

Federal Communications Commission

(REFERENCE COP	Y - Not for submission)
FCC Form 3	899:

# Reimbursement Request

			•		
Facility	23342	Service: DTV	Call	WOWK-TV	Channel:
ID:			Sign:		
10 (Hig	h VHF)	File 00	00028501		
		Number:			
FRN: <b>000</b>	9961889	Date	07/09		
		Submitted:	/2021		

#### Applicant Name, Type, and Contact Information

### Applicant Information

Applicant	Address	Phone	Email	Applicant Type
Nexstar Media Inc.	Elizabeth Ryder 545 E John Carpenter Freeway Suite 700 Irving, TX 75062 United States	+1 (972) 373-8800	ERYDER@NEXSTAR. TV	Corporation

#### Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

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

Broadcaster	Question	Response
Information and Transition Plan	Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	Yes
	Briefly describe transition plan	Replace transmitter and antenna using existing line. Acquire interim antenna and line for continued operation during construction and duration of the assigned phase. Map and analyze tower; design and implement modifications if required. See attached.

Transmitters	Section	Question	Response
	Transmitter Related Expenses	Do you have transmitter related expenses?	Yes

Primary	Existing Transmitter Information			
Transmitter	Section	Question	Response	
	Existing Transmitter Description	Type of change	Purchase New	
		Use	Primary (Main)	
		Description of Use	N/A	
		Ownership	Owned	
	Owner	N/A		
	Site	N/A		
	Is this transmitter currently shared with another station?	No		
		Is this transmitter currently in operating condition?	Yes	
	Existing Transmitter	Manufacturer		
Manufacturer and Type	Model	PTCD10P1- i		
		Year	2008	
		Туре	Solid State	
		Solid State Cooling	Air Cooled	
		Solid State Power Capacity	4 kW	

## **Existing Transmitter Information**

Primary	New Transmitter Costs			
Transmitter	Section	Question	Response	
	New Transmitter	Use	Primary (Main)	
		Change Type	Purchase New	
		Is this a request for upgraded equipment?	No	
		Manufacturer		
	Model	VAXTE-3R37		
	Transmitter Type	Solid State		
	Solid State Cooling	Air Cooled		
		Solid State Power capacity	2.4 kW	
		Justification for New Transmitter	The manufacturer of the existing transmitter advises that the transmitter cannot be retuned to the assigned channel. See attachment.	

Primary	Other Transmitter Costs			
Transmitter	Section	Question	Response	
	Electrical Service	Service Entrance (3 phases 800A 208V)	No	
		Switchgear (industrial 800 amp)	Yes	
		Transformer (480V)	Yes	
		Power	150 kVA	
		Rigid Conduit and Wiring	Yes	

	Size	3 inches
	Length	100.0 feet
	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Туре	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

# Primary Other Transmitter Cost Not Listed

Transmitter	Name	Description
	Standby Exciter and Switch	Standby Exciter with Automatic Change Over Switch
	Transmitter Electrical and Installation	Transmitter Electrical and Installation
	Additional Transmitter Costs	Additional Transmitter Costs
	Transmitter Site Survey	Transmitter Site Survey
	Additional Interior RF System	Interior RF System Existing Transmitter to Interim Transmission line

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

Primary	Existing Antenna Information				
Antenna	Section	Question	Response		
	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	Class	Full Power		
	Manufacturer and Type		Top Mount		
			Тор		
		Polarization	Horizontal		
		Туре	Other		
		Number of Stations Supported	N/A		
		Number of Panels	N/A		
		Design power capacity in use	N/A		
		Lower Limit	N/A		
		Upper Limit	N/A		
		Other Antenna Type	Travelling Wave		
		ERP: (Effective Radiated Power)	12.5 kW		

	Manufacturer	
	Model	TW-9A13-R
	Year	2000

Antenna Section New Antenna Description	Section	Question	Response
		Use	Primary (Main
	Description	Description of Use	N/A
		Change Type	Purchase Nev
		Is this a request for upgraded equipment?	Yes
		Ownership	Owned
		Owner	N/A
		Is antenna shared?	No
		Is antenna directional?	No
		Will antenna be located on or in close proximity to an antenna farm?	No
	New Antenna	Class	Full Power
	Manufacturer and Type	es Mounting	Top Mount
		Antenna position in stack	Тор
		Polarization	Circular
		Туре	Slotted Coaxial
		Number of Stations Supported	N/A
		Number of Panels/Bays	N/A
		Lower Limit	N/A
		Upper Limit	N/A
	Design power capacity in use	N/A	
	Other Antenna Type	N/A	
		ERP: (Effective Radiated Power)	37.0 kW
		Manufacturer	
		Model	THV-9A10 /VP-R O4

Year	2020
Justification for New Antenna	The existing primary antenna is a single channel traveling wave which cannot accommodate the assigned channel.

