

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID: File Number:	11260 000002	Service: DTV 8757	Call Sign:	WIVT	Channel: 27 (UHF)
FRN: 0009	961889	Date Submitted:	10/08 /2021		

Applicant Name, Type, and Contact Information

Information

Applicant Ad	Idress	Phone	Email	Applicant Type
Media Inc. 54 CA SU IR	izabeth Ryder 15 E. JOHN ARPENTER FREEWAY JITE 700 VING, TX 75062 hited States	+1 (972) 373-8800	eryder@nexstar. tv	Corporation

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information	Preparer Contact Name and Information			
	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.	No
	Briefly describe transition plan	See Attached Transition Plan

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

Auxiliary	Add Transmitter Information			
Transmitter	Section	Question	Response	
	Existing Transmitter Description	Type of change	Purchase New	
		Use	Auxiliary (Backup)	
		Description of Use	Backup	
		Ownership	Owned	
		Owner	N/A	
		Site	N/A	
		Is this transmitter currently shared with another station?	Yes	
		Is this transmitter currently in operating condition?	Yes	
	Existing Transmitter	Manufacturer		
	Manufacturer and Type	Model	UNKNOWN	
		Year	2000	
		Туре	Solid State	
		Solid State Cooling	Air Cooled	
		Solid State Power Capacity	.15 kW	

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

Add Transmitter Information

Facility ID	Call Sign
15569	WBGH-CD

Auxiliary	New Transmitter Costs			
Transmitter	Section	Question	Response	
	New Transmitter	Use	Auxiliary (Backup)	
		Change Type	Purchase New	
		Is this a request for upgraded equipment?	No	
		Manufacturer		
		Model	UAXTE-1	
		Transmitter Type	Solid State	
		Solid State Cooling	Air Cooled	
		Solid State Power capacity	.5 kW	
		Justification for New Transmitter	Existing transmitter cannot be converted to repacked channel per manufacturer.	

Auxiliary	Other Transmitter Costs			
Transmitter	Section	Question	Response	
	Electrical Service	Service Entrance (3 phases 800A 208V)	No	
		Switchgear (industrial 800 amp)	No	
		Transformer (480V)	No	
		Power	N/A	
		Rigid Conduit and Wiring	Yes	
		Size	1 inches	
		Length	75.0 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

Other Transmitter Cost Not Listed

AuxiliaryOther Transmitter CoTransmitterInformation not provided.

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	Quantum QXD	
		Year	2009	
		Туре	Inductive Output Tube	
		IOT Power Type	Two	
		Power Capacity	40 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?	Yes	
		Manufacturer		
		Model	THU9evo-6 9.8 kW ATSC / 9 kW OFDM	
		Transmitter Type	Solid State	
		Solid State Cooling	Liquid Cooled	
		Solid State Power capacity	12.9 kW	
		Justification for New Transmitter	Existing transmitter cannot be converted to repacked channel and manufacturer is no longer in business.	

Other Transmitter Costs

Primary	Other Transmitter Costs			
Transmitter	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
	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

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Transmitter	Name	Description		
	Larger Transmitter Room Access Door	New Larger access door to transmitter room for RPK equipment to be installed.		
	Transmitter Electrical and Installation	Transmitter Electrical and Installation		
	Removal of Old Wiring, Piping, disconnects, control panels Etc.	Old Transmitter electrical wiring, panels, transmitter disconnects Etc. needed removal prior to installation of new transmitter.		
	Additional Transmitter Costs	Additional Transmitter Costs		

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

Auxiliary	Add Antenna Information			
Antenna	Section	Question	Response	
	Existing Antenna Description	Type of change	Purchase New	
		Antenna Use	Auxiliary (Backup)	
		Description of Use	Backup	
		Ownership	Owned	
		Owner	N/A	
		Site	N/A	
		Is this antenna currently shared with any other stations?	No	
		Is this antenna directional?	Yes	
		Is antenna in operating condition?	Yes	
		Is antenna located on or in close proximity to an antenna farm?	No	
	Existing Antenna Manufacturer and Type	Class	Full Power	
		Mounting	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	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)	500.0 kW	

