

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID: File Number:	29557 000002	Service: DTV 8271	Call Sign:	KNWA-TV	Channel: 33 (UHF)
FRN: 00	09961889	Date	09/27		
		Submitted:	/2021		

Applicant Name, Type, and Contact Information

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 Contac	t 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.	Νο
	Briefly describe transition plan	Replace transmitter, antenna and transmission. Acquire interim antenna system during construction and duration of the assigned phase. Map and analyze tower; design and implement modifications if required. See attached.

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

Primary	Existing Transmitter Infor	mation				
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	DCX Millenium			
		Year	2007			
		Туре	Inductive Output Tube			
		IOT Power Type	Two			
		Power Capacity	47.8 kW			

Existing Transmitter Information

Primary	New Transmitter Costs		
Transmitter	Section	Question	ResponsePrimary (Main)Purchase NewYesYesTHU9EVO- 36Solid StateLiquid CooledS5 kWCurrent transmitter is not retunable. The requested price is a
	New Transmitter	Use	-
		Change Type	Primary (Main)Purchase NewYesTHU9EVO- 36Solid StateLiquid Cooled55 kWCurrent transmitter is not retunable. The
		Is this a request for upgraded equipment?	Yes
		Manufacturer	
		Model	
		Transmitter Type	Solid State
		Solid State Cooling	
		Solid State Power capacity	55 kW
		Justification for New Transmitter	transmitter is not retunable. The requested reimbursed

ponse			
6			
6			
) kVA			
6			

	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 Name

ər	Name	Description
	Interim Transmitter Costs	Interim Transmitter Costs
	Additional Transmitter Costs	Additional Transmitter Costs
	Retune Transmitter	Retune Transmitter
	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	Mounting	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Horizontal	
		Туре	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- 26GTH04
Year	2007

Antenna	Section	Question	Response
	New Antenna	Use	Primary (Main
	Description	Description of Use	N/A
		Change Type	Purchase Nev
		Is this a request for upgraded equipment?	Yes
		Ownership	Owned
		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		Full Power
	Manufacturer and Typ	Mounting	Side Mount
		Antenna position in stack	Not in Stack
		Polarization	Elliptical
		Туре	Slotted Coaxial
		Number of Stations Supported	N/A
		Number of Panels/Bays	N/A
		Lower Limit	N/A
		Upper Limit	N/A
		Design power capacity in use	N/A
		Other Antenna Type	N/A
		ERP: (Effective Radiated Power)	820.0 kW
		Manufacturer	
		Model	TFU-25JSC /VP-R 04

Year	2018
Justification for New Antenna	The existing primary antenna is a single channel slotted coaxial 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	6 1/8 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	Yes
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes

Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes
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Primary	Other Antenna Cost Not Listed		
Antenna	Name	Description	
	Additional Antenna Costs	Additional Antenna Costs	

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?	No		
		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	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-16WB C160		
		Year	2018		

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

Interim Other Antenna Costs

Antenna

Section	Question	Response
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	S
	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 Other Antenna Cost Not Listed

Antenna Information not provided.

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

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	550 feet per run

Primary Existing Transmission Line

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	6 1/8 inches
		Other Diameter	N/A
		Segment Length	19 1/2 inches
		Other Segment Length	N/A
		Number of parallel runs	1
		Length	550 feet per run
		Justification for New Transmission Line	The existing primary transmission line is rigid with 20' section lengths that cannot accommodate the assigned channel.

Primary Other Transmission Line Expenses Not Listed

Transmission to me tion not provided.

Interim	New Transmission Line			
Transmissio	Section	Question	Response	
	New Transmission Line Costs	Use	Interim	
		Description of Use	N/A	
		Change Type	Purchase New	
		Туре	Rigid	
		Diameter	6 1/8 inches	
		Segment Length	19 ½ '	
		Other Segment Length		
		Number of parallel runs	1	
		Length	450 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. Station will attempt to rent if renting is available at time of acquisition.	

