



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **71127** | Service: **DTV** | Call **WAVY-TV** | Channel: **19 (UHF)** |
ID: | Sign:
File **0000028695**
Number:
FRN: **0009961889** | Date **03/31**
Submitted: **/2020**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
NEXSTAR BROADCASTING, INC.	Elizabeth Ryder 545 E. John Carpenter Freeway Suite 700 Irving, TX 75062 United States	+1 (972) 373-8800	eryder@nexstar.tv	Corporation

Reimbursement Contact Information

Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

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

**Broadcaster
Information
and
Transition
Plan**

Question	Response
Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	Yes
Briefly describe transition plan	See the attached transition document.

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	DCX
	Year	2001
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	50 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	End of life components require transmitter replacement rather than simple conversion of existing transmitter per manufacturer.

**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	75.0 feet
	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	Yes
	Size	100.0 square feet
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
Transmitter Remote Control	Transmitter Remote Control for new RePack Transmitter Please see Burk Technology Proposal # 00004323 Attached
RF SYSTEM CONVERSION	Equipment and labor to convert inside RF system to new combiner/antenna switching.
Additional Transmitter Costs	Additional Transmitter Costs
Transmitter Installation Services	Installation and Commissioning of new RePack Transmitter. Please see Land Communications Inc. quote # 1065

Antennas

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

Primary Antenna

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	No
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Bottom
	Polarization	Horizontal
	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-30GBH-R08
Year	2001

Primary
Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Bottom
	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	TFU-30GBH /VP-R O8
Year	2017
Justification for New Antenna	Existing coaxial slot antenna is not designed to operate on repacked channel.

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	6 1/8 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No

Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes
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**Primary
Antenna**

Other Antenna Cost Not Listed

Name	Description
Second channel combiner port	WAVY must operate on pre-repack channel as well as post-repack channel into combiner so it needs 2 ports on the combiner.
Combiner Installation Services	Combiner Installation Please see Land Communications Estimate # 1087 Attached

**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 Manufacturer and Type	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Broadband Panel
	Number of Stations Supported	3
	Number of Panels/Bays	32
	Lower Limit	470.00 MHz
	Upper Limit	630.00 MHz
	Design power capacity in use	50.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	500.0 kW
	Manufacturer	
	Model	TUA-O4-8 /32H-1-R SM

Year	2019
Justification for New Antenna	WAVY does not have an interim antenna to use while main facility is being built out. See WAVY transition plan for cost and time savings justification associated with overall approach.

Interim 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?	B
	Feed Line Size	6 1/8 inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an antenna?	Yes

Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Interim Antenna

Other Antenna Cost Not Listed

Information not provided.

Transmission Line

Section	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Primary Transmission Line**Existing Transmission Line**

Section	Question	Response
Existing Transmission Line Description	Type of change	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	DIELECTRIC
	Type	Rigid
	Diameter	8 3/16 inches
	Other Diameter	N/A
	Segment Length	Broadband
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	970 feet per run

Primary Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Line extension	30 ft Line extension due to antenna length change and tower mods.
Reducer	Reducer
TL 8-75 Length 5' to 10'	TL 8-75 Length 5' to 10'
Trans Test 8-75	Trans Test 8-75

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	6 1/8 inches
	Segment Length	Broadband
	Other Segment Length	
	Number of parallel runs	1
	Length	825 feet per run

	<p>Justification for New Transmission Line</p>	<p>The transmission line with higher power capability is an integral part to the tower consolidation plan (see attached WAVY Transition Plan) that reduces cost and time associated with the 3 stations being repacked on this tower.</p>
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Interim Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Transmission Line 6-50	Transmission Line 6-50

**Tower
Equipment
And
Rigging
Costs**

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

**Primary
Tower**

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Yes
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1018104
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	36° 49' 15.0" N-
	Longitude (NAD83)	076° 30' 40.0" W-
	Overall Structure Height	1026.89 feet
	Support Structure Height	889.10 feet
	Ground Elevation Above Mean Sea Level (AMSL)	22.97 feet
	Structure Type	TOWER - Free Standing or Guyed Structure

	Tower Owner	WAVY BROADCASTING INC
	Date Constructed	01/01/1957

**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
65387	WVBT	DTV
71121	WKTD-CD	DTV
71119	WITD-CD	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:	Serious 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