Manufacturer	
Model	ATW2H3- HSP-34S
Year	2000

Auxiliary	New Antenna Costs			
Antenna	Section	Question	Response	
	New Antenna Description	Use	Auxiliary (Backup)	
		Description of Use	Backup	
		Change Type	Purchase New	
		Is this a request for upgraded equipment?	No	
		Ownership	Owned	
		Owner	N/A	
		Is antenna shared?	No	
		Is antenna directional?	Yes	
		Will antenna be located on or in close proximity to an antenna farm?	No	
	New Antenna Manufacturer and Types	Class	Full Power	
		Mounting	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	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)	500.0 kW	
		Manufacturer		

Model	TFU-16WB
	R C160 OS
Year	2018
Justification for New Antenna	Existing
	coaxial slot
	antenna is not
	designed to
	operate on
	repacked
	channel.

Other Antenna Costs

Auxiliary 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	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?	

Auxiliary	Other Antenna Cost Not Listed		
Antenna	Name	Description	
	Additional Mounting Brackets Cost	Additional Mounting Brackets Cost	

Primary Antenna	Existing Antenna Information			
	Section	Question	Response	
	Existing Antenna Description	Type of change	Purchase New	
		Antenna Use	Primary (Main)	
		Description of Use	N/A	
		Ownership	Owned	
		Owner	N/A	
		Site	N/A	
		Is the existing antenna shared with another station or stations?	No	
		Is the existing antenna directional?	Yes	
		Is antenna in operating condition?	Yes	
		Is antenna located on or in close proximity to an antenna farm?	No	
	Existing Antenna Manufacturer and Type	Class	Full Power	
		Mounting	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	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)	500.0 kW	

Manufacturer	
Model	ATW32H3- HTCX-34S
Year	1998

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	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)	500.0 kW	
		Manufacturer		
			1	

Model	TFU-27ETT /VP-R 4C200
Year	2018
Justification for New Antenna	Existing coaxial slot antenna is not designed to operate on repacked channel.

Primary Antenna Section Question

Other Antenna Costs

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?	
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No

Sweep	Test
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Primary 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

Auxiliarv	Add Transmission Line			
Transmissio	Section	Question	Response	
	Existing Transmission Line Description	Type of change	Purchase New	
		Use	Auxiliary (Backup)	
		Description of Use	Backup	
		Ownership	Owned	
		Owner	N/A	
		Site	N/A	
		Is this transmission currently shared with any other stations?	No	
		Is Transmission Line in operating condition?	No	
	Existing Transmission Line Manufacturer and Type	Manufacturer		
		Туре	Flexible Air	
		Diameter	3 inches	
		Other Diameter	N/A	
		Segment Length	N/A	
		Other Segment Length	N/A	
		Number of parallel runs	1	
		Length	350 feet per run	

Auxiliary	New Transmission Line			
Transmissio	New Transmission Line Costs	Question	Response	
		Use	Auxiliary (Backup)	
		Description of Use	BACKUP	
		Change Type	Purchase New	
		Is this a request for upgraded equipment?	Yes	
		Туре	Flexible Air	
		Diameter	4 inches	
		Other Diameter	N/A	
		Segment Length	N/A	
		Other Segment Length	N/A	
		Number of parallel runs	1	
		Length	350 feet per run	
		Justification for New Transmission Line	There is no backup transmission line that exists and station cannot be off-air.	

Auxiliary Other Transmission Line Expenses Not Listed

Transmission to provided.

Primary Transmissio	Existing Transmission Line			
	n Line Section	Question	Response	
	Existing Transmission Line Description	Type of change	Purchase New	
		Use	Primary (Main)	
		Description of Use	N/A	
		Ownership	Owned	
		Owner	N/A	
		Site	N/A	
		Is the existing transmission line shared with another station or stations?	No	
		Is Transmission Line in operating condition?	Yes	
	Existing Transmission	Manufacturer		
	Line Manufacturer and Type	Туре	Rigid	
		Diameter	7 3/16 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	

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	20 inches	
		Other Segment Length	N/A	
		Number of parallel runs	1	
		Length	550 feet per run	
		Justification for New Transmission Line	Existing coaxial transmission line section is not designed to operate on repacked channel.	