Other Transmission Line Expenses Not Listed

Transmission Line		Description	
	Transmission Line Additional Parts	Transmission Line Additional Parts	

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

Existing Tower

Primary	Existing Tower			
Tower	Section	Question	Response	
	Existing Tower	Type of change	Modify Existing	
	Description	Tower Use	Primary (Main)	
		Description of Use	N/A	
		Ownership	Leased	
		Is this tower consider Complex?	No	
		Is this tower currently shared with any other stations?	No	
		One or more FM, AM or TV radio broadcaster(s)	N/A	
		Others Types of Users	N/A	
		Is tower documented for structural analysis?	No	
		Is tower compliant with Rev G?	No	
	Existing Tower	Do you have a tower registration number?	Yes	
	Structure Registration	ASR Number	1238430	
	Coordinates (NAD83 (Latitude (NAD83)	36° 24' 48.0" N-	
	North American Datum of 1983))	Longitude (NAD83)	093° 57' 17.4" W-	
		Overall Structure Height	505.90 feet	
		Support Structure Height	499.99 feet	
		Ground Elevation Above Mean Sea Level (AMSL)	1679.77 feet	

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Arklahoma Broadcast & Communiaction Towers, LLC
Date Constructed	06/27/2004

adifi То 8.4 - ---..... _ Primary

Tower	

ower	Mod	ificatioi	n Costs

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

Tower Rigging Costs Primarv

Tower	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		
	Name	Description	
	Additional work on Interim Antenna	Addendum to Proposal 18815-6 additional work on Interim Antenna See Addendum From Precision Communications Inc.	

Weather Delays	Weather Delays
Additional Weather Delays	Additional Weather Delays. Please see Precision Communications Addendum & Addendum #2 to Proposal # 19308-6 Attached.

Outside	Section	Question	Response
Professional	Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
		Number of Hours	268
		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	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	Yes
Number of Days	14
Justification	It will be necessary to survey the site, plan the equipment, develop specifications for purchasing, and oversee multiple vendor RF projects. Station does not have available personnel or personnel trained in such services.

Other Professional Services Expenses Not Listed Professional Services rCostsided.

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

Other Expenses Not Listed

Other Expenses

Name	Description	
Sales Taxes	Sales and use tax on goods and services	
Equipment Rental	Equipment Rental	

Transmitters

Cost Information

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

	Predetermined	Estimated	Estimated Cost		Actual Cos
Description	Cost Estimate	Cost	Justification	Actual Cost	Justificatio
Primary Transmitter THU9EVO-36	\$2,049,600.00	\$1,646,070.00		\$1,312,747.84	
Interim Transmitter Costs	\$23,000.00	\$23,000.00	Estimated costs to relocate and utilize interim transmitter while new transmitter is being installed. Transmitter building does not have enough room for both old and new transmitters, so old transmitter must be removed and interim used during install.	\$22,745.84	N/A
Additional Transmitter Costs	\$7,000.00	\$7,000.00	See R&S quote 166892.3 and Dielectric channel filter kit orders	\$6,182.00	N/A
Retune Transmitter	\$11,400.00	\$11,400.00	See Land Communications estimate 1018 to retune transmitter to post repack channel.	\$11,400.00	N/A
Additional Interior RF System	\$140,000.00	\$140,000.00	N/A	N/A	N/A

3" Rigid Conduit and Wiring (Cost per foot)	\$5,200.00	\$4,900.00	N/A	\$4,900.00	N/A
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$35,000.00	N/A	\$35,000.00	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	\$10,100.00	N/A
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	\$1,788,000.00	\$1,388,470.00	See attached Comark reference price for a 2 tube IOT.	\$1,222,420.00	N/A
Sub-total	\$2,049,600.00	\$1,646,070.00	N/A	\$1,312,747.84	N/A
Total for all systems	\$3,926,119.80	\$3,420,722.30	N/A	\$2,844,838.77	N/A

Components

Actual Information	
Description	File Name

	Component Description:	Channel filter to retune interim
		transmitter
	Amount:	\$350.00
	Component Description:	Costs to relocate interim transmitter
	Amount:	to KNWA site. \$7,719.84
	Component Description:	Disconnect electrical for interim transmitter
	Amount:	relocation \$1,200.00
	Component Description:	Concrete pad for
	Amount:	interim transmitter \$5,800.00
	Component Description:	Electrical for
	Amount:	interim transmitter \$7,676.00
Additional Transmitter Costs		
	Component Description: Amount:	Channel filter kit N/A
	Component Description:	Additional transmitter
		components
	Amount:	\$6,182.00
	Component Description:	Channel filter kit