#### Other Antenna Costs

### Primary Antenna

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	
	Туре	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	4 1/16 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	Yes
	transmission line and antenna?	

## Primary Antenna

### Other Antenna Cost Not Listed

Name	Description
Extension pole	9.7-ft Extension Pole required in order to maintain authorized FAA height
Elbow Kit	Elbow kit 6-1/8" 50 Ohm to connect antenna input to existing line inside and at top of existing lower stack antenna

Interim	New Antenna Costs			
Antenna	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?	No	
		Is antenna directional?	Yes	
		Will antenna be located on or in close proximity to an antenna farm?	No	
	New Antenna	Class	Full Power	
	Manufacturer and Type	Mounting	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Horizontal	
		Туре	Broadband Slot	
	א נ נ	Number of Stations Supported	1	
		Number of Panels/Bays	8	
		Lower Limit	192.00 MHz	
		Upper Limit	216.00 MHz	
		Design power capacity in use	100.0 %	
		Other Antenna Type	N/A	
		ERP: (Effective Radiated Power)	12.5 kW	
		Manufacturer		
		Model	TLS-V8BB- R	
		Year	2019	

Justification for New AntennaAn interim antenna is necessary to keep station on the air during primary antenna replacement and for the duration of the assigned phase.

# Interim Other Antenna Costs

Antenna
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Section	Question	Response
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	В
	Feed Line Size	3 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 Other Antenna Cost Not Listed

Antenna	Name	Description
	Additional Antenna Costs	Additional Antenna Costs

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

ransmissio	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?	No
		Is Transmission Line in operating condition?	Yes
	Existing Transmission	Manufacturer	
	Line Manufacturer and Type	Туре	Rigid
		Diameter	6 1/8 inches
		Other Diameter	N/A
		Segment Length	20 inches
		Other Segment Length	N/A
		Number of parallel runs	1
		Length	1140 feet per run

# Primary Existing Transmission Line

Primary	New Transmission Line			
Transmissio	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	4 1/16 inches	
		Other Diameter	N/A	
		Segment Length	19 1/2 inches	
		Other Segment Length	N/A	
		Number of parallel runs	1	
		Length	1210 feet per run	
		Justification for New Transmission Line	Existing line lengths are 20' which will cause VSWR add up in band on CH10. The line must be replaced.	

Primary	Primary Other Transmission Line Expenses Not Listed		
Transmissio	n Line	Description	
	Additional Transmission Line	Additional Transmission Line Components	

Interim	New Transmission Line		
Transmissio	n Line Section	Question	Response
	New Transmission Line Costs	Use	Interim
		Description of Use	N/A
		Change Type	Purchase New
		Туре	Rigid
		Diameter	3 1/8 inches
		Segment Length	19 ½ '
		Other Segment Length	
		Number of parallel runs	1
		Length	1000 feet per run
		Justification for New Transmission Line	An interim transmission line is necessary for the interim antenna to keep station on the air during primary antenna replacement and for the duration of the assigned phase.

Interim Other Transmission Line Expenses Not Listed Transmission

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

Primary			
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?	No
		Is tower compliant with Rev G?	No
	Existing Tower Structure	Do you have a tower registration number?	No
	Registration	ASR Number	
	Coordinates (NAD83 ( North American Datum	Latitude (NAD83)	38° 30' 21.1" N-
	of 1983))	Longitude (NAD83)	082° 12' 32.3" W-
		Overall Structure Height	1159.11 feet
		Support Structure Height	1154.84 feet
		Ground Elevation Above Mean Sea Level (AMSL)	971.77 feet
			,

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Nexstar Broadcasting, Inc.
Date Constructed	07/07/2015