Primary	Other Transmission Line Expenses Not Listed	
Transmissio	nJaine	Descriptio

SIO	Nattle	Description
	Transmission Line Reducer	6 1/8 to 4 1/16 Transmission Line Reducer
	Additional Transmission Line Components	Additional Transmission Line Components

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	Existing	Tower

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?	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?	Unknown
	Existing Tower Structure	Do you have a tower registration number?	Yes
	Registration	ASR Number	1007060
	Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	42° 03' 39.0" N-
		Longitude (NAD83)	075° 56' 35.0" W-
		Overall Structure Height	567.91 feet
		Support Structure Height	499.99 feet
		Ground Elevation Above Mean Sea Level (AMSL)	1669.93 feet
			,

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Nexstar Broadcasting, Inc.
Date Constructed	02/20/2004

Primary Tower Section Out

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:	Minor Reinforcements needed

Primary Tower Rigging Costs

Tower	Section	Question	Response
	Tower Rigging Costs	Complex Tower	N/A
	Helicopter Services Required	Are helicopter services required?	No

Primary	Other Tower Expenses Not Listed		
Tower	Name	Description	

Structural Analysis computing Rigging Loads	Addendum to Precision Communications Proposal # 19376-5 for Structural Analysis of Rigging Loads and Structure Check Prior to Gin Pole Lift. Please see Precision Tower Addendum #2 Attached
Interim antenna rigging	Intial rigging for interim antenna and line install.
Weather Delays and additional work on Ice Bridge	Addendum to Proposal 19376-5 for additional tower work and Ice Bridge weather delays Please see addendum attached.
Interim Antenna installation Addendum Due to Weather Delays	Addendum to Precision Communications quote 19353-5 due to material delays.

Outside	Section	Question	Response
Professional	Il Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
		Number of Hours	750
		Explanation	It will be necessary to schedule and coordinate multiple vendors, complete progress reports, and update Schedule 399. Station does not have available personnel or personnel trained in project management for such complex projects.
	Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
		Prepare engineering section of Form FCC Construction Permit Application	Yes
		For Auxiliary Facility	No
		For Main Facility	Yes
		Prepare engineering section of Form FCC License to Cover Application	Yes
		For Auxiliary Facility	No
		For Main Facility	Yes
		Prepare request for Special Temporary Authority	Yes

	Quantity	2
	Do you have Distributed Transmission System engineering services?	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	2
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	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	No
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	No
	Additional Field Engineering Service	Yes

Number of Days	9
Justification	Complexity of the job will require additional field time.

Other Professional Services Expenses Not Listed Professional Services roostsided.

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	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 payingYesDisposal Costs (for equipment and otherwaste, net of any salvage value)?	
		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	Other Expenses Not Listed			
	Name	Description		
	Tower Light Replacement	Tower Light Replacement		
	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 Cos Justificatic
Primary Transmitter THU9evo-6 9.8 kW ATSC / 9 kW OFDM	\$664,790.00	\$476,665.00		\$375,015.00	
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$13,700.00	N/A	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	\$494,500.00	\$309,200.00	Cost revised from \$470,000 to \$309,200 per R&S Quote 157850.0 attached	\$261,700.00	N/A
Larger Transmitter Room Access Door	\$11,500.00	\$11,500.00	N/A	\$11,025.00	N/A
Removal of Old Wiring, Piping, disconnects, control panels Etc.	\$16,650.00	\$16,650.00	See T& B Electric quotes 4-28-19 and 9- 10-19 Old Transmitter electrical wiring, panels, transmitter disconnects Etc. needed removal prior to installation of new transmitter	\$16,650.00	N/A
Additional Transmitter Costs	\$2,200.00	\$2,200.00	See Rohde & Schwarz quote 199604.2	\$2,200.00	N/A