	Component Description:	Re-tune transmitter
	Amount:	\$11,400.00
Additional Interior RF System	Information not provided.	
3" Rigid Conduit and Wiring		
(Cost per foot)	Component Description:	Transmitter
		electrical servic
	Amount:	\$4,900.00
Transformer 3 phase/480v -		
300 KVA	Component Description:	Transmitter
		electrical servic
	Amount:	\$35,000.00
Switchgear - industrial 800		
amp	Component Description:	Transmitter
		electrical servic
	Amount:	\$10,100.00

UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	Component Description: Amount:	Balance due on concrete pad; see also sales tax \$15,115.00
	Component Description: Amount:	Transmitter, installment #2 \$588,630.00
	Component Description: Amount:	Additional transmitter parts \$17,490.00
	Component Description: Amount:	Transmitter, installment #1 \$294,315.00
	Component Description: Amount:	Transmitter, installment #3 \$294,315.00
	Component Description:	Concrete Pad/Ice Shield installment #1; see also sales
	Amount:	tax \$12,555.00

Antennas

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Antenna TFU-16WB C160	\$149,365.00	\$147,025.00		\$108,325.00	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$22,000.00	N/A	N/A	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$11,700.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A

UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, horizontally polarized	\$101,925.00	\$101,925.00	Used High Power Top Mount for budget because side mount is only rated for 500 kW; cost revised down from 235,000 to 101,925 per Rohde & Schwarz quote 700420CMZ- 1	\$101,925.00	N/A
Primary Antenna TFU-25JSC /VP-R 04	\$192,650.00	\$190,873.00		\$185,873.00	
Additional Antenna Costs	\$910.00	\$910.00	See Dielectric order confirmation 1696595	\$910.00	N/A
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna	\$23,150.00	\$18,713.00	Cost revised down from 22,000 to 18,713 per Dielectric quote DMS122-3 attached.	\$18,713.00	N/A

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$9,150.00	Cost revised down from 11,700 to 9,150 per Dielectric quote DMS122-3 attached.	\$9,150.00	N/A
Sweep test of existing antenna	\$6,730.00	\$12,800.00	Sweep test for feasibility of existing transmission line and sweep test of main antenna after installation	\$12,800.00	N/A
UHF - High Power, Side Mount, basic slot antenna, 820 kW input, elliptically or circularly polarized	\$144,300.00	\$144,300.00	Upgrade cost 164,925, less VPOL (20,625) for cost 144,300. See Dielectric quote DMS122-3 attached.	\$144,300.00	N/A
Sub-total	\$342,015.00	\$337,898.00	N/A	\$294,198.00	N/A
Total for all systems	\$3,926,119.80	\$3,420,722.30	N/A	\$2,844,838.77	N/A

Components

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

Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.	
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.	
Sweep test of existing antenna	Component Description:	Interim antenna sweep test
	Amount:	\$6,400.00
UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, horizontally polarized	Component Description:	Aux antenna, line 1 of invoice, installment #2
	Amount:	\$45,866.25
	Component Description:	Antenna, line 1 o invoice, installment #1
	Amount:	\$45,866.25
	Component Description:	Aux antenna, remaining 10% due
	Amount:	\$10,192.50
Additional Antenna Costs		
	Component Description:	Additional antenna component
	Amount:	\$910.00
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 cost)	Component Description:	Side Mount brackets, line 3 of
	Amount:	invoice, installment #1 \$8,420.85
	Component Description:	Side mount brackets, balance
	Amount:	due \$1,871.30
	Component Description:	Side mount brackets, line 3 of invoice,
	Amount:	installment #2 \$8,420.85
Elbow complex, single channel, at antenna input,	Component Description:	Elbow complex,
per 6 1/8. feedline (if needed)	Amount:	balance due \$915.00
	Component Description:	Elbow Complex, line 4 of invoice, installment #1
	Amount:	\$4,117.50
	Component Description:	Elbow complex, line 4 of invoice,
		installment #2