### 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
60450	WAMX	FM
65130	WQCW	DTV

# Primary Tower Modification Costs

Tower

Tower

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for undocumented /poorly documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	Major Reinforcements needed

# Primary Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	N/A

Helicopter Services	Are helicopter services required?	No
Required		

Primary	Other Tower Expenses Not Listed	
Tower Description		Description
	Weather Delays, Additional Charges	Weather Delays and Additional Charges

Outside	Section	Question	Response
Professional	Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
		Number of Hours	304
		Explanation	Schedule and coordinate multiple vendors, complete progress reports, and update Schedule 399. Station does not have available personnel or personnel or personnel or personnel trained in project management for such complex projects. Internal accounting and Project management.
	Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
		Prepare engineering section of Form FCC Construction Permit Application	Yes
		For Auxiliary Facility	No
		For Main Facility	Yes
		Prepare engineering section of Form FCC License to Cover Application	Yes
		For Auxiliary Facility	No
		For Main Facility	Yes

	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting	Prepare and file Form FCC Construction Permit Application	Yes
Services	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	No

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

Other Professional Services Expenses Not Listed Professional Services rCostsided.

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

### **Other Expenses Not Listed**

Other	Other Expenses Not Listed		
Expenses	Name	Description	
	Equipment Rentals	Equipment Rentals	

### Transmitters

### Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter VAXTE-3R37	\$364,355.30	\$301,327.80		\$154,827.80	
Transmitter Electrical and Installation	\$37,413.45	\$37,413.45	See GatesAir quote Q- 86099 and Q-87300	\$37,413.45	N/A
Additional Interior RF System	\$56,000.00	\$56,000.00	N/A	N/A	N/A
Transmitter Site Survey	\$7,209.00	\$7,209.00	See GatesAir quote Q- 84615	\$7,209.00	N/A
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$24,300.00	N/A	N/A	N/A
Additional Transmitter Costs	\$17,282.85	\$17,282.85	See GatesAir Change Order Q- 85801	\$17,282.85	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	N/A	N/A
High VHF - Air Cooled Solid State Transmitter 1.1 . 4.4 kW	\$152,500.00	\$92,922.50	See GatesAir quote Q- 84090	\$92,922.50	N/A

Standby Exciter and Switch	\$25,000.00	\$25,000.00	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
Sub-total	\$364,355.30	\$301,327.80	N/A	\$154,827.80	N/A
Total for all systems	\$2,035,602.80	\$2,045,478.10	N/A	\$1,754,740.97	N/A

Actual Information Description	File Name	
Transmitter Electrical and Installation	Component Description:	Transmitter installation additional
	Amount:	electrical services \$2,405.00
	Component Description:	Transmitter electrical and installation
	Amount:	\$35,008.45
Additional Interior RF System	Information not provided.	
Transmitter Site Survey		
	Component Description: Amount:	Transmitter site survey \$7,209.00
Transformer 3 phase/480v - 150 KVA	Information not provided.	

	Component Description:	Additional transmitter costs
	Amount:	\$17,282.85
Switchgear - industrial 800 amp	Information not provided.	
High VHF - Air Cooled Solid State Transmitter 1.1 . 4.4 kW	Component Description:	Transmitter, installment #2; see also Additional
	Amount:	Transmitter Cost \$19,452.27
	Component Description:	Transmitter, installment #1
	Amount:	\$30,974.17
	Component Description:	Transmitter, installment #3;
	Amount:	see also freight \$42,496.06
Standby Exciter and Switch	Information not provided.	
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	

### Antennas

### Cost Information

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

			Estimated		
Description	Predetermined Cost Estimate	Estimated Cost	Cost Justification	Actual Cost	Actual Cost Justification
Interim Antenna TLS-V8BB- R	\$128,580.00	\$115,743.00		\$100,813.00	
Additional Antenna Costs	\$1,750.00	\$1,750.00	See change orders on Dielectric sales order confirmation 1929360	\$1,750.00	N/A
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,260.00	N/A	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$10,313.00	See attached Dielectric quote (700455CMZ- 2)	\$10,313.00	N/A