Transmitter Electrical and Installation	\$83,440.00	\$83,440.00	See Land Communications quote 1024	\$83,440.00	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$3,900.00	\$3,675.00	N/A	N/A	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	N/A	N/A
Auxiliary Transmitter UAXTE-1	\$76,000.00	\$76,000.00		\$0.00	
1" Rigid Conduit and Wiring	\$1,000.00	\$1,000.00	N/A	N/A	N/A
UHF - Air Cooled Solid State Transmitter . 5 kW	\$75,000.00	\$75,000.00	N/A	N/A	N/A
Sub-total	\$740,790.00	\$552,665.00	N/A	\$375,015.00	N/A
Total for all systems	\$2,204,501.65	\$2,174,729.58	N/A	\$1,601,265.96	N/A

Components

Actual Information Description	File Name
Service entrance 3 phase /800 amp/208 volt	Information not provided.

UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	Component Description:	Credit for transmitter
	Amount:	installation services (\$47,500.00)
	Component Description: Amount:	Main transmitter, installment #2 \$154,600.00
	Component Description: Amount:	Main transmitter, installment #1 \$77,300.00
	Component Description: Amount:	Main transmitter, installment #3 \$77,300.00
Larger Transmitter Room Access Door	Component Description:	Transmitter building door
	Amount:	replacement \$11,025.00
Removal of Old Wiring, Piping, disconnects, control panels Etc.	Component Description:	Transmitter building electrical
	Amount:	removal \$7,300.00
	Component Description:	Transmitter building electrical
	Amount:	removal \$9,350.00

Additional Transmitter Costs	Component Description: Amount:	Additional transmitter costs \$2,200.00
Transmitter Electrical and Installation	Component Description:	Transmitter electrical and installation, installment #2
	Amount: Component Description: Amount:	\$41,720.00 Transmitter electrical and installation, installment #1 \$41,720.00
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	
Switchgear - industrial 800 amp	Information not provided.	
1" Rigid Conduit and Wiring	Information not provided.	
UHF - Air Cooled Solid State Transmitter .5 kW	Information not provided.	

Antennas

Cost Information

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Antenna TFU-27ETT /VP-R 4C200	\$308,530.00	\$222,048.00		\$222,048.00	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
UHF - High Power Top Mount (200- 1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$205,350.00	See Dielectric quote DMS131-2; antenna cost \$235,575 less vpol (\$30,225) which is not reimbursable; See Dielectric change order 3/18/19 changing model of antenna, no change in cost	\$205,350.00	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$10,298.00	Cost reduced from \$11700 to \$10298; See Dielectric quote DMS131-2.	\$10,298.00	N/A

Auxiliary Antenna	\$145,855.00	\$129,538.00		\$117,838.00	
TFU-16WB- R C160 OS					
Additional Mounting Brackets Cost	\$1,750.00	\$1,750.00	See Dielectric change order 6/4/19	\$1,750.00	N/
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$7,763.00	See Dielectric quote 700429CMZ- 3.	\$7,763.00	N//
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//
UHF - High Power, Side Mount, basic slot antenna, 500 kW input, directional,, horizontally polarized	\$101,925.00	\$101,925.00	Cost reduced to \$101,925.00; See Dielectric quote 700429CMZ- 3.	\$101,925.00	N/J
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N//
Sub-total	\$454,385.00	\$351,586.00	N/A	\$339,886.00	N//
Total for all systems	\$2,204,501.65	\$2,174,729.58	N/A	\$1,601,265.96	N//

Actual Information Description	File Name	
Sweep test of existing antenna	Component Description: Amount:	Sweep Test \$6,400.00
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	Component Description: Amount:	Balance due on main antenna \$494.34
	Component Description:	Main antenna, installment #1, line 1 of invoice
	Amount:	\$92,407.50
	Component Description:	Main antenna, installment #3
	Amount:	\$20,040.66
	Component Description:	Main antenna, installment #2, line 1 of invoice
	Amount:	\$92,407.50

