Approved by OMB (Office of Management and Budget) 3060-1178

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID: **83943** | Service: **DTV** | Call Sign: **WFNA** | Channel: **27 (UHF)**

File Number: **0000028752**

FRN: **0009961889** | Date Submitted: **05/13/2019**

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 *General Counsel* *Nexstar Broadcasting, Inc.*	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, antenna and transmission line. Acquire interim transmitter antenna and line for continued operation at a different site during construction and duration of the assigned phase. 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	CTT-U-DCX-2H
	Year	2000
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	40 kW

Primary Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	THU9EVO-48
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	73.5 kW
	Justification for New Transmitter	The manufacturer of the existing IOT transmitter advises that the transmitter cannot be re-tuned to the assigned channel. Station is budgeting for a LCSS ULXTE-100 or equivalent.

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 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 Transmitter

Other Transmitter Cost Not Listed

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

Interim Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Interim
	Description of Use	N/A
	Change Type	Purchase
	Manufacturer	
	Model	TBD
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	54.2 kW
	Justification for New Transmitter	To keep the station on the air through the phase at a different site (WKRG site) when the existing antenna and line are replaced at the existing site. Budget for ULXTE-90 or equivalent.

Interim Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	Yes
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	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?	Yes
	Type	Cooling Only
	Size	5 tons
	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
Inside RF System	Is an additional interior RF system required to support this interim transmitter?	Yes

Interim Transmitter

Other Transmitter Cost Not Listed

Information not provided.

Antennas

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

Primary Antenna

Existing Antenna Information

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

Manufacturer	
Model	TFU-30DSC VP-R CT -170
Year	2009

Primary Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	1000.0 kW
	Manufacturer	
	Model	TUM-C4-10 /34H-1-R

	Year	2018
	Justification for New Antenna	The existing primary antenna is a single channel slotted coaxial 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?	No
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	6 1/8 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	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

Primary Antenna

Other Antenna Cost Not Listed

Information not provided.

Interim Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	Yes
	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	Elliptical
	Type	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	Multi-Channel
	ERP: (Effective Radiated Power)	1000.0 kW
	Manufacturer	
	Model	Multi-Channel Model

	Year	2018
	Justification for New Antenna	To keep the station on the air through the phase at a different site when the existing antenna and line are replaced at the existing site.

Interim Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Type	New
	Number of channels supported	2
	Frequencies of channels supported	RF channel
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	No
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?	Yes
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Enter a list of RF channel numbers.

RF Channel Number
20
27

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

Add 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 this transmission currently shared with any other 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	1160 feet per run

Primary Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	Rigid
	Diameter	8 3/16 inches
	Other Diameter	N/A
	Segment Length	19 3/4 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1795 feet per run
	Justification for New Transmission Line	The attached transmission line sweep demonstrates that the transmission line for the main facility passes on the pre-auction channel and fails on the post-auction channel.

Primary Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

Interim Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	Rigid
	Diameter	7 3/16 inches
	Segment Length	20'
	Other Segment Length	
	Number of parallel runs	1
	Length	1900 feet per run
	Justification for New Transmission Line	To keep the station on the air through the phase at a different site (WKRG site) when the existing antenna and line are replaced at the existing site.

Interim Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

Tower Equipment And Rigging Costs

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

Primary Tower

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	No
	Is tower compliant with Rev G?	Yes
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1059778
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	30° 41' 17.0" N-
	Longitude (NAD83)	087° 47' 54.0" W-
	Overall Structure Height	1200.12 feet
	Support Structure Height	1124.00 feet
	Ground Elevation Above Mean Sea Level (AMSL)	200.13 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Meredith Corporation
Date Constructed	04/01/1974

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
4143	WALA-TV	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

	Other Tower Expenses Not Listed
Primary Tower	Information not provided.

Outside Professional Services Costs

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	350
	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	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	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

Name	Description
Sales Tax	Sales and use tax on goods and services

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
Interim Transmitter TBD	**$2,039,100.00**	**$1,938,450.00**		**$0.00**	
UHF inside RF system including switching	$147,500.00	$140,000.00	N/A	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	$1,788,000.00	$1,700,000.00	N/A	N/A	N/A
Service entrance 3 phase/800 amp/208 volt	$14,400.00	$13,700.00	N/A	N/A	N/A
Switchgear - industrial 800 amp	$38,200.00	$36,300.00	N/A	N/A	N/A
Transformer 3 phase /480v - 150 KVA	$25,550.00	$24,300.00	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
5 Ton system	$20,250.00	$19,250.00	N/A	N/A	N/A

Primary Transmitter THU9EVO-48	**$2,207,950.00**	**$1,317,840.00**		**$278,085.00**	
UHF - Liquid Cooled Solid State Transmitter 68.5 - 75 kW	$1,999,000.00	$1,112,340.00	See Rohde & Schwarz quote 157876.3 total cost $1,301,340 less upgrade cost ($189,000)	$278,085.00	N/A
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	$4,900.00	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	$4,247,050.00	$3,256,290.00	N/A	$278,085.00	N/A
Total for all systems	$7,422,660.00	$5,841,164.00	N/A	$405,630.70	N/A

Components

Actual Information Description	File Name
UHF inside RF system including switching	Information not provided.
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	Information not provided.