Elbow complex, broadband, at antenna input, per 3 1/8. feedline (if needed)	\$9,340.00	\$9,340.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,730.00	N/A	\$6,400.00	N/A
High VHF - High Power Side Mount One Station horizontally polarized	\$82,350.00	\$82,350.00	See attached Dielectric quote (700455CMZ- 2)	\$82,350.00	N/A
Primary Antenna THV-9A10 /VP-R O4	\$311,086.00	\$309,894.00		\$309,564.00	
Elbow Kit	\$7,530.00	\$7,530.00	See attached Dielectric quote (DMS163-5)	\$7,530.00	N/A
Extension pole	\$39,306.00	\$39,306.00	See attached Dielectric quote (DMS163-5)	\$39,306.00	N/A
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if	\$9,570.00	\$8,378.00	See attached Dielectric quote (DMS163-5)	\$8,378.00	N/A

Sweep test of existing antenna	\$6,730.00	\$6,730.00	N/A	\$6,400.00	N/A
High VHF - High Power Top Mount One Station elliptically or circularly polarized	\$247,950.00	\$247,950.00	See attached Dielectric quote (DMS163-5) less vpol (\$39,724)	\$247,950.00	N/A
Sub-total	\$439,666.00	\$425,637.00	N/A	\$410,377.00	N/A
Total for all systems	\$2,035,602.80	\$2,045,478.10	N/A	\$1,754,740.97	N/A

Actual Information Description	File Name	
Additional Antenna Costs		
	<b>Component Description:</b>	Additional
		antenna costs
	Amount:	\$1,750.00
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	Component Description:	Mounting brackets,
cost)	Amount:	installment #3 \$1,031.30
	Component Description:	Mounting brackets,
	Amount:	installment #2 \$4,640.85
	Component Description:	Mounting brackets, installment #1
	Amount:	\$4,640.85
Elbow complex, broadband, at antenna input, per 3 1/8. feedline (if needed)	Information not provided.	
Sweep test of existing antenna	Component Description:	Interim antenna
	Amount:	sweep test \$6,400.00
High VHF - High Power Side		
Mount One Station horizontally polarized	Component Description:	Auxiliary antenna, installment #2
	Amount:	\$37,057.50
	Component Description:	Auxiliary antenna, installment #3
	Amount:	\$8,235.00
	Component Description:	Auxiliary antenna, installment #1
	Amount:	installment #1 \$37,057.50

Elbow Kit	Component Description: Amount:	Elbow kit, installment #3 \$753.00
	Component Description: Amount:	Elbow kit, installment #1 \$3,388.50
	Component Description: Amount:	Elbow kit, installment #2 \$3,388.50
Extension pole		
	Component Description: Amount:	Extension pole, installment #3 \$3,930.60
	Amount	\$5,550.00
	Component Description:	Extension pole, installment #1
	Amount:	\$17,687.70
	Component Description:	Extension pole,
		installment #2

Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	Component Description: Amount:	Elbow complex, installment #3 \$837.80	
	Component Description: Amount:	Elbow complex, installment #1 \$3,770.10	
	Component Description: Amount:	Elbow complex, installment #2 \$3,770.10	
Sweep test of existing antenna	Component Description: Amount:	Main antenna sweep test \$6,400.00	
High VHF - High Power Top Mount One Station elliptically or circularly polarized	Component Description: Amount:	Main antenna, installment #3 \$24,795.00	
	Component Description: Amount:	Main antenna, installment #1 \$111,577.50	
	Component Description: Amount:	Main antenna, installment #2 \$111,577.50	

### **Transmission Line**

### Cost Information

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

Description Interim Transmission Line	Predetermined Cost Estimate \$104,000.00	Estimated Cost \$87,400.60	Estimated Cost Justification	Actual Cost \$87,400.60	Actual Cost Justification
Rigid Transmission Line - copper, 3 1/8"	\$104,000.00	\$87,400.60	See attached Dielectric quote (700455CMZ- 2)	\$87,400.60	N/A
Primary Transmission Line	\$180,944.50	\$121,702.70		\$120,851.50	
Additional Transmission Line Components	\$9,124.50	\$9,124.50	See change orders in Dielectric sales order confirmation 1929954	\$9,124.50	N/A
Rigid Transmission Line - copper, 4 1 /16"	\$171,820.00	\$112,578.20	See attached Dielectric quote (DMS163-5)	\$111,727.00	N/A
Sub-total	\$284,944.50	\$209,103.30	N/A	\$208,252.10	N/A
Total for all systems	\$2,035,602.80	\$2,045,478.10	N/A	\$1,754,740.97	N/A