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	Component Description: Amount:	Balance due, elbow complex \$1,029.80
	Component Description:	Elbow complex, installment #1,
	Amount:	line 3 of invoice \$4,634.10
	Component Description:	Elbow complex, installment #2, line 3 of invoice
	Amount:	\$4,634.10
Additional Mounting Brackets Cost	Component Description:	Additional mounting
	Amount:	brackets cost \$1,750.00
Side mount brackets for high power antennas (if not included in antenna base cost)	Component Description:	Mounting brackets, balance due
	Amount:	\$776.30
	Component Description:	Antenna mounting brackets, installment #2, line 2 of invoice
	Amount:	\$3,493.35
	Component Description:	Antenna mounting brackets, installment #1, line 2 of invoice
	Amount:	\$3,493.35

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.	
UHF - High Power, Side Mount, basic slot antenna, 500 kW input, directional,, horizontally polarized	Component Description: Amount:	Interim antenna, balance due \$10,192.50
	Component Description:	Aux antenna, installment #1, line 1 of invoice
	Amount:	\$45,866.25
	Component Description:	Aux antenna, installment #2, line 1 of invoice
	Amount:	\$45,866.25
Sweep test of existing		
antenna	Component Description: Amount:	Sweep test \$6,400.00

Transmission Line

Cost Information

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

Description Primary Transmission Line	Predetermined Cost Estimate \$115,504.00	Estimated Cost \$92,142.70	Estimated Cost Justification	Actual Cost \$91,838.70	Actual Cost Justification
Additional Transmission Line Components	\$2,604.00	\$2,604.00	See change orders on Dielectric order confirmation 1697025	\$2,604.00	N/A
Transmission Line Reducer	\$1,800.00	\$1,800.00	N/A	\$1,496.00	N/A
Rigid Transmission Line - copper, 6 1/8"	\$111,100.00	\$87,738.70	See Dielectric quote DMS131-2	\$87,738.70	N/A
Auxiliary Transmission Line	\$25,900.00	\$24,593.23		\$24,593.23	
Flexible Air Transmission Line - dielectric, 4"	\$25,900.00	\$24,593.23	See Dielectric quote 700429CMZ- 3.	\$24,593.23	subtotal equals estimated cost
Sub-total	\$141,404.00	\$116,735.93	N/A	\$116,431.93	N/A
Total for all systems	\$2,204,501.65	\$2,174,729.58	N/A	\$1,601,265.96	N/A

Actual Information	
Description	File Name

Additional Transmission Line Components	Component Description:	Additional
		transmission line component
	Amount:	\$1,302.00
	Component Description:	Additional transmission line
		component
	Amount:	\$1,302.00
Transmission Line Reducer		
	Component Description:	Transmission line
		reducer
	Amount:	\$1,496.00
Rigid Transmission Line -		
copper, 6 1/8"	Component Description:	Balance due,
		transmission line
	Amount:	\$8,773.86
	Component Description:	Transmission line,
		installment #2, line
		4 of invoice
	Amount:	\$39,482.42
	Component Description:	Transmission line,
		installment #1, line
		4 of invoice
	Amount:	\$39,482.42

Line - dielectric, 4"	Component Description:	Transmission line, installment #2, line 3 of invoice
	Amount:	\$11,066.95
	Component Description:	Transmission line,
	Amount:	balance due \$2,459.33
	Component Description:	Transmission line,
		installment #1, line 3 of invoice
		\$11,066.95

Tower Equipment and Rigging Costs

Cost Information

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual C Justifica
Primary Tower TOWER	\$521,291.30	\$823,791.30		\$590,296.30	
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$25,000.00	N/A	\$21,505.00	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	N/A	N/A	N/A
Tall Tower (greater than 500')	\$210,500.00	\$522,300.00	See PCI Quote 19353-5 (interim installation) and 19376-5 (main installation)	\$522,300.00	N/A
Structural Analysis computing Rigging Loads	\$9,500.00	\$9,500.00	Addendum to Precision Communications Proposal # 19376-5 for Structural Analysis of Rigging Loads and Structure Check Prior to Gin Pole Lift. Please see Precision Tower Addendum #2 Attached	\$9,500.00	N/A