Service entrance 3 phase /800 amp/208 volt	Information not provided.	
Switchgear - industrial 800 amp	Information not provided.	
Transformer 3 phase/480v - 150 KVA	Information not provided.	
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	
5 Ton system	Information not provided.	
UHF - Liquid Cooled Solid State Transmitter 68.5 - 75 kW	**Component Description:** **Amount:**	Transmitter, installment #1, less upgrade cost $278,085.00
Additional Interior RF System	Information not provided.	
3" Rigid Conduit and Wiring (Cost per foot)	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 Multi-Channel Model	**$379,340.00**	**$297,259.00**		**$18,503.10**	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	$5,260.00	$2,500.00	The catalog price is $5,000; however, this will be a shared expense with WKRG since both stations will operate on one multi-channel interim antenna. Therefore, both stations will budget $2,500.	N/A	N/A

Side mount brackets for high power antennas (if not included in antenna base cost)	$23,150.00	$11,000.00	The catalog price is $22,000; however, this will be a shared expense with WKRG since both stations will operate on one multi-channel interim antenna. Therefore, both stations will budget $11,000.	N/A	N/A
New combiner, cost per channel (without antenna)	$84,200.00	$20,559.00	The catalog price is $80,000; however, this will be a shared expense with WKRG since both stations will operate on one multi-channel interim antenna. Therefore, both stations will budget $40,000. Cost reduced to $20,559 per Dielectric quote 800309CMZ	$18,503.10	N/A

UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, elliptically or circularly polarized	***$260,000.00***	$260,000.00	The catalog price for a 2-station antenna is $520,000; however, this will be a shared expense with WKRG since both stations will operate on one multi-channel interim antenna. Therefore, both stations will budget $260,000.	N/A	N/A
Sweep test of existing antenna	$6,730.00	$3,200.00	The catalog price is $6,400; however, this will be a shared expense with WKRG since both stations will operate on one multi-channel interim antenna. Therefore, both stations will budget $3,200.	N/A	N/A
Primary Antenna TUM-C4-10 /34H-1-R	**$455,625.00**	**$457,985.00**		**$0.00**	

UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, elliptically or circularly polarized	***$408,185.00***	$408,185.00	Used High Power Top Mount for budget because side mount is only rated for 500 kW; see Dielectric quote DMS171-2; WFNA primary antenna will also function as interim antenna for WKRG	$0.00	N/A
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	$5,260.00	$5,000.00	N/A	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	$23,150.00	$21,750.00	See Dielectric quote DMS171-2	$0.00	N/A

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	$12,300.00	$16,650.00	See Dielectric quote DMS171-2	$0.00	N/A
Sweep test of existing antenna	$6,730.00	$6,400.00	N/A	N/A	N/A
Sub-total	$834,965.00	$755,244.00	N/A	$18,503.10	N/A
Total for all systems	$7,422,660.00	$5,841,164.00	N/A	$405,630.70	N/A

Components

Actual Information Description	File Name
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.

New combiner, cost per channel (without antenna)	**Component Description:** **Amount:** **Component Description:** **Amount:**	Combiner, installment #1, 50% of shared cost with WKRG FAC ID 73187 $9,251.55 Combiner, installment #2, 50% of shared cost with WKRG FAC ID 73187 $9,251.55
UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, elliptically or circularly polarized	Information not provided.	
Sweep test of existing antenna	Information not provided.	
UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, elliptically or circularly polarized	**Component Description:** **Amount:** **Component Description:** **Amount:**	Antenna, line 1 of invoice, installment #2 $183,683.25 Antenna, line 1 of invoice, installment #1 $183,683.25
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)	**Component Description:** **Amount:** **Component Description:** **Amount:**	Mounting brackets, line 2 of invoice, installment #2 $9,787.50 Mounting brackets, line 2 of invoice, installment #1 $9,787.50
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	**Component Description:** **Amount:** **Component Description:** **Amount:**	Elbow complex, line 3 of invoice, installment #2 $7,492.50 Elbow complex, line 3 of invoice, installment #1 $7,492.50
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	**$551,000.00**	**$262,200.00**		**$0.00**	
Rigid Transmission Line - copper, 7 3 /16"	$551,000.00	$262,200.00	The catalog price is $524,400; however, this will be a shared expense with WKRG since both stations will operate on one multi-channel interim antenna sharing the same interim transmission line. Therefore, both stations will budget $262,200.	N/A	N/A
Primary Transmission Line	**$622,865.00**	**$439,080.00**		**$0.00**	
Rigid Transmission Line - copper, 8 3 /16"	$622,865.00	$439,080.00	See Dielectric quote DMS171-2	$0.00	N/A
Sub-total	$1,173,865.00	$701,280.00	N/A	$0.00	N/A