Actual Information	
Description	File Name

Rigid Transmission Line -		
copper, 3 1/8"	Component Description:	Transmission line, installment #2, lines 3 and 6 of
		invoice
	Amount:	\$39,330.27
	Component Description:	Transmission line,
	Amount:	installment #3 \$5,837.86
	Amount.	ψ0,007.00
	Component Description:	Transmission line,
	Amount:	balance due
	Amount.	\$2,902.20
	Component Description:	Transmission line,
		installment #1, lines 3 and 6 of
		invoice
	Amount:	\$39,330.27
Additional Transmission		
Line Components	Component Description:	Additional
		transmission line components
	Amount:	\$7,392.00
	Component Description:	Additional
		transmission line
	A	costs
	Amount:	\$1,155.00
	Component Description:	Additional
		transmission line
	Amount:	component \$577.50
	Amount.	ψυττ.υυ

Component Description: Amount:	Transmission line, installment #4 \$2,282.00
Component Description: Amount:	Transmission line, installment #3 \$7,749.70
Component Description: Amount:	Transmission line, installment #1, lines 5 and 9 of invoice \$50,277.15
Component Description:	Transmission line, installment #2, lines 5 and 9 of invoice
Amount:	\$50,277.15
Component Description: Amount:	Transmission line, installment #5 \$1,141.00
	Amount:   Component Description:   Amount:   Component Description:   Amount:   Component Description:   Amount:   Component Description:

# **Tower Equipment and Rigging Costs**

### Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual C Justifica
Primary Tower TOWER	\$710,985.00	\$878,910.00		\$878,910.00	ouotinou
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$34,625.00	See FDH Infrastructure Quote P18_3695_001A \$15100 and P19_3695_001 \$4500; Precision Addendum to Proposal 20383- 5 \$15025	\$34,625.00	N/A
Tall Tower (greater than 500')	\$210,500.00	\$591,900.00	See Precision quote 20370-5 \$196,800 (interim installation) and 20383-5 \$395,100 (main installation)	\$591,900.00	N/A
Major tower reinforcement /modifications	\$421,000.00	\$199,200.00	See Precision Communications quote 20384-5	\$199,200.00	N/A
Weather Delays, Additional Charges	\$53,185.00	\$53,185.00	See Precision Communications Addendum to Proposal 20370- 5 \$24,000 and Addendum to Proposal 20383- 5 \$29,185	\$53,185.00	N/A
Sub-total	\$710,985.00	\$878,910.00	N/A	\$878,910.00	N/A
Total for all systems	\$2,035,602.80	\$2,045,478.10	N/A	\$1,754,740.97	N/A

### Components

Actual Information Description	File Name	
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	Component Description: Amount:	Tower inspection \$9,600.00
	Component Description:	Structural analysis, installment #2
	Amount:	\$2,250.00
	Component Description: Amount:	Structural analysis, installment #1 \$2,250.00
	Component Description: Amount:	Tower engineering services \$15,025.00
	Component Description: Amount:	Structural analysis \$5,500.00

Tall Tower (greater than		
500')	<b>Component Description:</b>	Main antenna
		installation,
		installment #1
	Amount:	\$263,400.00
	Component Description:	Main antenna
		installation,
	Amount:	installment #2
	Amount.	\$131,700.00
	Component Description	Interim antenna
	Component Description:	installation,
		installment #2
	Amount:	\$65,600.00
	Component Description:	Interim antenna
		installation,
		installment #3
	Amount:	\$65,600.00
	Component Description:	Interim antenna
		installation, installment #1
	Amount:	\$65,600.00
	Amount.	\$03,000.00
Major tower reinforcement		
/modifications	<b>Component Description:</b>	Tower
		modifications,
		installment #1
	Amount:	\$132,800.00
	Component Description:	Tower
		modifications,
		1
	Amount:	installment #2 \$66,400.00