**Primary
Tower**

Other Tower Expenses Not Listed

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	90
	Explanation	The engineering, tower rigging, transmitter and combiner suppliers, must all coordinate effectively because WAVY transitions in Phase 9 and the WNLO-CD & WVBTV transition in Phase 7. Cost of this activity is shared between WAVY, WVBTV, & WNLO-CD.
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	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	No

RF exposure measurements	No
Additional Field Engineering Service	No
Number of Days	N/A
Justification	N/A

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	Yes
	Non-zoning permits	No
	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?	No
	Does this relocation require Equipment Storage?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

Other Expenses	Other Expenses Not Listed
	Information not provided.

Cost Information

Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter THU9EVO-48	\$3,796,594.00	\$1,341,219.00		\$1,254,644.00	
Transmitter Installation Services	<i>\$195,824.00</i>	\$195,824.00	Installation and Commissioning of new RePack Transmitter. Please see Land Communications Inc. quote # 1065	\$195,824.00	N/A
Additional Transmitter Costs	<i>\$39,370.00</i>	\$39,370.00	See Rohde & Schwarz quote 255486.0	\$39,370.00	N/A
Transmitter Remote Control	<i>\$7,900.00</i>	\$7,900.00	Transmitter Remote Control for new RePack Transmitter Please see Burk Technology Proposal # 00004323 Attached	N/A	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	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
3" Rigid Conduit and Wiring (Cost per foot)	\$3,900.00	\$3,675.00	N/A	N/A	N/A

Other -- Building Addition Size: 100.0	\$5,000.00	\$5,000.00	Need to move walls, plumbing, electrical wiring, lighting fixtures, etc.	N/A	N/A
RF SYSTEM CONVERSION	\$20,000.00	\$20,000.00	Equipment and labor to convert inside RF system to new combiner /antenna switching.	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 68.5 - 75 kW	\$1,999,000.00	\$746,587.50	See Rohde & Schwarz quote 195248.1 less upgrade cost and amount reported on 35- 50 kW line (\$272,862.50)	\$746,587.50	N/A
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$272,862.50	***System Notice: Estimate adjusted and locked because line has been superseded. ***See Rohde& Schwarz quote 195248.1 total cost \$1,267,351 less upgrade cost (\$247,901)	\$272,862.50	N/A
Sub-total	\$3,796,594.00	\$1,341,219.00	N/A	\$1,254,644.00	N/A
Total for all systems	\$5,908,365.01	\$2,629,972.65	N/A	\$2,016,953.28	N/A

Components

Actual Information
Description

File Name

Transmitter Installation Services	Component Description:	Transmitter installation, installment #1
	Amount:	\$97,912.00
	Component Description:	Transmitter installation, installment #2
	Amount:	\$97,912.00
Additional Transmitter Costs	Component Description:	Additional transmitter parts
	Amount:	\$39,370.00
Transmitter Remote Control	Information not provided.	
Switchgear - industrial 800 amp	Information not provided.	
Service entrance 3 phase /800 amp/208 volt	Information not provided.	
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	
Other -- Building Addition Size: 100.0	Information not provided.	
RF SYSTEM CONVERSION	Information not provided.	
UHF - Liquid Cooled Solid State Transmitter 68.5 - 75 kW	Component Description:	Transmitter, installment #2
	Amount:	\$746,587.50

UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	<table> <tr> <td data-bbox="699 91 1023 291"> Component Description: Amount: </td><td data-bbox="1023 91 1428 291"> Transmitter, installment #1, less upgrade cost \$272,862.50 </td></tr> <tr> <td data-bbox="699 291 1023 492"> Component Description: Amount: </td><td data-bbox="1023 291 1428 492"> Transmitter, installment #2, less upgrade cost \$746,587.50 </td></tr> <tr> <td data-bbox="699 492 1023 694"> Component Description: Amount: </td><td data-bbox="1023 492 1428 694"> Reverse submission for transmitter model correction (\$746,587.50) </td></tr> </table>	Component Description: Amount:	Transmitter, installment #1, less upgrade cost \$272,862.50	Component Description: Amount:	Transmitter, installment #2, less upgrade cost \$746,587.50	Component Description: Amount:	Reverse submission for transmitter model correction (\$746,587.50)
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Component Description: Amount:	Transmitter, installment #2, less upgrade cost \$746,587.50						
Component Description: Amount:	Reverse submission for transmitter model correction (\$746,587.50)						