Sweep test of existing antenna	Component Description: Amount:	Main antenna sweep test \$6,400.00
	Component Description: Amount:	Sweep test \$6,400.00
UHF - High Power, Side Mount, basic slot antenna, 820 kW input, elliptically or circularly polarized	Component Description: Amount:	Antenna, installment #4 \$11,426.00
	Component Description: Amount:	Antenna, installment #3 \$1,285.00
	Component Description: Amount:	Main antenna, line 1 of invoice, installment #2 \$64,935.00
	Component Description: Amount:	Antenna, line 1 of invoice, installment #1 \$64,935.00
	Component Description: Amount:	Antenna, balance due \$1,719.00

Transmission Line

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmission Line	\$96,204.55	\$84,443.05		\$84,443.05	
Transmission Line Additional Parts	\$5,304.55	\$5,304.55	See Dielectric quote 900002CMZ- 1	\$5,304.55	N/A
Rigid Transmission Line - copper, 6 1/8"	\$90,900.00	\$79,138.50	See Dielectric quotes 700420CMZ- 1 attached.	\$79,138.50	N/A
Primary Transmission Line	\$111,100.00	\$105,600.00		\$3,995.00	
Rigid Transmission Line - copper, 6 1/8"	\$111,100.00	\$105,600.00	N/A	\$3,995.00	N/A
Sub-total	\$207,304.55	\$190,043.05	N/A	\$88,438.05	N/A
Total for all systems	\$3,926,119.80	\$3,420,722.30	N/A	\$2,844,838.77	N/A

Actual Information	
Description	File Name

Transmission Line Additional Parts	Component Description:	Additional transmission line pieces for aux
	Amount:	antenna \$3,554.55
	Component Description:	Additional transmission line parts for aux antenna
	Amount:	\$1,750.00
Rigid Transmission Line - copper, 6 1/8"		
0000001, 0 170	Component Description:	Transmission line, remaining 10% due
	Amount:	\$7,913.84
	Component Description:	Transmission line, line 2 of invoice, installment #2
	Amount:	\$35,612.33
	Component Description:	Transmission line, line 2 of invoice, installment #1
	Amount:	\$35,612.33

Rigid Transmission Line - copper, 6 1/8"	Component Description: Amount:	Transmission line, installment #3 \$399.50
	Component Description:	Transmission line, lines 5-6 of invoice, installment #1
	Amount:	\$1,797.75
	Component Description:	Transmission line, lines 5-6 of invoice,
	Amount:	installment #2 \$1,797.75

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	\$916,596.25	\$837,636.25		\$835,861.25	
Weather Delays	\$22,400.00	\$22,400.00	Weathers delays due to rain, ice and high winds	\$22,400.00	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$30,000.00	Additional construction design required	\$28,225.00	N/A
Additional work on Interim Antenna	\$25,531.25	\$25,531.25	Addendum to Proposal 18815- 6 additional work on Interim Antenna See Attached Addendum From Precision Communications Inc.	\$25,531.25	N/A

Tall Tower (greater than 500')	\$210,500.00	\$162,165.00	See PCI quotes 18813-6 Interim Antenna installation \$59,600; 18814- 6 Main Antenna installation \$49,700; 18815- 6 Interim Antenna removal \$47,150; 19334- 6 Transmission line adj \$5715	\$162,165.00	N/A
Major tower reinforcement /modifications	\$421,000.00	\$386,675.00	See PCI proposals 18812-6 \$163,750 and 19308-6 \$209,500 and taxes applied	\$386,675.00	N/A
Additional Weather Delays	\$210,865.00	\$210,865.00	Additional Weather Delays. Please see Precision Communications Addendum & Addendum #2 to Proposal # 19308-6 Attached.	\$210,865.00	N/A
Sub-total	\$916,596.25	\$837,636.25	N/A	\$835,861.25	N/A
Total for all systems	\$3,926,119.80	\$3,420,722.30	N/A	\$2,844,838.77	N/A

