

(REFERENCE COPY - Not for submission)

#### FCC Form 399: Reimbursement Request

Facility 35380 Service: DTV Call KOIN Channel: 25 (UHF)

Sign:

File **0000028763** 

Number:

ID:

FRN: **0009961889** Date **03/19** 

Submitted: /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 Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

#### Preparer Contact Information

#### **Preparer Contact Name and Information**

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

#### **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	Sigma
	Year	2000
	Туре	Inductive Output Tube
	IOT Power Type	Three
	Power Capacity	75 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	ULXTED-72
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	47.2 kW
	Justification for New Transmitter	Existing transmitter cannot be converted to repacked channel per manufacturer and is no longer supported. We will upgrade to an SS at one step up from required TPO.

#### Primary Transmitter

#### **Other Transmitter Costs**

•	Section	Question	Response
	Electrical Service	Service Entrance (3 phases 800A 208V)	Yes
		Switchgear (industrial 800 amp)	Yes
		Transformer (480V)	No
		Power	N/A

	Rigid Conduit and Wiring	Yes
	Size	3 inches
	Length	150.0 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** Information not provided.

#### Interim Transmitter

#### **New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Interim
	Description of Use	N/A
	Change Type	Purchase
	Manufacturer	
	Model	THU9EVO-
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	6.5 kW
	Justification for New Transmitter	A new interim transmitter is required at an alternate site because the existing site does not have the capacity to install a new transmitter until the old transmitter is taken off air.

#### Interim Transmitter

#### **Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	Yes

	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	Yes
	Size	3 inches
	Length	150.0 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
Inside RF System	Is an additional interior RF system required to support this interim transmitter?	No

### Interim

**Other Transmitter Cost Not Listed** 

**Transmitter** 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?	Yes
	Is the existing antenna directional?	No
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna	Class	Full Power
Manufacturer and Type	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Broadband Panel
	Number of Stations Supported	3
	Number of Panels	80
	Design power capacity in use	100.0 %
	Lower Limit	580.00 MHz
	Upper Limit	700.00 MHz
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	3000.0 kW

Manufacturer	
Model	PHP80E
Year	2005

# Facility ID's and Call Signs of all stations with whom the antenna is shared.

Facility ID	Call Sign
10192	KRCW-TV
21649	KATU

#### Primary Antenna

#### **New Antenna Costs**

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	Yes
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna	Class	Full Power
Manufacturer and Types	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Туре	Broadband Panel
	Number of Stations Supported	3
	Number of Panels/Bays	64
	Lower Limit	470.00 MHz
	Upper Limit	630.00 MHz
	Design power capacity in use	85.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	3000.0 kW
	Manufacturer	
		1

Model	TUM25-O4-
	16/64H-2-R-T
Year	2017
Justification for New Antenna	Current
	antenna
	does not
	achieve
	omni pattern
	and was not
	designed for
	the lower
	frequency
	range
	needed by
	two of the
	stations.
	Parts are
	unavailable
	and
	manufacturer
	no longer
	_
	supports the
	product.

#### Primary Antenna

#### **Other Antenna Costs**

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Туре	New
	Number of channels supported	3
	Frequencies of channels supported	RF channel
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	Yes
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Broadband

	Feed Line Size	8 3/16 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	Do you require the sweep testing of transmission line and antenna?	Yes

## Enter a list of RF channel numbers.

RF Channel Number
33
24
25

#### 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?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna	Class	Full Power
Manufacturer and Type	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Broadband Panel
	Number of Stations Supported	3
	Number of Panels/Bays	8
	Lower Limit	539.00 MHz
	Upper Limit	587.00 MHz
	Design power capacity in use	15.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	50.0 kW
	Manufacturer	
	Model	TUM-O4-8 /32H-1-R-T
	Year	2018

Justification for New Antenna	Station must build interim facilities to be able to be on air by the
	transition
	date and to
	remain on
	air while
	the main
	site is
	rigged.

#### Interim Antenna

#### **Other Antenna Costs**

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Туре	New
	Number of channels supported	3
	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?	Yes
	Broadband or Single Channel?	В
	Feed Line Size	6 1/8 inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an 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	Do you require the sweep testing of transmission line and antenna?	Yes

## Enter a list of RF channel numbers.

RF Channel Number
33
24
25

#### Interim Antenna

#### **Other Antenna Cost Not Listed**

Information not provided.