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 TUA-O4-8 /32H-1-R SM	\$127,538.67	\$100,918.67		\$80,566.80	
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$7,250.00	See Dielectric quote 700323CMZ-5. Cost to be shared with WNLO-CD and WVB, split 3 ways; this is WAVY share of cost	\$6,525.00	N/A
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	\$13,700.00	\$3,570.00	See Dielectric quote 700323CMZ-5. Cost to be shared with WNLO-CD and WVB, split 3 ways; this is WAVY share of cost	\$3,213.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A

UHF “ Broadband Panel, Side Mount Auxiliary /Interim, 500 horizontally polarized	\$78,698.67	\$78,698.67	The antenna selection is part of an overall cost reduction and time /complexity for all three stations on the tower: WAVY, WVBT and WNLO-CD. See Dielectric quote 700323CMZ-5. Cost to be shared with WNLO-CD and WVBT, split 3 ways; this is WAVY share of cost	\$70,828.80	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
Primary Antenna TFU-30GBH /VP-R 08	\$402,196.67	\$521,476.67		\$450,083.80	
Combiner Installation Services	\$13,666.67	\$13,666.67	Combiner Installation Please see Land Communications Estimate # 1087 Attached; 1/3 shared cost with WVBT and WNLO	N/A	N/A

Second channel combiner port	\$80,000.00	\$80,000.00	To operate on pre-repack and post-repack channels, WAVY needs 2 ports on input combiner.	\$68,524.80	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$10,710.00	See Dielectric quote DMS188-3	\$9,639.00	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$410,700.00	See Dielectric quote DMS188-3 total cost \$441,450 less vpol (\$30750)	\$369,630.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$2,290.00	N/A
Sub-total	\$529,735.34	\$622,395.34	N/A	\$530,650.60	N/A
Total for all systems	\$5,908,365.01	\$2,629,972.65	N/A	\$2,016,953.28	N/A

Components

Actual Information
Description

File Name

Side mount brackets for high power antennas (if not included in antenna base cost)	<div data-bbox="722 174 1388 405"> <p>Component Description: Side mount brackets, installment #2, 1/3 shared cost with WVBT and WNLO-CD</p> <p>Amount: \$3,262.50</p> </div> <div data-bbox="722 555 1388 828"> <p>Component Description: Side mount brackets, installment #1, 1/3 shared cost with WVBT and WNLO-CD</p> <p>Amount: \$3,262.50</p> </div>
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	<div data-bbox="722 965 1388 1196"> <p>Component Description: Elbow complex, installment #2, 1/3 shared cost with WVBT and WNLO-CD</p> <p>Amount: \$1,606.50</p> </div> <div data-bbox="722 1305 1388 1536"> <p>Component Description: Elbow complex, installment #1, 1/3 shared cost with WVBT and WNLO-CD</p> <p>Amount: \$1,606.50</p> </div>
Sweep test of existing antenna	Information not provided.

UHF “ Broadband Panel, Side Mount Auxiliary/Interim, 500 horizontally polarized	<div> Component Description: Interim antenna, installment #2, 1/3 shared cost with WVBT and WNLO- CD </div> <div> Amount: \$35,414.40 </div>
	<div> Component Description: Interim antenna, installment #1, 1/3 shared cost with WVBT and WNLO- CD </div> <div> Amount: \$35,414.40 </div>
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.
Combiner Installation Services	Information not provided.
Second channel combiner port	<div> Component Description: Combiner, installment #2, shared cost with WVBT and WNLO- CD </div> <div> Amount: \$34,262.40 </div> <div> Component Description: Combiner, installment #1, shared cost with WVBT and WNLO- CD </div> <div> Amount: \$34,262.40 </div>