Actual Information Description	File Name	
Weather Delays		
	Component Description:	Delays due to rain, ice and high winds.
	Amount:	\$22,400.00

Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	Component Description: Amount:	Tower Modification Design \$7,750.00
	Component Description:	Structural analysis and Tower Mapping
	Amount:	\$9,000.00
	Component Description:	Modification Design Services
	Amount:	\$11,475.00
Additional work on Interim Antenna	Component Description:	Additional interim
		antenna work
	Amount:	\$25,531.25
Tall Tower (greater than 500')		
,	Component Description:	Main antenna installation,
		installment #2
	Amount:	\$16,570.00
	Component Description:	Interim antenna
		removal, installment #2
	Amount:	\$15,720.00
	Component Description:	Transmission line adjustment
	Amount:	\$5,715.00
	Component Description:	Interim antenna removal,
	Amount:	installment #1 \$31,430.00

Component Description: Amount:	Main antenna installation, installment #1 \$33,130.00
Component Description: Amount:	Interim antenna installation, amounts due on crew arrival and completion; see also freight and sales tax \$39,735.00
Component Description: Amount:	Transmission line adjustment \$5,715.00
Component Description:	Interim antenna installation, installment #1; see also sales tax
Amount:	\$19,865.00

/modifications	Component Description: Amount:	Additional towe modifications, installment #3 \$69,840.00
	Component Description:	Additional towe modifications, installment #2
	Amount:	\$69,830.00
	Component Description:	Tower modifications, installment #2
	Amount:	\$54,580.00
	Component Description:	Tower modifications, installment #1
	Amount:	\$58,673.50
	Component Description:	Tower modifications, installment #3
	Amount:	\$58,684.25
	Component Description:	Additional towe modifications, installment #1
	Amount:	\$75,067.25

Additional Weather Delays		
	Component Description: Amount:	Additional tower modifications weather days \$9,100.00
	Component Description: Amount:	Weather delays and additional work \$201,765.00

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	\$101,054.00	\$100,075.00		\$45,259.50	
Additional Field Engineering Service, 14 Days	\$28,000.00	\$28,000.00	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	\$0.00	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	\$4,625.00	Additional STAs required; see detail explanations on invoices	\$4,625.00	N/A

Total for all systems	\$3,926,119.80	\$3,420,722.30	N/A	\$2,844,838.77	N/A
Sub-total	\$101,054.00	\$100,075.00	N/A	\$45,259.50	N/A
Project management of the transition	\$42,344.00	\$40,200.00	N/A	\$27,509.50	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$2,500.00	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
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$7,000.00	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
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$625.00	N/A

Actual Information Description	File Name	
Additional Field Engineering Service, 14 Days	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:	Prepare request fo Special Temporary Authorization- Item no. 3 of invoice
	Amount:	summary. \$1,500.00
	Component Description:	Prepare STA Extension
	Amount:	\$125.00
	Component Description:	Amendment to pending Post Transition STA
	Amount:	\$1,500.00
	Component Description:	Amendment to pending STA
	Amount:	\$1,500.00

section of	ngineering FCC Form 2100 cense to Cover n	Component Description: Amount:	Prepare License to Cover Application \$625.00
section of	ngineering FCC Form 2100 onstruction Permit n	Component Description: Amount:	Prepare Engineering Section of FCC Form 2100, item 4 from invoice summary \$3,000.00
for new ch	nt and antenna	Component Description: Amount:	Perform Engineering Study for New Channel Assignment, item 3 from invoice summary \$7,000.00
and coord	ransition timing lination issues w/ ons and wireless	Information not provided.	
	nd or review ment form	Component Description: Amount:	Prepare reimbursement form, item 2 from invoice summary \$2,500.00
Project matrix	anagement of the	Component Description: Amount:	Project management services \$375.00

Component Description: Amount:	Professional management services 12.1.18 through 12.31.18 \$150.00
Component Description: Amount:	Prepare FCC Schedule 387, item 6 from invoice summary \$150.00
Component Description: Amount:	Project management services Feb 2020 \$50.00
Component Description: Amount:	Project management services Jul 2020 \$125.00
Component Description: Amount:	Project management services \$316.00
Component Description: Amount:	Project management services Oct 2019 \$130.00
Component Description: Amount:	Project management services Jul 2019 \$1,040.00