Transmission <sup>Seffien</sup>	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

#### **Existing Transmission Line**

## Primary Transmission

n Line Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	Yes
	Is Transmission Line in operating condition?	Yes
Existing Transmission	Manufacturer	
Line Manufacturer and Type	Туре	Flexible Air
	Diameter	5 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	4
	Length	1000 feet per run

## Facility ID's and Call Signs of all stations with whom the transmission line is shared.

Facility ID	Call Sign
21649	KATU
10192	KRCW-TV

#### Primary

#### **New Transmission Line**

Transmissio	n 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
		Туре	Rigid
		Diameter	8 3/16 inches
		Other Diameter	N/A
		Segment Length	Broadband
		Other Segment Length	N/A
		Number of parallel runs	2
	Length	1010 feet per run	
		Justification for New Transmission Line	Line is no longer manufactured and will not support new antenna.

**Primary** Other Transmission Line Expenses Not Listed

Transmission loine tion not provided.

#### Interim

#### **New Transmission Line**

Transmission Line	n Line Section	Question	Response
	New Transmission Line	Use	Interim
	Costs	Description of Use	N/A
		Change Type	Purchase New
		Туре	Rigid
		Diameter	6 1/8 inches
		Segment Length	Broadband
		Other Segment Length	
		Number of parallel runs	1
		Length	900 feet per run
		Justification for New Transmission Line	Required for interim facility.

**Other Transmission Line Expenses Not Listed** 

Transmission loine tion not provided.

# Tower Equipment And Rigging Costs

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

#### Primary Tower

#### **Existing Tower**

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	Terrain Constrained
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure	Do you have a tower registration number?	Yes
Registration	ASR Number	1207367
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	45° 30' 57.8" N-
	Longitude (NAD83)	122° 44' 03.1" W-
	Overall Structure Height	989.82 feet
	Support Structure Height	920.92 feet

Ground Elevation Above Mean Sea Level (AMSL)	1059.04 feet
Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Sylvan Tower Co., LLC
Date Constructed	02/09/2000

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
10192	KRCW-TV	DTV
21649	KATU	DTV

#### Primary Tower

#### **Tower Modification Costs**

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

#### Primary Tower

#### **Tower Rigging Costs**

Section	Question	Response
Tower Rigging Costs	Complex Tower	Terrain constrained

Helicopter Services	Are helicopter services required?	No
Required		

#### Primary Tower

#### Other Tower Expenses Not Listed

Information not provided.

Outside Professional

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	750
	Explanation	It will be necessary to 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.
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes

Quantity 2  Do you have Distributed Transmission System engineering services?  Critical Facility N/A  Terrain-Shielded Facility N/A  Prepare and file Form FCC Construction Permit Application  For Auxiliary Facility No  For Main Facility Yes  Prepare and file Form FCC License to Cover Application  For Auxiliary Facility No  For Main Facility Yes  Prepare request for Special Temporary Authority Quantity 2  NEPA Section 106 environmental review No  Environmental Assessment No  ASR Modification Yes  FAA Consultation (including preparation of FAA Form 7460)  Negotiation of Lease and other Matter for Shared Locations	
System engineering services?  Critical Facility  N/A  Terrain-Shielded Facility  N/A  Attorney and Other Outside Consulting Services  Prepare and file Form FCC Construction Permit Application  For Auxiliary Facility  No  For Main Facility  Prepare and file Form FCC License to Cover Application  For Auxiliary Facility  No  For Main Facility  Yes  Prepare request for Special Temporary Authority  Quantity  Quantity  No  Environmental Assessment  No  ASR Modification  FAA Consultation (including preparation of FAA Form 7460)  Negotiation of Lease and other Matter for  No	
Terrain-Shielded Facility  N/A  Attorney and Other Outside Consulting Services  Prepare and file Form FCC Construction Permit Application  For Auxiliary Facility  Prepare and file Form FCC License to Cover Application  For Main Facility  Prepare and file Form FCC License to Cover Application  For Auxiliary Facility  No  For Main Facility  Yes  Prepare request for Special Temporary Authority  Quantity  Quantity  2  NEPA Section 106 environmental review  No  Environmental Assessment  No  ASR Modification  Yes  FAA Consultation (including preparation of FAA Form 7460)  Negotiation of Lease and other Matter for  No	
Attorney and Other Outside Consulting Services  Prepare and file Form FCC Construction Permit Application  For Auxiliary Facility  Prepare and file Form FCC License to Cover Application  For Auxiliary Facility  Prepare and file Form FCC License to Cover Application  For Auxiliary Facility  Prepare request for Special Temporary Authority  Quantity  Quantity  No  Environmental Assessment  No  ASR Modification  FAA Consultation (including preparation of FAA Form 7460)  Negotiation of Lease and other Matter for  No	
Outside Consulting 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       2         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       No	
For Auxiliary Facility  For Main Facility  Yes  Prepare and file Form FCC License to Cover Application  For Auxiliary Facility  No  For Main Facility  Yes  Prepare request for Special Temporary Authority  Quantity  Quantity  2  NEPA Section 106 environmental review  Environmental Assessment  No  ASR Modification  Yes  FAA Consultation (including preparation of FAA Form 7460)  Negotiation of Lease and other Matter for  No	
Prepare and file Form FCC License to Cover Application  For Auxiliary Facility  For Main Facility  Prepare request for Special Temporary Authority  Quantity  Quantity  2  NEPA Section 106 environmental review  No Environmental Assessment  No ASR Modification  Yes  FAA Consultation (including preparation of FAA Form 7460)  Negotiation of Lease and other Matter for  No	
Cover Application  For Auxiliary Facility  For Main Facility  Prepare request for Special Temporary Authority  Quantity  Quantity  2  NEPA Section 106 environmental review  No  Environmental Assessment  No  ASR Modification  Yes  FAA Consultation (including preparation of FAA Form 7460)  Negotiation of Lease and other Matter for  No	
For Main Facility  Prepare request for Special Temporary Authority  Quantity  2  NEPA Section 106 environmental review  No  Environmental Assessment  No  ASR Modification  Yes  FAA Consultation (including preparation of FAA Form 7460)  Negotiation of Lease and other Matter for	
Prepare request for Special Temporary Authority  Quantity  2  NEPA Section 106 environmental review  No  Environmental Assessment  No  ASR Modification  Yes  FAA Consultation (including preparation of FAA Form 7460)  Negotiation of Lease and other Matter for  No	
Authority  Quantity  2  NEPA Section 106 environmental review  No  Environmental Assessment  No  ASR Modification  Yes  FAA Consultation (including preparation of FAA Form 7460)  Negotiation of Lease and other Matter for  No	
NEPA Section 106 environmental review  Environmental Assessment  No  ASR Modification  Yes  FAA Consultation (including preparation of FAA Form 7460)  Negotiation of Lease and other Matter for  No	
Environmental Assessment No  ASR Modification Yes  FAA Consultation (including preparation of FAA Form 7460)  Negotiation of Lease and other Matter for No	
ASR Modification  Yes  FAA Consultation (including preparation of FAA Form 7460)  Negotiation of Lease and other Matter for No	
FAA Consultation (including preparation of Yes FAA Form 7460)  Negotiation of Lease and other Matter for No	
FAA Form 7460)  Negotiation of Lease and other Matter for No	
The grantes of Leaves and the same was	
Strated Educations	
Prepare or Review FCC Form 399 for Yes Reimbursement	
Address transition timing and coordination No issues w/ other stations and wireless providers	
RF Field Engineering Services  Comprehensive coverage verification via field study	
RF exposure measurements Yes	
Additional Field Engineering Service Yes	

Number of Days	15
Justification	Complexity of tower site and shared systems will require additional time on site.

Outside
Professional Services Expenses Not Listed
Professional Services Costsided.

## Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	Yes
	Is Remediation needed?	Yes
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	Yes
	Non-zoning permits	Yes
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	Yes
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD  Notification of a Channel Change?	Yes

Other Expenses Not Listed

**Expenses** Information not provided.

## **Cost Information**

#### **Transmitters**

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmitter THU9EVO-4	\$333,900.00	\$324,700.00		\$283,605.00	
3" Rigid Conduit and Wiring (Cost per foot)	\$7,800.00	\$7,500.00	N/A	\$5,100.78	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$37,150.00	N/A	\$25,191.64	N/A
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$14,050.00	N/A	\$9,507.58	N/A
UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW	\$273,500.00	\$266,000.00	N/A	\$243,805.00	N/A
Primary Transmitter ULXTED-72	\$1,533,400.00	\$1,418,775.00		\$1,302,455.00	
Switchgear - industrial 800 amp	\$38,200.00	\$37,150.00	N/A	N/A	N/A

UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$1,360,075.00	See attached quotes. The SS quote is less than the \$1,388,470 for a 2 tube IOT. So we have used the cost of the SS as the reimbursable estimate.	\$1,302,455.00	N/A
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$14,050.00	N/A	N/A	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$7,800.00	\$7,500.00	N/A	N/A	N/A
Sub-total	\$1,867,300.00	\$1,743,475.00	N/A	\$1,586,060.00	N/A
Total for all systems	\$4,693,319.00	\$3,989,255.22	N/A	\$3,160,012.52	N/A

#### Components

Actual Information Description	File Name	
3" Rigid Conduit and Wiring (Cost per foot)	Component Description:	Electrical services related to Interim
	Amount:	transmitter \$5,100.78

Switchgear - industrial 800 amp	Component Description:	Electrical services
		related to Interim
		transmitter
	Amount:	\$25,191.64
Service entrance 3 phase		
/800 amp/208 volt	Component Description:	Electrical services
		related to Interim
		transmitter
	Amount:	\$9,507.58
UHF - Liquid Cooled Solid		
State Transmitter 4.9 . 6.5	Component Description:	Aux Transmitter
kW		75% balance due
	Amount:	\$182,853.75
	Component Description:	Downpayment
	Component Description.	25% Aux
		Transmitter
	Amount:	\$60,951.25
Switchgear - industrial 800 amp	Information not provided.	

UHF - Liquid Cooled Solid State Transmitter 35 - 50	Component Description:	Remaining cost is
kW	Component Boompton.	net of \$210,000 n
		to be reimbursed
		by FCC. Net cost
		of Rohde and
		Schwarz invoices
		agrees to quote
		attached.
	Amount:	\$143,238.75
	Component Description	Electrical services
	Component Description:	for main transmitte
	Amount:	\$99,500.00
	Amount.	ψ39,300.00
	Component Description:	50%
		downpayment; se
		also quote from
		Rohde and
		Schwarz
	Amount:	\$706,477.50
	Component Description:	25% down
		payment on
		transmitter; see
		also quote from
		Rohde and
		Schwarz
	Amount:	\$353,238.75
Service entrance 3 phase /800 amp/208 volt	Information not provided.	
3" Rigid Conduit and Wiring (Cost per foot)	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 TUM-O4-8 /32H-1-R-T	\$104,630.00	\$0.00		\$0.00	
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	\$13,700.00	\$0.00	Sinclair is purchasing the interim antenna system and shall be reimbursed for 100% of the interim antenna system.  Nexstar is purchasing the main antenna system and shall be reimbursed for 100% of the main antenna system.  Plan was approved by FCC.	N/A	N/A

UHF - High	\$0.00	\$0.00	Sinclair is	N/A	N/A
Power Top			purchasing		
Mount			the interim		
Three			antenna		
Station			and line		
broadband			and shall		
panel			be		
antenna			reimbursed		
horizontally			for 100% of		
polarized			the interim		
			antenna		
			and line.		
			Nexstar is		
			purchasing		
			the main		
			antenna		
			and line		
			and shall		
			be		
			reimbursed		
			for 100% of		
			the main		
			antenna		
			and line.		
			Plan was		
			approved		
			by FCC.		

New	\$84,200.00	\$0.00	Sinclair is	N/A	N/A
combiner,			purchasing the interim		
cost per channel			antenna		
(without			system and		
antenna)			shall be		
			reimbursed		
			for 100% of		
			the interim		
			antenna		
			system.		
			Nexstar is		
			purchasing		
			the main		
			antenna		
			system and		
			shall be		
			reimbursed		
			for 100% of		
			the main		
			antenna		
			system.		
			Plan was		
			approved		
			by FCC.		

