
		Is tower compliant with Rev G?	Yes	
	Existing Tower Structure	Do you have a tower registration number?	Yes	
	Registration	ASR Number	1022744	
	Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	31° 40' 08.6" N-	
		Longitude (NAD83)	091° 41' 30.5" W-	
		Overall Structure Height	1047.89 feet	
		Support Structure Height	1000.64 feet	
		Ground Elevation Above Mean Sea Level (AMSL)	55.12 feet	

	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	Pinnacle Towers LLC
	Date Constructed	08/31/1995

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
82888	KZKR	FM

Other Types of Users

Users

2 mwave antenna

Tower Modification Costs Primary

Tower

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

Tower Rigging Costs Primary

Tower

Section

Tower Rigging Costs	Complex Tower	Other
Helicopter Services Required	Are helicopter services required?	No

Other Tower Expenses Not Listed

Primary Tower

Information not provided.

Outside	Section	Question	Response
Professional	Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
		Number of Hours	277
		Explanation	Schedule and coordinate multiple vendors, complete progress reports, and update Schedule 399. Station does not have available 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	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	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	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	Yes
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	No

RF exposure measurements	No
Additional Field Engineering Service	Yes
Number of Days	14
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

Other Expenses

Name	Description
Equipment rental	Equipment rental
Sales Tax	Sales and use tax on goods and services
Tower rent for temporary equipment	Tower rent for temporary equipment

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 THU9evo-20	\$1,155,950.00	\$944,565.00		\$784,265.00	
Additional Interior RF System	\$140,000.00	\$140,000.00	N/A	N/A	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$5,200.00	\$5,000.00	N/A	N/A	N/A
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$24,900.00	N/A	\$9,600.00	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$37,150.00	N/A	\$37,150.00	N/A
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$737,515.00	See Rohde & Schwarz quote 121706.0 attached and 143637.1 for additional parts	\$737,515.00	N/A
Sub-total	\$1,155,950.00	\$944,565.00	N/A	\$784,265.00	N/A
Total for all systems	\$3,331,226.78	\$2,409,266.26	N/A	\$1,873,305.07	N/A

Actual Information Description	File Name	
Additional Interior RF System	Information not provided.	
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	
Transformer 3 phase/480v - 150 KVA	Component Description: Amount:	Electrical service \$9,600.00
Switchgear - industrial 800 amp	Component Description: Amount:	Electrical service \$37,150.00
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	Component Description:	Primary Transmitter, installment #1
	Amount: Component Description: Amount:	\$182,353.75 Primary Transmitter, installment #2 \$364,707.50
	Component Description: Amount:	Additional transmitter parts \$8,100.00
	Component Description:	Primary transmitter, installment #3
	Amount:	\$182,353.75

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 TFU-16WB	\$146,635.00	\$146,974.00		\$108,013.60	
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	\$9,570.00	\$10,979.00	See Dielectric quote 700422CMZ- 1 attached	\$9,881.10	N/A
UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, horizontally polarized	\$101,925.00	\$101,925.00	See Dielectric quote 700422CMZ- 1	\$91,732.50	N/A
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,120.00	N/A	N/A	N/A

Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$22,550.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
Primary Antenna TFU-20GTH /VP-R S190	\$555,530.00	\$187,000.00		\$168,353.50	
UHF - High Power Top Mount (200- 1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$16,860.00	10% balance remaining on Antenna, initial two installments reported as Horizontal instead of Elliptical; see Dielectric quote DMS121-3 (less VPOL cost)	\$945.30	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$12,000.00	N/A	\$9,268.20	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A

UHF - High Power Top Mount (200- 1000 kW), One station antenna, horizontally polarized	\$247,000.00	\$151,740.00	***System Notice: Estimate adjusted and locked because line has been superseded.	\$151,740.00	N/A
Sub-total	\$702,165.00	\$333,974.00	N/A	\$276,367.10	N/A
Total for all systems	\$3,331,226.78	\$2,409,266.26	N/A	\$1,873,305.07	N/A

omponent Description: nount:	Elbow component line 3 of invoice, installment #2 \$607.95
	Elbow component - line 2 of invoice \$4,332.60
	Elbow component - line 3 of invoice \$607.95
	Elbow component line 2 of invoice, installment #2 \$4,332.60
	mount: omponent Description: mount: mount: omponent Description: mount:

UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, horizontally polarized	Component Description:	Antenna component, line ² of invoice,
	Amount:	installment #2 \$45,866.25
	Component Description:	Antenna - line 1 c invoice
	Amount:	\$45,866.25
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)	Information not provided.	
Sweep test of existing antenna		
	Component Description:	Interim antenna sweep test
	Amount:	\$6,400.00
UHF - High Power Top		
Mount (200-1000 kW), One station antenna , elliptically	Component Description:	Main antenna,
or circularly polarized	Amount:	installment #3 \$945.30
Elbow complex, single		
channel, at antenna input, per 6 1/8. feedline (if needed)	Component Description:	Elbow complex, installment #2,
		line 2 of invoice
	Amount:	\$4,634.10
	Component Description:	Elbow complex,
		installment #1, line 2 of invoice

Sweep test of existing antenna	Component Description: Amount:	Sweep test \$6,400.00
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	Component Description:	UHF High Power Top Mount, installment #1, line 1 of invoice
	Amount:	\$75,870.00
	Component Description: Amount:	UHF High Power Top Mount, installment #2, line 1 of invoice \$75,870.00

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	\$97,637.78	\$68,987.26		\$68,838.82	
Flexible Air Transmission Line - dielectric, 5"	\$96,600.00	\$67,949.48	See Dielectric quote 700422CMZ- 1	\$67,801.04	N/A
Additional Transmission Line Components	\$1,037.78	\$1,037.78	See change orders in order confirmation 1631002	\$1,037.78	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	\$104,037.78	\$75,387.26	N/A	\$68,838.82	N/A
Total for all systems	\$3,331,226.78	\$2,409,266.26	N/A	\$1,873,305.07	N/A

Actual Information	
Description	File Name

	Amount:	adapter \$983.16
	Amount: Component Description:	adapter \$54.62 Flexline angle
Additional Transmission Line Components	Component Description:	Flexline angle
	Component Description: Amount:	Transmission line, installment #2 \$30,577.27
	Component Description: Amount:	Flexible transmission line - line 4 of invoice \$30,577.27
	Component Description: Amount:	Transmission line, installment #2, lines 3-10 of invoice \$3,323.25
	Amount:	installment #1, lines 3-10 of invoice \$3,323.25
Flexible Air Transmission Line - dielectric, 5"	Component Description:	Transmission line,

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 Cost Justification
Primary Tower TOWER	\$868,300.00	\$557,469.00		\$552,200.00	
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$25,600.00	N/A	\$20,331.00	N/A
Major tower reinforcement /modifications	\$421,000.00	\$194,505.00	See Crown Castle quotes	\$194,505.00	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$337,364.00	See attached Crown Castle Installation Quote	\$337,364.00	N/A
Sub-total	\$868,300.00	\$557,469.00	N/A	\$552,200.00	N/A
Total for all systems	\$3,331,226.78	\$2,409,266.26	N/A	\$1,873,305.07	N/A

Actual Information	
Description	File Name

undocumented/poorly documented tower and preparation of documentation necessary for tower load study	Component Description: Amount:	Geotechnical report \$6,800.00
	Component Description: Amount:	Structural analys \$9,281.00
	Component Description: Amount:	Structural Analys \$4,250.00
Major tower reinforcement /modifications	Component Description:	Tower Modification
	Amount:	Design \$6,700.00
	Component Description:	Tower modifications
	Amount:	\$187,805.00
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Component Description:	Antenna installation, installment #2
	Amount:	\$236,154.80
	Component Description:	Interim antenna and transmissior installation, installment #1
		instaiment #1

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	\$110,896.00	\$108,293.00		\$39,450.50	
Additional Field Engineering Service, 14 Days	\$28,000.00	\$28,000.00	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	\$2,050.00	N/A	N/A	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,050.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,585.00	N/A	N/A	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,095.00	N/A	N/A	N/A