Component Description: Amount:	Project management services \$150.00
Component Description: Amount:	Project management services Jun 2019 \$195.00
Component Description:	Project management services March
Amount:	2019 \$338.00
Component Description: Amount:	Project management services May 2019 \$162.50
Component Description:	Project management
Amount:	services \$1,352.00
Component Description: Amount:	Project management services \$6,212.50
Component Description:	Project management services January
Amount:	2019 \$65.00

Component Description: Amount:	Project management services, items 1 and 2 from invoice summary \$779.00
Component Description: Amount:	Prepare FCC Schedule 387, item 5 from invoice summary \$300.00
Component Description: Amount:	Vendor has issued a revised invoice (\$225.00)
Component Description: Amount:	Project management services \$1,335.00
Component Description: Amount:	Project management services 10.27.18 through 11.30.18 \$1,875.00
Component Description: Amount:	Project management services, item 7 from invoice summary \$820.00
Component Description: Amount:	FCC Transition study and design \$13,500.00

Component Description: Amount:	Project management services 3.30.19 through 4.26.19 \$375.00
Component Description: Amount:	Project management services Feb 2019 \$91.00
Component Description: Amount:	Project management services 6.30.18 through 7.27.18 \$150.00
Component Description: Amount:	Project management services Mar 2020 \$100.00
Component Description: Amount:	Project management services 1.1.19 through 1.31.19 - items 1, 2 and 4 of invoice summary \$750.00

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:	\$450.00
Component Description: Amount:	Project management services March 2019 \$610.00
Component Description: Amount:	Project management services April 2019 \$170.00
Component Description: Amount:	Project management services Feb 2019 \$245.00
Component Description: Amount:	Vendor has issued a revised invoice (\$1,237.50)
Component Description: Amount:	Project management services Aug 2018 \$150.00

Component Description: Amount:	Project management services Sep 2018 \$75.00
Component Description: Amount:	FCC Transition study and design \$1,237.50
Component Description: Amount:	Project management services, item 1 from invoice summary \$5,325.00
Component Description: Amount:	Project management services 9.29.18 through 10.26.18 \$225.00
Component Description: Amount:	Project management services Jan 2019 \$270.00
Component Description: Amount:	Project management services 5.26.18 through 6.29.18 \$825.00
Component Description: Amount:	Project management services Apr 2019 \$253.50

Component Description: Amount:	Project management services 3.2.19 through 3.29.19 \$1,050.00
Component Description: Amount:	FCC Transition study and design \$1,822.73
Component Description: Amount:	FCC Transition study and design \$225.00
Component Description: Amount:	Project management services May 2019 \$50.00
Component Description: Amount:	Project management services Dec 2018 \$150.00
Component Description: Amount:	Project management services Oct 2018 \$125.00
Component Description: Amount:	Project management services \$316.00

Component Description:	Project
	management
	services 7.28.18
	through 9.28.18
Amount:	\$525.00

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	\$309,550.00	\$309,000.00		\$268,334.13	
Equipment Rental	\$16,500.00	\$16,500.00	Equipment needed for installations	\$16,195.18	N/A
Sales Taxes	\$176,000.00	\$176,000.00	Sales and use tax for goods and services using AR state and local rates. See related invoices.	\$175,320.89	N/A
MVPD Notification of Channel Change	\$2,000.00	\$2,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	\$3,500.00	\$3,500.00	N/A	N/A	N/A
Equipment Storage	\$30,000.00	\$30,000.00	See related invoices	\$29,650.00	N/A
Equipment Delivery and Handling Charges	\$20,000.00	\$20,000.00	See related invoices	\$19,772.06	N/A

Disposal Costs (for equipment and other waste, net of any salvage value)	\$25,000.00	\$25,000.00	N/A	\$24,500.00	N/A
Non-zoning permits	\$25,000.00	\$25,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$2,896.00	N/A
Sub-total	\$309,550.00	\$309,000.00	N/A	\$268,334.13	N/A
Total for all systems	\$3,926,119.80	\$3,420,722.30	N/A	\$2,844,838.77	N/A