Weather Delays, Additional		
Charges	Component Description:	Interim antenna installation weather delays and additional
	Amount:	charges \$24,000.00
	Component Description:	Main antenna
	Component Description.	installation weather delays and additional charges
	Amount:	\$29,185.00
	Component Description:	Main antenna installation weather delays and additional
	Amount:	charges \$45,310.00
	Component Description:	Interim antenna installation weather delays
	•	and additional charges
	Amount:	\$24,550.00

## **Outside Professional Services**

### Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$116,952.00	\$112,350.00		\$39,898.50	
Project management of the transition	\$48,032.00	\$45,600.00	N/A	\$25,273.50	N/A
Additional Field Engineering Service, 17 Days	\$34,000.00	\$34,000.00	N/A	N/A	N/A
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$2,000.00	N/A	N/A	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	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 - 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	\$1,500.00	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$625.00	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
Sub-total	\$116,952.00	\$112,350.00	N/A	\$39,898.50	N/A
Total for all systems	\$2,035,602.80	\$2,045,478.10	N/A	\$1,754,740.97	N/A

# Components

Actual Information Description	File Name	
Project management of the transition	Component Description: Amount:	Project management services \$1,422.00
	Component Description: Amount:	Project management services \$250.00
	Component Description:	Project Management for
		Management for Structural Analysis and Tower Modifications. Services from June 30, 2018 through July 27, 2018.
	Amount:	\$375.00

Component Description:	Project management services Dec 2019
Amount:	\$100.00
Component Description:	Project management
Amount:	services \$179.00
Component Description:	Project management services 12.1.18 through 1.21.40
Amount:	through 1.31.19 \$450.00
Component Description:	Project management services 09.29.18 through 10.26.18
Amount:	\$600.00
Component Description:	Project management services 3.30.19 through 4.26.19
Amount:	\$150.00
Component Description:	Project management services March 2019
Amount:	\$214.50
Component Description:	Project management services
Amount:	\$1,967.00

Component Description: Amount:	Project management services \$4,467.00
Component Description: Amount:	Project management services 3.2.19 through 3.29.19 \$150.00
Component Description: Amount:	Project management services \$1,364.00
Component Description: Amount:	Project management services \$3,660.00
Component Description: Amount:	Project management services \$250.00
Component Description: Amount:	Project management services \$150.00
Component Description: Amount:	Project management services \$237.00

Component Description: Amount:	Project management services Mar 2020 \$105.00
Component Description: Amount:	Project management services \$2,025.00
Component Description:	Project management services
Component Description:	\$1,869.00 Vendor has issued a revised invoice.
Amount: Component Description:	(\$1,000.00) Project management
Amount: Component Description:	services \$1,869.00 Project
Amount:	management services 6.1.19 through 6.28.19 \$75.00
Component Description: Amount:	Project Management for Structural Analysis and Tower Modifications. Services from July 1, 2017 through July 28, 2017. \$1,000.00
	Amount:   Component Description:   Amount:   Component Description:

Component Description: Amount:	Project management services April 2019 \$45.50
Component Description:	Project Management for Structural Analysis and Tower Modifications including consultants Kessler and Gehman Associates. Services from October 27, 2017 through December 31, 2017. \$300.00
Component Description:	Project management services 2.1.19 through 3.1.19
Amount: Component Description:	\$225.00 Project management
Amount:	services 10.27.18 through 11.30.18 \$700.00
Component Description:	Project management services 7.28.18 through 9.28.18
Amount:	\$1,575.00

Component Description:	Project Management for Structural Analysis and Tower Modifications. Services from January 1, 2018 through January 26, 2018.
Amount:	\$750.00
Component Description:	Project management services
Amount:	\$250.00
Component Description:	Project management services February 2019
Amount:	\$123.50
Component Description:	Project management services
Amount:	\$150.00
Component Description:	Project management services 5/26/18 through 6/29/18 including Form 387 transition plan progress report
Amount:	\$270.00
Component Description:	Project management services 4.27.19 through 5.31.19
Amount:	\$300.00