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,120.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,535.00	N/A	\$1,500.00	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,535.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,070.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,170.00	N/A	N/A	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,560.00	N/A	N/A	N/A

Prepare and or review reimbursement form	\$2,630.00	\$2,560.00	N/A	N/A	N/A
Project management of the transition	\$43,766.00	\$42,658.00	N/A	\$37,950.50	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,305.00	N/A	N/A	N/A
Sub-total	\$110,896.00	\$108,293.00	N/A	\$39,450.50	N/A
Total for all systems	\$3,331,226.78	\$2,409,266.26	N/A	\$1,873,305.07	N/A

Components

Actual Information Description	File Name
Additional Field Engineering Service, 14 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 - Negotiation of lease and other matters for shared locations	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.

Prepare request for Special Temporary Authorization	Component Description: Amount:	Prepare request for Special Temporary Authorization- Item 4 of attached invoice summary \$1,500.00
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.	
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	
Prepare and or review reimbursement form	Information not provided.	
Project management of the transition	Component Description:	Project Management for Structural Analysis and Tower Modifications. Services from October 27, 2017 through December 31, 2017.
	Amount:	\$1,725.00

Component Description:	Project Management for Structural Analysis and Tower Modifications. Services from October 27, 2017 through December 31, 2017. \$2,775.00
Component Description: Amount:	Project management services Sep 2018 \$150.00
Component Description: Amount:	Project management services Jul 2018 \$250.00
Component Description: Amount:	Project management services Jun 2018 \$425.00
Component Description:	Project Management for Structural Analysis and Tower Modifications. Services from March 31, 2018 through April 27,
Amount:	2018. \$1,500.00
Component Description: Amount:	Project management services Nov 2018 \$25.00

Component Description: Amount:	Project management services 2.1.19 through 3.1.19 \$150.00
Component Description: Amount:	Project management services May 2019 \$90.00
Component Description: Amount:	Project management services June 2019 \$100.00
Component Description: Amount:	Project management services March 2019 \$221.00
Component Description: Amount:	Project management services 4.27.19 through 5.31.19 \$75.00
Component Description: Amount:	Project management services July 2019 \$325.00
Component Description: Amount:	Project management services \$2,072.50

Component Description: Amount:	Project management services January 2019 \$65.00
Component Description: Amount:	Project management services 3.2.19 through 3.29.19 \$150.00
Component Description: Amount:	Project management services May 2019 \$520.00
Component Description:	Project Management for Structural Analysis and Tower Modifications May 26, 2018 through June 29, 2018 including invoice from consultants Kessler and Gehman Associates for June 2018 progress report preparation. \$750.00
Component Description: Amount:	Project management services 3.30.19 to 4.26.19 \$1,150.00

Component Description: Amount:	Project management services 9.29.18 through 10.26.18 \$525.00
Component Description:	Project Management with associated consultant fee Kessler and Gehman Associates with their supporting invoice \$13,500.00
Component Description: Amount:	Project management services 1.1.19 through 1.31.19 Items 1, 2 and 3 of the invoice summary \$675.00
Component Description: Amount:	Project management services February 2019 \$123.50
Component Description:	Project Management for Structural Analysis and Tower Modifications. Services from January 1, 2018 through January 26, 2018. \$225.00

Component Description:	Project management
Amount:	services Aug 2018 \$75.00
Component Description:	Project management
Amount:	services April 2019 \$78.00
Component Description:	Project Management for Structural Analysis and Tower Modifications for services June 30, 2018 through July 27, 2018. \$300.00
Component Description:	Project management services June 2019
Amount:	\$422.50
Component Description:	Project Management for Structural Analysis and Tower Modifications. Services from January 1, 2018 through January 26, 2018.
Amount:	\$1,050.00