Sweep test	\$6,730.00	\$0.00	Sinclair is	N/A	N/A
of existing			purchasing		
antenna			the interim		
			antenna		
			system and		
			shall be		
			reimbursed		
			for 100% of		
			the interim		
			antenna		
			system.		
			Nexstar is		
			purchasing		
			the main		
			antenna		
			system and		
			shall be		
			reimbursed		
			for 100% of		
			the main		
			antenna		
			system.		
			Plan was		
			approved		
			by FCC.		
Primary Antenna	\$859,519.00	\$923,781.22	\$917,381.22		
TUM25-O4-					
16/64H-2-R-					
Т					

Sweep test of existing	\$6,730.00	\$6,400.00	Nexstar is purchasing	\$0.00	N/A
antenna			the main		
			antenna		
			system and		
			shall be		
			reimbursed		
			for 100% of		
			the main		
			antenna		
			system.		
			Sinclair is		
			purchasing		
			the interim		
			antenna		
			system and		
			shall be		
			reimbursed		
			for 100% of		
			the interim		
			antenna		
			system.		
			Plan was		
			approved		
			by FCC.		

Combiner output splitting /switching for dual feed lines, if applicable	\$126,000.00	\$258,222.22	Nexstar is purchasing the main antenna system and shall be reimbursed for 100% of the main antenna system. Sinclair is	\$258,222.22	N/A
			purchasing		
			the interim		
			antenna		
			system and		
			shall be		
			reimbursed		
			for 100% of		
			the interim		
			antenna		
			system.		
			Plan was		
			approved		
			by FCC.		

Elbow	\$18,950.00	\$35,520.00	Nexstar is	\$35,520.00	N/A
complex,			purchasing		
broadband,			the main		
at antenna			antenna		
input, per 8			system and		
3/16.			shall be		
feedline (if			reimbursed		
needed)			for 100% of		
			the main		
			antenna		
			system.		
			Sinclair is		
			purchasing		
			the interim		
			antenna		
			system and		
			shall be		
			reimbursed		
			for 100% of		
			the interim		
			antenna		
			system.		
			Plan was		
			approved		
			by FCC.		
New	\$84,200.00	\$0.00	See	N/A	N/A
combiner,			"Combiner		
cost per			output		
channel			splitting		
(without			/switching		
antenna)			for dual		
			feed lines"		

Total for all systems	\$4,693,319.00	\$3,989,255.22	N/A	\$3,160,012.52	N/A
Sub-total	\$964,149.00	\$923,781.22	N/A	\$917,381.22	N/A
			antenna system. Plan was approved by FCC.		
			the interim		
			reimbursed for 100% of		
			shall be		
			system and		
			antenna		
			purchasing the interim		
polarized			Sinclair is		
circularly			system.		
or			antenna		
elliptically			the main		
antenna			for 100% of		
panel			reimbursed		
broadband			shall be		
Station			system and		
Three			antenna		
Mount			the main		
UHF - High Power Top	\$623,639.00	\$623,639.00	Nexstar is purchasing	\$623,639.00	N/A

Actual Information Description	File Name
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.
UHF - High Power Top Mount Three Station broadband panel antenna horizontally polarized	Information not provided.
New combiner, cost per channel (without antenna)	Information not provided.

Sweep test of existing antenna	Information not provided.	
Sweep test of existing antenna	Component Description:	Sweep test was not performed by Dielectric, credit
		against amounts previously submitted; see cover letter.
	Amount:	(\$5,760.00)
	Component Description:	Sweep test, installment #2, line 23 of invoice
	Amount:	\$2,880.00
	Component Description:	Sweep test, installment #1, line 23 of invoice
	Amount:	\$2,880.00
Combiner output splitting /switching for dual feed lines, if applicable	Component Description:	Combiner,
штез, п аррпсавте		balance due from change order; see cover letter
	Amount:	(\$36,455.78)
	Component Description:	Combiners, installment #2,
	Amount:	line 26 of invoice \$147,339.00
	Component Description:	Combiners, installment #1,
	Amount:	line 26 of invoice \$147,339.00

Component Description:  Amount:  Component Description:  Amount:	Elbow complex, installment #2, line 3 of invoice \$15,984.00  Elbow complex, balance due; see cover letter \$3,552.00
Amount:  Component Description:  Amount:	installment #2, line 3 of invoice \$15,984.00 Elbow complex, balance due; see cover letter \$3,552.00
Amount:  Component Description:  Amount:	installment #2, line 3 of invoice \$15,984.00 Elbow complex, balance due; see cover letter \$3,552.00
Component Description: Amount:	\$15,984.00  Elbow complex, balance due; see cover letter \$3,552.00
Component Description: Amount:	Elbow complex, balance due; see cover letter \$3,552.00
Amount:	balance due; see cover letter \$3,552.00
Amount:	balance due; see cover letter \$3,552.00
Amount:	balance due; see cover letter \$3,552.00
	cover letter \$3,552.00
Component Description:	
Component Description:	
	Elbow complex,
	installment #1,
	line 3 of invoice
Amount:	\$15,984.00
Information not provided.	
Component Description:	Antenna, change
	order
Amount:	\$31,854.00
Component Description:	Balance due,
•	Antenna; see
	cover letter.
Amount:	\$59,178.50
Component Description:	Main antenna,
	installment #2,
•	line 1 of invoice
Amount:	\$266,303.25
Component Description	Main antenna,
Component Description:	installment #1,
	line 1 of invoice
Amount:	\$266,303.25
	Information not provided.  Component Description:  Amount:  Component Description:  Amount:

# **Cost Information**

### **Transmission Line**

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cos
Interim Transmission Line	\$208,800.00	\$0.00		\$0.00	
Rigid Transmission Line - copper, 6 1 /8" broadband	\$208,800.00	\$0.00	Sinclair is purchasing the interim antenna system and shall be reimbursed for 100% of the interim antenna system.  Nexstar is purchasing the main antenna system and shall be reimbursed for 100% of the main antenna system.  Plan was	N/A	N/A
Primary Transmission Line	\$805,980.00	\$532,491.00	approved by FCC.	\$532,491.00	

Rigid	\$805,980.00	\$532,491.00	Nexstar is	\$532,491.00	N/A
Transmission			purchasing		
Line -			the main		
copper, 8 3			antenna		
/16"			system and		
broadband			shall be		
			reimbursed		
			for 100% of		
			the main		
			antenna		
			system.		
			Sinclair is		
			purchasing		
			the interim		
			antenna		
			system and		
			shall be		
			reimbursed		
			for 100% of		
			the interim		
			antenna		
			system.		
			Plan was		
			approved		
			by FCC.		
Sub-total	\$1,014,780.00	\$532,491.00	N/A	\$532,491.00	N/A
Total for all systems	\$4,693,319.00	\$3,989,255.22	N/A	\$3,160,012.52	N/A

Actual Information Description	File Name
Rigid Transmission Line - copper, 6 1/8" broadband	Information not provided.

Rigid Transmission Line - copper, 8 3/16" broadband

Component Description: Transmission line,

installment #2, line

4 of invoice

**Amount:** \$239,620.95

**Component Description:** Transmission line,

balance due; see

cover letter

**Amount:** \$53,249.10

Component Description: Transmission line,

installment #1, line

4 of invoice

**Amount:** \$239,620.95

# **Cost Information**

### **Tower Equipment and Rigging Costs**

	Predetermined	Estimated	Estimated Cost		Actual Cost
Description	Cost Estimate	Cost	Justification	Actual Cost	Justification
Primary Tower TOWER	\$433,600.00	\$382,700.00		\$68,705.00	
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,300.00	N/A	\$8,705.00	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$370,400.00	Nexstar is paying for and being 100% reimbursed for the main antenna system installation on the Primary Tower and Sinclair is paying for and being 100% reimbursed for the interim antenna system installation on the Interim Tower. Plan approved by FCC.	\$60,000.00	N/A

Sub-total	\$433,600.00	\$382,700.00	N/A	\$68,705.00	N/A
Total for all systems	\$4,693,319.00	\$3,989,255.22	N/A	\$3,160,012.52	N/A

Actual Information Description	File Name	
Structural engineering tower load study for well documented tower	Component Description: Amount:	Structural analysis required for permit \$8,705.00
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Component Description: Amount:	Antenna removal and aux antenna installation \$60,000.00

# **Cost Information**

### **Outside Professional Services**

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$258,570.00	\$253,100.00		\$20,686.50	
Additional Field Engineering Service, 15 Days	\$81,000.00	\$81,000.00	N/A	N/A	N/A
RF Exposure Measurements	\$21,050.00	\$20,500.00	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	\$550.00	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,050.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,170.00	N/A	\$2,362.50	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,560.00	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
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 request for Special Temporary Authorization	\$4,100.00	\$3,070.00	N/A	\$1,000.00	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
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
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$7,360.00	\$7,170.00	N/A	N/A	N/A
Project management of the transition	\$118,500.00	\$115,500.00	N/A	\$16,774.00	N/A

Sub-total	\$258,570.00	\$253,100.00	N/A	\$20,686.50	N/A
Total for all systems	\$4,693,319.00	\$3,989,255.22	N/A	\$3,160,012.52	N/A

Actual Information Description	File Name	
Additional Field Engineering Service, 15 Days	Information not provided.	
RF Exposure Measurements	Information not provided.	
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Component Description: Amount:	Prepare FAA filing, item 4 from invoice summary \$550.00
ASR modification (prepare FCC Form 854)	Information not provided.	