<p>Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)</p>	<table> <tr> <td data-bbox="722 174 1029 208">Component Description:</td><td data-bbox="1163 174 1348 241">Elbow complex, installment #2</td></tr> <tr> <td data-bbox="722 257 831 291">Amount:</td><td data-bbox="1163 257 1281 291">\$4,819.50</td></tr> <tr> <td data-bbox="722 398 1029 432">Component Description:</td><td data-bbox="1163 398 1348 465">Elbow complex, installment #1</td></tr> <tr> <td data-bbox="722 481 831 515">Amount:</td><td data-bbox="1163 481 1281 515">\$4,819.50</td></tr> </table>	Component Description:	Elbow complex, installment #2	Amount:	\$4,819.50	Component Description:	Elbow complex, installment #1	Amount:	\$4,819.50
Component Description:	Elbow complex, installment #2								
Amount:	\$4,819.50								
Component Description:	Elbow complex, installment #1								
Amount:	\$4,819.50								
<p>UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized</p>	<table> <tr> <td data-bbox="722 645 1029 678">Component Description:</td><td data-bbox="1163 645 1326 712">Antenna, installment #2</td></tr> <tr> <td data-bbox="722 728 831 761">Amount:</td><td data-bbox="1163 728 1310 761">\$184,815.00</td></tr> <tr> <td data-bbox="722 869 1029 902">Component Description:</td><td data-bbox="1163 869 1326 936">Antenna, installment #1</td></tr> <tr> <td data-bbox="722 952 831 985">Amount:</td><td data-bbox="1163 952 1310 985">\$184,815.00</td></tr> </table>	Component Description:	Antenna, installment #2	Amount:	\$184,815.00	Component Description:	Antenna, installment #1	Amount:	\$184,815.00
Component Description:	Antenna, installment #2								
Amount:	\$184,815.00								
Component Description:	Antenna, installment #1								
Amount:	\$184,815.00								
<p>Sweep test of existing antenna</p>	<table> <tr> <td data-bbox="722 1115 1029 1149">Component Description:</td><td data-bbox="1163 1115 1361 1305">Sweep test, 50% of invoice cost shared with WVBT FAC ID 65387.</td></tr> <tr> <td data-bbox="722 1321 831 1355">Amount:</td><td data-bbox="1163 1321 1281 1355">\$2,290.00</td></tr> </table>	Component Description:	Sweep test, 50% of invoice cost shared with WVBT FAC ID 65387.	Amount:	\$2,290.00				
Component Description:	Sweep test, 50% of invoice cost shared with WVBT FAC ID 65387.								
Amount:	\$2,290.00								

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	\$192,041.67	\$52,275.31		\$47,047.78	
Rigid Transmission Line - copper, 6 1/8" broadband	\$191,400.00	\$51,633.64	See Dielectric quote 800089CMZ. Cost to be shared with WNLO-CD and WVB, split 3 ways; this is WAVY share of cost	\$46,470.28	N/A
Transmission Line 6-50	<i>\$641.67</i>	\$641.67	See Dielectric quote 800089CMZ. Cost to be shared with WNLO-CD and WVB, split 3 ways; this is WAVY share of cost	\$577.50	N/A
Primary Transmission Line	\$20,634.00	\$20,634.00		\$8,337.60	
Reducer	<i>\$2,418.00</i>	\$2,418.00	See Dielectric quote DMS188-3 and change order	\$2,176.20	N/A
Line extension	<i>\$11,370.00</i>	\$11,370.00	30 ft of 8" BB line extension.	N/A	N/A

TL 8-75 Length 5' to 10'	\$2,103.75	\$2,103.75	See Dielectric quote DMS188-3 and change order	\$1,893.38	N/A
Trans Test 8- 75	\$4,742.25	\$4,742.25	See Dielectric quote DMS188-3 and change order	\$4,268.02	N/A
Sub-total	\$212,675.67	\$72,909.31	N/A	\$55,385.38	N/A
Total for all systems	\$5,908,365.01	\$2,629,972.65	N/A	\$2,016,953.28	N/A

Components

Actual Information	
Description	File Name
Rigid Transmission Line - copper, 6 1/8" broadband	Component Description:
	Interim transmission line, installment #2, 1/3 shared cost with WVBT and WNLO- CD
	Amount:
	\$23,235.14
	Component Description:
	Interim transmission line, installment #1, 1/3 shared cost with WVBT and WNLO- CD
	Amount:
	\$23,235.14