Actual Information Description	File Name	
Equipment Rental		
	Component Description: Amount:	Equipment rental \$750.00
	Component Description: Amount:	Equipment rentals \$13,500.00
	Component Description: Amount:	Rollback truck rental \$195.18
	Component Description: Amount:	Dumpster rental \$1,750.00
Sales Taxes		
	Component Description: Amount:	Sales tax due on additional interim antenna work \$1,914.84

Component Description: Amount:	Sales tax on additional tower modifications, installment #3 \$5,238.00
Component Description: Amount:	Sales tax on weather days and equipment rental \$738.75
Component Description: Amount:	KNWA Arkansas Sales and Use Tax \$27,817.00
Component Description: Amount:	Sales tax on main antenna installation, installment #2 \$1,242.75
Component Description: Amount:	Sales tax on concrete pad \$1,133.62
Component Description:	Sales tax on interim antenna removal, installment #2
Amount:	\$1,179.00
Component Description: Amount:	Sales tax on transmitter storage \$1,516.13

Component Description: Amount:	Sales tax on additional tower modifications, installment #2 \$5,237.25
Component Description: Amount:	Sales tax on interim antenna removal, installment #1 \$2,357.25
Component Description: Amount:	Sales tax on additional transmitter components \$525.47
Component Description: Amount:	Taxes due on materials and services \$1,694.64
Component Description: Amount:	Sales tax on additional transmitter parts \$1,486.66
Component Description: Amount:	Sales tax on interim antenna installation materials, installment #1 \$1,489.88

Component Description: Amount:	Sales tax on materials for Concrete Paid/Ice Shield installment #1 \$941.63
Component Description: Amount:	Interim antenna installation, sales tax on materials and labor \$2,985.07
Component Description: Amount:	Sales tax related to tower modifications \$4,093.50
Component Description: Amount:	Sales tax due on transmitter \$94,602.87
Component Description:	Sales tax on main antenna installation, installment #1
Amount:	\$2,484.75
Component Description: Amount:	Sales tax on weather delays and additional work \$16,213.20
Component Description: Amount:	Sales tax on transmission line adjustment \$428.63

	Component Description: Amount:	Tax on transmission line adjustment \$428.63
MVPD Notification of Channel Change	Information not provided.	
Develop and air announcement of upcoming channel change	Information not provided.	
Equipment Storage	Component Description: Amount:	Transmitter storage \$15,550.00
	Component Description: Amount:	Main antenna storage \$14,100.00
Equipment Delivery and Handling Charges	Component Description: Amount:	Tower modification materials freight \$911.02
	Component Description: Amount:	Transmission line shipping cost \$1,256.39
	Component Description: Amount:	Interim antenna shipping cost \$394.58
	Component Description: Amount:	Antenna shipping cost \$560.07

	Component Description: Amount:	Auxiliary antenna freight costs \$2,608.77
	Component Description: Amount:	Freight on channel filter kit \$101.05
	Component Description: Amount:	Interim antenna installation, freight on materials \$65.96
	Component Description: Amount:	Aux Antenna freight charges \$394.58
	Component Description: Amount:	Main antenna freight cost \$7,225.47
	Component Description: Amount:	Auxiliary antenna freight costs \$6,648.75
Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description: Amount:	Disposal services \$12,500.00
	Component Description: Amount:	Disposal services \$12,000.00
Non-zoning permits	Information not provided.	

DTV Medical Facility		
Notification	Component Description:	Notification of
		Medical Facilities
	Amount:	\$2,896.00

Cost	Grand Total			
Information		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$3,926,119.80	\$3,420,722.30	\$2,844,838.77

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

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.	
		 The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. The above-named 	
		entity acknowledges that all certifications and attached documentation are considered material representations.	
		3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.	

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

with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.	
I declare, under penalty of perjury, that I am an authorized representative of the above- named applicant for the Authorization(s) specified above.	Elizabeth Ryder General Counsel
	09/27/2021

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).	
		 The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 	
		2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.	
		3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.	

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

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		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