Perform engineering study for new channel assignment	Component Description:	Engineering study
and antenna development		for new channel
		assignment
	Amount:	\$787.50
	Component Description:	Engineering study for new channel
	Amount:	assignment \$1,050.00
	Component Description:	Engineering study for new channel
	Amount:	assignment \$175.00
	Component Description:	Engineering study for new channel assignment
	Amount:	\$525.00
Prepare and or review reimbursement form	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Prepare request for Special Temporary Authorization	Component Description:	Prepare STA filing, item 6 from invoice
	Amount:	summary \$1,000.00
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.	

Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.	
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.	
Project management of the transition	Component Description:	Project management services 6/30/18 through 7/27/18
	Amount:  Component Description:	\$300.00 Project
	Amount:	management services 5/26/18 through 6/29/18 \$675.00
	Component Description:	Project management services 10.27.18
	Amount:	through 1.31.19 \$525.00
	Component Description:	Project management services 9.29.18
	Amount:	through 10.26.18 \$675.00
	Component Description:	Prepare FCC Schedule 387, item 3 from invoice summary

Component Description: Prepare FCC

schedule 387
Progress Report,
item 2 from invoice

summary

**Amount:** \$300.00

**Component Description:** Project

management services, item 5 from invoice summary

**Amount:** \$6,424.00

Component Description: Project

management, item
1 from invoice
summary

**Amount:** \$6,825.00

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:** \$900.00

Component Description: FCC Study

Transition and

Design

**Amount:** \$3,051.31

Component Description: FCC Transition

Study and Design

**Amount:** \$1,650.00

Component Description: FCC Transition

Study and Design

**Amount:** \$1,387.50

# **Cost Information**

### **Other Expenses**

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$151,020.00	\$149,958.00		\$34,688.80	
Equipment Delivery and Handling Charges	\$25,000.00	\$25,000.00	N/A	\$11,175.00	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$25,000.00	\$25,000.00	See Radio Tower proposal attached.	\$18,621.00	N/A
AM Pattern Disturbance Remedy	\$21,050.00	\$20,500.00	N/A	N/A	N/A
AM Pattern Disturbance Impact study	\$7,890.00	\$7,680.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,250.00	N/A	\$4,892.80	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$333.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$195.00	N/A	N/A	N/A
Local Zoning	\$1,000.00	\$1,000.00	N/A	N/A	N/A

Non-zoning permits	\$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	\$6,500.00	\$6,500.00	Develop and produce spots and crawls for viewer notification.	N/A	N/A
MVPD Notification of Channel Change	\$2,500.00	\$2,500.00	N/A	N/A	N/A
Sub-total	\$151,020.00	\$149,958.00	N/A	\$34,688.80	N/A
Total for all systems	\$4,693,319.00	\$3,989,255.22	N/A	\$3,160,012.52	N/A

Actual Information Description	File Name	
Equipment Delivery and Handling Charges	Component Description: Amount:	Freight cost allocation; see cover letter \$11,175.00
Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description: Amount:	Transmitter removal \$18,621.00
AM Pattern Disturbance Remedy	Information not provided.	
AM Pattern Disturbance Impact study	Information not provided.	

DTV Medical Facility Notification	Component Description: Amount:	Notification of Medical Facilities \$4,892.80
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
Local Zoning	Information not provided.	
Non-zoning permits	Information not provided.	
Equipment Storage	Information not provided.	
Develop and air announcement of upcoming channel change	Information not provided.	
MVPD Notification of Channel Change	Information not provided.	

# Cost Information

### **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$4,693,319.00	\$3,989,255.22	\$3,160,012.52

Reimburseme	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

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 abovenamed applicant for the Authorization(s) specified above. Elizabeth Ryder General Counsel

03/19/2019

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.
- The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.
- 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 abovenamed applicant for the Authorization(s) specified above. Elizabeth Ryder General Counsel

03/19/2019

#### **Attachments**