Transmission Line 6-50	Component Description:	Transmission line, installment #2, 1/3 shared cost with WVBT and WNLO-CD
	Amount:	\$288.75
	Component Description:	Transmission line, installment #1, 1/3 shared cost with WVBT and WNLO-CD
	Amount:	\$288.75
Reducer	Component Description:	Reducer, installment #2
	Amount:	\$1,088.10
	Component Description:	Reducer, installment #1
	Amount:	\$1,088.10
Line extension	Information not provided.	
TL 8-75 Length 5' to 10'	Component Description:	Transmission line piece, installment #2
	Amount:	\$946.69
	Component Description:	Transmission line piece, installment #1
	Amount:	\$946.69

Trans Test 8-75	Component Description:	Trans test,
		installment #2
	Amount:	\$2,134.01
	Component Description:	Trans test,
		installment #1
	Amount:	\$2,134.01

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	\$1,275,100.00	\$490,934.00		\$131,952.00	
Tall Tower (greater than 500')	\$210,500.00	\$153,601.00	See Coast to Coast proposal 05211901T; shared cost with WVB T and WLNO-CD; total proposal cost is \$460,803 split 3 ways = \$153,601 per station	\$121,952.00	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$4,000.00	Cost of this activity is shared between WAVY, WVB T, & WNLO-CD. This is only the cost for WAVY.	N/A	N/A
Serious tower reinforcement /modifications	\$1,052,000.00	\$333,333.00	Cost of this activity is shared between WAVY, WVB T, & WNLO-CD.	\$10,000.00	N/A
Sub-total	\$1,275,100.00	\$490,934.00	N/A	\$131,952.00	N/A

Total for all systems	\$5,908,365.01	\$2,629,972.65	N/A	\$2,016,953.28	N/A
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Components

Actual Information	
Description	File Name
Tall Tower (greater than 500')	<div> Component Description: </div> <div> Antenna installation, installment #2, shared cost with WVBT and WNLO-CD </div>
	<div> Amount: </div> <div> \$38,191.67 </div>
	<div> Component Description: </div> <div> Antenna installation, installment #3, shared cost with WVBT and WNLO </div>
	<div> Amount: </div> <div> \$15,000.00 </div>
	<div> Component Description: </div> <div> Antenna installation, installment #4, shared cost with WVBT and WNLO </div>
	<div> Amount: </div> <div> \$15,000.00 </div>
	<div> Component Description: </div> <div> Antenna installation, installment #1, shared cost with WVBT and WNLO-CD </div>
	<div> Amount: </div> <div> \$53,760.33 </div>
Structural engineering tower load study for well documented tower	Information not provided.

Serious tower reinforcement /modifications	<table><tr><td data-bbox="708 100 1114 398">Component Description:</td><td data-bbox="1114 100 1423 398">Deposit as agreed per Nexstar Commitment Letter and Coast to Coast Tower Service</td></tr><tr><td data-bbox="708 398 1114 504">Amount:</td><td data-bbox="1114 398 1423 504">\$10,000.00</td></tr></table>	Component Description:	Deposit as agreed per Nexstar Commitment Letter and Coast to Coast Tower Service	Amount:	\$10,000.00
Component Description:	Deposit as agreed per Nexstar Commitment Letter and Coast to Coast Tower Service				
Amount:	\$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	\$44,930.00	\$58,750.00		\$14,956.50	
Project management of the transition	\$14,220.00	\$30,000.00	This is a complex project with three stations on a single tower with multiple phase assignments. We have estimated WAVY's portion of the total project management cost to be 200 hours each at a rate of \$150 /hr.	\$9,619.00	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	N/A	N/A
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	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	N/A	N/A

Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$5,337.50	N/A
Sub-total	\$44,930.00	\$58,750.00	N/A	\$14,956.50	N/A
Total for all systems	\$5,908,365.01	\$2,629,972.65	N/A	\$2,016,953.28	N/A

Components

Actual Information		
Description	File Name	
Project management of the transition	Component Description:	Project management of the transition professional services from September 20, 2017 through May 25, 2018 including services provided by consultants Kessler and Gehman Associates, Inc.
	Amount:	\$3,491.00
	Component Description:	Project management services January 2019
	Amount:	\$65.00
	Component Description:	Project management services April 2019
	Amount:	\$39.00