Total for all systems	$7,422,660.00	$5,841,164.00	N/A	$405,630.70	N/A

Components

Actual Information Description	File Name	
Rigid Transmission Line - copper, 7 3/16"	Information not provided.	
Rigid Transmission Line - copper, 8 3/16"	**Component Description:** **Amount:**	Transmission line, line 4 of invoice, installment #2 $197,586.00
	Component Description: **Amount:**	Transmission line, line 4 of invoice, installment #1 $197,586.00

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**	**$625,000.00**		**$83,770.00**	
Tall Tower (greater than 500')	$210,500.00	$200,000.00	N/A	$51,461.00	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	$26,300.00	$25,000.00	N/A	N/A	N/A
Major tower reinforcement /modifications	$421,000.00	$400,000.00	N/A	$32,309.00	N/A
Sub-total	$657,800.00	$625,000.00	N/A	$83,770.00	N/A
Total for all systems	$7,422,660.00	$5,841,164.00	N/A	$405,630.70	N/A

Components

Actual Information Description	File Name	
Tall Tower (greater than 500')	**Component Description:**	Antenna installation, installment #1
	Amount:	$51,461.00

Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	Information not provided.	
Major tower reinforcement /modifications	**Component Description:** **Amount:** **Component Description:** **Amount:**	Tower modification, installment #1 $22,309.00 Deposit as agreed per Nexstar Commitment Letter and Coast to Coast Tower Service $10,000.00

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	**$128,430.00**	**$123,350.00**		**$25,272.60**	
ASR modification (prepare FCC Form 854)	$2,105.00	$2,050.00	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
Additional Field Engineering Service, 17 Days	***$34,000.00***	$34,000.00	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 - Negotiation of lease and other matters for shared locations	$4,210.00	$4,000.00	N/A	N/A	N/A

Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	$2,365.00	$2,250.00	N/A	N/A	N/A
Attorney Fees - 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	$55,300.00	$52,500.00	N/A	$12,772.60	N/A
Sub-total	$128,430.00	$123,350.00	N/A	$25,272.60	N/A
Total for all systems	$7,422,660.00	$5,841,164.00	N/A	$405,630.70	N/A

Components

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

Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.	
Attorney Fees - 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 FCC Form 2100, item 4 from invoice summary $3,000.00
Perform engineering study for new channel assignment and antenna development	**Component Description:** **Amount:**	Perform engineering study for new channel assignment, item 3 from invoice summary $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:** **Amount:**	Prepare reimbursement form, item 2 from invoice summary $2,500.00
Project management of the		

transition

Component Description:	Project Management for Structural Analysis and Tower Modifications including consultants Kessler and Gehman Associates. Services from January 27, 2018 through February 23, 2018.
Amount:	$375.00
Component Description:	Project management services 12.2018
Amount:	$50.00
Component Description:	Project management services 2.1.19 through 3.1.19
Amount:	$225.00
Component Description:	Project management services 3.2.19 through 3.29.19
Amount:	$150.00
Component Description:	Project management services 1.1.19 through 1.31.19
Amount:	$525.00

Component Description:	Project management services 9.29.18 through 10.26.18
Amount:	$825.00
Component Description:	Project management services 10.27.18 through 11.30.18
Amount:	$2,700.00
Component Description:	Prepare FCC Schedule 387, item 6 from invoice summary
Amount:	$150.00
Component Description:	Project management services 5.26.18 through 6.29.18
Amount:	$375.00
Component Description:	Project management services, item 1 from invoice summary
Amount:	$2,702.60
Component Description:	Project management services 7.28.18 through 9.28.18
Amount:	$450.00

Component Description:	Project management services, item 7 from invoice summary
Amount:	$3,945.00
Component Description:	Prepare FCC Schedule 387, item 5 from invoice summary
Amount:	$300.00

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	**$380,550.00**	**$380,000.00**		**$0.00**	
Sales Tax	***$263,500.00***	$263,500.00	We used a rate of 4.75% applied to transmitters, antennas, transmission line and tower work which is based on total state and local tax rates added together.	N/A	N/A
MVPD Notification of Channel Change	***$2,000.00***	$2,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	***$3,500.00***	$3,500.00	Cost to develop and produce spots and crawls for viewer notification	N/A	N/A
Equipment Storage	***$25,000.00***	$25,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	***$25,000.00***	$25,000.00	N/A	N/A	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
Non-zoning permits	***$25,000.00***	$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
Sub-total	$380,550.00	$380,000.00	N/A	$0.00	N/A
Total for all systems	$7,422,660.00	$5,841,164.00	N/A	$405,630.70	N/A

Components

Information not provided.

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	$7,422,660.00	$5,841,164.00	$405,630.70

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* 05/13/2019

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).	
	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** *General Counsel* 05/13/2019

Attachments