	Component Description: Amount:	Prepare FCC Schedule 387, iter 5 from invoice summary. \$300.00
	Component Description: Amount:	Vendor has issued a revised invoice. (\$300.00)
	Component Description: Amount:	Project management services, item 1 from invoice summary \$525.00
Additional Field Engineering Service, 17 Days	Information not provided.	
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.	
ASR modification (prepare FCC Form 854)	Information not provided.	
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.	
Attorney Fees -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	Component Description: Amount:	Prepare STA \$1,500.00
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Component Description: Amount:	Prepare License to Cover Application \$625.00
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description: Amount:	Prepare engineering section of Construction Permit Application \$3,000.00
	Component Description: Amount:	Prepare engineering section of FCC Form 2100, item 4 from invoice summary. \$3,000.00
	Component Description: Amount:	Vendor has issued a revised invoice. (\$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
	Component Description: Amount:	Perform engineering study for new channel assignment and antenna development \$7,000.00
	Component Description: Amount:	Vendor has issued a revised invoice. (\$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:	Vendor has issued a revised invoice. (\$2,500.00)
	Component Description:	Per KGA invoice 918-46 and related Service Order Agreement for these services.
	Amount:	\$2,500.00
	Component Description:	Prepare reimbursement form, item 2 from invoice summary.
	Amount:	\$2,500.00

## **Other Expenses**

## Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$118,700.00	\$118,150.00		\$62,475.57	
Equipment Rentals	\$1,650.00	\$1,650.00	Equipment rentals assessed by Tower company. See Addendum to Proposal 20370-5 and 20383- 5	\$1,650.00	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$25,000.00	\$25,000.00	N/A	\$25,000.00	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$2,560.00	N/A
Equipment Storage	\$25,000.00	\$25,000.00	N/A	\$10,245.00	N/A
Equipment Delivery and Handling Charges	\$25,000.00	\$25,000.00	N/A	\$23,020.57	N/A
Non-zoning permits	\$25,000.00	\$25,000.00	N/A	N/A	N/A

Develop and air announcement of upcoming channel change	\$3,500.00	\$3,500.00	N/A	N/A	N/A
MVPD Notification of Channel Change	\$2,000.00	\$2,000.00	N/A	N/A	N/A
Sub-total	\$118,700.00	\$118,150.00	N/A	\$62,475.57	N/A
Total for all systems	\$2,035,602.80	\$2,045,478.10	N/A	\$1,754,740.97	N/A

## Components

Actual Information Description	File Name	
Equipment Rentals	Component Description: Amount:	Equipment rental \$1,100.00
	Component Description: Amount:	Equipment rental \$550.00
Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description:	Transmitter site work for removal of filters, combiners, RF System, waveguide, dummy loads with quote. \$25,000.00
DTV Medical Facility Notification	Component Description: Amount:	Notification of medical facilities \$2,560.00

Equipment Storage	Component Description: Amount: Component Description: Amount:	Interim antenna storage cost \$1,595.00 Main antenna storage cost \$8,650.00
Equipment Delivery and Handling Charges	Component Description: Amount:	Transmitter freight \$2,573.22
	Component Description: Amount:	Main antenna shipping costs \$4,446.61
	Component Description: Amount:	Main antenna shipping cost \$1,106.62
	Component Description: Amount:	Interim antenna freight cost \$4,320.00
	Component Description: Amount:	Main antenna freight cost \$7,371.44
	Component Description: Amount:	Main antenna shipping cost \$787.81
	Component Description: Amount:	Interim antenna shipping costs \$2,414.87

Non-zoning permits	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	\$2,035,602.80	\$2,045,478.10	\$1,754,740.97	

Reimbursem	entestiatus	Response
	The facility has ceased operating on its pre- auction channel.	Yes
	Construction of final facilities or all necessary modifications are complete.	No
	All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator.	No

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.	
		<ol> <li>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.</li> <li>The above-named</li> </ol>	
		entity acknowledges that all certifications and attached documentation are considered material representations.	
		3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.	

- 4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
- 7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.	
I declare, under penalty of perjury, that I am an authorized representative of the above- named applicant for the Authorization(s) specified above.	Elizabeth Ryder General Counsel
	07/09/2021

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).	
		<ol> <li>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.</li> </ol>	
		2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.	
		3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.	

- 4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
- 5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster **Relocation Fund are** necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

I declare, under penalty of perjury, that I am an authorized representative of the above- named applicant for the Authorization(s) specified above.		The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.	
	an au name	thorized representative of the above- d applicant for the Authorization(s)	Ryder

# Attachments