Component Description:	Project Management for Structural Analysis and Tower Modifications including consultants Kessler and Gehman Associates. \$750.00
Component Description: Amount:	Project management services 7.28.18 through 9.28.18 \$1,150.00
Component Description: Amount:	Project management services March 2019 \$80.00
Component Description: Amount:	Project management services 10.27.18 through 12.31.18 \$1,925.00
Component Description: Amount:	Project management period 8.26.17 to 9.29.17 \$804.04
Component Description: Amount:	Project management services various \$3,748.96

Attorney Fees -Prepare and	Information not provided.
File FCC Form 2100 (main),	
License to Cover Application	

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	\$389,878.00	\$389,578.00		\$119,683.65	
Equipment Delivery and Handling Charges	\$26,243.00	\$26,243.00	See attached freight and shipping invoices	\$26,242.33	N/A
Tower rent for temporary equipment	\$32,500.00	\$32,500.00	See Crown Castle First Amendment to Antenna Site Lease Schedule	N/A	N/A
Develop and air announcement of upcoming channel change	\$1,500.00	\$1,500.00	N/A	N/A	N/A
Equipment Storage	\$25,000.00	\$25,000.00	N/A	\$2,400.00	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$25,000.00	\$25,000.00	N/A	\$13,716.00	N/A
Non-zoning permits	\$25,000.00	\$25,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,250.00	N/A	\$1,856.00	N/A

Equipment rental	\$5,000.00	\$5,000.00	Estimated rental costs for equipment needed during transmitter installation	\$0.00	N/A
Sales Tax	\$236,085.00	\$236,085.00	Sales and use tax at LA state rate, where the transmitter is located, 10.5%	\$75,469.32	N/A
MVPD Notification of Channel Change	\$2,000.00	\$2,000.00	N/A	N/A	N/A
Sub-total	\$389,878.00	\$389,578.00	N/A	\$119,683.65	N/A
Total for all systems	\$3,331,226.78	\$2,409,266.26	N/A	\$1,873,305.07	N/A

Components

Actual Information	
Description	File Name

Equipment Delivery and Handling Charges	Component Description: Amount:	Interim antenna freight and shipping \$14,715.00
	Component Description: Amount:	Main antenna shipping, items 1 and 2 from invoice \$10,352.33
	Component Description: Amount:	Shipping for electrical gear \$1,175.00
		ψ1,170.00

Tower rent for temporary equipment		
equipment	Component Description:	Tower rent for
		temporary equipment Mar
		2019
	Amount:	\$6,500.00
	Component Description:	Tower rent for
		temporary
		equipment May
	•	2019
	Amount:	\$6,500.00
	Component Description:	Tower rent for
		temporary
		equipment Apr 2019
	Amount:	\$6,500.00
	Component Description:	Tower rent for
		temporary
		equipment Jun 2019
	Amount:	\$6,500.00
		<i>40,000.00</i>
	Component Description:	Tower rent for
		temporary
		equipment Jul 2019
	Amount:	\$6,500.00
Develop and air	Information not provided.	
announcement of upcoming channel change		
Equipment Storage		
	Component Description:	Main antenna
	Amount:	storage cost \$2,400.00
	Amount.	φ ∠, 400.00

Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description: Amount:	Disposal costs. \$13,000.00
	Component Description: Amount:	Disposal costs \$513.00
	Component Description: Amount:	Disposal costs \$203.00
Non-zoning permits	Information not provided.	
DTV Medical Facility Notification	Component Description: Amount:	Notification of Medical Facilities \$1,856.00
Equipment rental	Information not provided.	
Sales Tax	Component Description: Amount:	Sales tax on transmitter parts \$845.63
	Component Description: Amount:	Sales tax on electrical \$5,487.42
	Component Description: Amount:	Sales tax on transmitter \$69,136.27
MVPD Notification of Channel Change	Information not provided.	

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$3,331,226.78	\$2,409,266.26	\$1,873,305.07

Reimbursem	entestiatus	Response
	The facility has ceased operating on its pre- auction channel.	Yes
	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. 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 09/14/2020

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).
- 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.

	The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission. 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 au name	are, under penalty of perjury, that I am thorized representative of the above- d applicant for the Authorization(s) fied above.	Elizabeth Ryder General Counsel
		09/14/2020

Attachments