Component Description:	Project management services 3.30.19 through 4.26.19
Amount:	\$450.00

Component Description:	Project management services June 2019
Amount:	\$110.00

Component Description:	Project management services 6.1.19 through 6.28.19
Amount:	\$600.00

Component Description:	Project management services June 2019
Amount:	\$162.50

Component Description:	Project management services
Amount:	\$1,713.00

Component Description:	Project management services May 2019
Amount:	\$70.00

Component Description:	Project management services
Amount:	\$255.00

Component Description:	Project management services 9.28.19 through 10.25.19
Amount:	\$387.00

Component Description:	Project management services May 2019
Amount:	\$78.00

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

Component Description:	Professional management services 10.27.18 through 12.31.18
Amount:	\$275.00

Component Description:	Project management services 1.1.19 through 1.31.19
Amount:	\$600.00

Component Description:	Project management services 9.29.18 through 10.26.18
Amount:	\$150.00

Component Description:	Project management services 2.1.19 through 3.1.19
Amount:	\$600.00

	<p>Component Description:</p> <p>Project management of the transition professional services from May 26, 2018 through June 29, 2018 including services provided by consultants Kessler and Gehman Associates, Inc.</p> <p>Amount:</p> <p>\$450.00</p>
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.
Prepare request for Special Temporary Authorization	Information not provided.
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.
Prepare and or review reimbursement form	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	Information not provided.
Perform engineering study for new channel assignment and antenna development	

Component Description:	Revise storyboard, interference study, create CP and recalculate ERP if COR changed, transition plan document, create 399, coverage maps, & upload draft documents to ASANA.
Amount:	\$1,225.00

Component Description:	Creation of initial repacked versus licensed map comparison. Information gathering for all station transmission facilities and creation of repack plan for each station . WAVY RPU license mod to address narrow banding and use of digital emissions.
Amount:	\$2,100.00

Component Description:	Information gathering, creation of transition plan with definition of initial equipment and service needs.
Amount:	\$350.00

Component Description:

Repack engineering services.
Evaluation of expansion options for WAVY for 2nd priority window application.
Creation of exhibit to support Legal STA for WAVY to transition earlier than assigned.

Amount:

\$1,137.50

Component Description:

Revise and update 399 form

Amount:

\$612.50

Component Description:

Repack plan and revision, 399 form info

Amount:

\$1,050.00

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	\$49,330.00	\$43,765.00		\$29,364.80	
Equipment Storage	<i>\$2,000.00</i>	\$2,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$25,000.00</i>	\$25,000.00	See USA Commercial quote 22 attached.	\$25,000.00	N/A
Local Zoning	<i>\$1,000.00</i>	\$1,000.00	Building permits and fees.	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$6,000.00	N/A	\$4,364.80	N/A
MVPD Notification of Channel Change	<i>\$5,750.00</i>	\$5,750.00	See attached quote for notification of all relevant MVPD entities.	N/A	N/A

Develop and air announcement of upcoming channel change	\$3,500.00	\$3,500.00	Develop and produce crawls and spots for viewer notification.	N/A	N/A
Sub-total	\$49,330.00	\$43,765.00	N/A	\$29,364.80	N/A
Total for all systems	\$5,908,365.01	\$2,629,972.65	N/A	\$2,016,953.28	N/A

Components

Actual Information	
Description	File Name
Equipment Storage	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description: Disposal costs Amount: \$25,000.00
Local Zoning	Information not provided.
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
FCC Filing Fees - Form 2100 license to cover application	Information not provided.
DTV Medical Facility Notification	Component Description: Notification of medical facilities Amount: \$4,364.80
MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.

**Cost
Information**

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$5,908,365.01	\$2,629,972.65	\$2,016,953.28

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	<p>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.</p>	
		<ol style="list-style-type: none"> 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*

03/31/2020

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	<p>WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).</p>	
		<ol style="list-style-type: none"> 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.

<p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>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.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Elizabeth Ryder <i>General Counsel</i></p> <p>03/31/2020</p>

Attachments