Interim antenna rigging	\$80,000.00	\$80,000.00	N/A	N/A	N/A
Interim Antenna installation Addendum Due to Weather Delays	\$5,000.00	\$5,000.00	See PCI Addendum to Proposal 19353- 5	\$5,000.00	N/A
Weather Delays and additional work on Ice Bridge	\$31,991.30	\$31,991.30	Addendum to Proposal 19376- 5 for additional tower work and Ice Bridge weather delays Please see addendum attached.	\$31,991.30	N/A
Sub-total	\$521,291.30	\$823,791.30	N/A	\$590,296.30	N/A
Total for all systems	\$2,204,501.65	\$2,174,729.58	N/A	\$1,601,265.96	N/A

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:	Services related to Foundation Mapping, Structural Analysis and Other \$13,600.00
	Component Description: Amount:	Structural analysis \$750.00
	Component Description: Amount:	Structural Analysis \$750.00
	Component Description: Amount:	Structural analysis \$6,470.00
	Component Description: Amount:	Geotechnical Investigation \$6,405.00
Minor tower reinforcement /modifications	Information not provided.	

500')	Component Description	Main antenna
	Component Description:	installation,
		installment #1
	Amount:	\$232,400.00
		~ ,
	Component Description:	Main antenna
		installation,
		installment #2
	Amount:	\$116,200.00
	Component Description:	Interim antenna
		installation,
		installment #1
	Amount:	\$115,800.00
	Component Description:	Interim antenna
		installation,
		installment #2
	Amount:	\$57,900.00
Structural Analysis		
computing Rigging Loads	Component Description: Amount:	Structural analysis \$9,500.00
Interim antenna rigging	Information not provided.	
Interim Antenna installation Addendum Due to Weather Delays	Component Description:	Interim antenna
Dolayo		installation
		materials delay
	Amount:	\$5,000.00
Weather Delays and		
additional work on Ice Bridge	Component Description:	Weather delays
		and additional work
	Amount:	\$31,991.30

Outside Professional Services

Cost Information

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$172,415.00	\$162,300.00		\$57,710.15	
Additional Field Engineering Service, 9 Days	\$18,000.00	\$18,000.00	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	\$550.00	See related invoice	\$550.00	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$7,360.00	\$7,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A

Attorney Fees - Prepare and	\$5,260.00	\$5,000.00	N/A	N/A	N/A
File FCC Form					
2100 (main),					
Construction					
Permit					
Application					
Prepare	\$1,580.00	\$1,500.00	N/A	\$625.00	N/A
engineering					
section of FCC					
Form 2100					
(main),					
License to					
Cover					
Application					
Prepare	\$4,100.00	\$3,000.00	N/A	\$1,500.00	N/A
request for					
Special					
Temporary					
Authorization					
Prepare	\$3,155.00	\$3,000.00	N/A	N/A	N/A
engineering					
section of FCC					
Form 2100					
(main),					
Construction					
Permit					
Application					
Perform	\$7,360.00	\$7,000.00	N/A	\$1,575.00	N/A
engineering					
study for new					
channel					
assignment					
and antenna					
development					
Prepare and	\$2,630.00	\$2,500.00	N/A	N/A	N/A
or review					
reimbursement					
form					
Project	\$118,500.00	\$112,500.00	Estimate	\$53,460.15	N/A
management			750 hours		
of the transition					

Total for all	\$2,204,501.65	\$2,174,729.58	N/A	\$1,601,265.96	N/A
systems					

Actual Information Description	File Name	
Additional Field Engineering Service, 9 Days	Information not provided.	
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Component Description: Amount:	Prepare and submit FAA Form 7460-1 \$550.00
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 engineering section of FCC Form 2100 (main), License to Cover Application	Component Description: Amount:	Prepare License to Cover Application \$625.00
	Component Description: Amount:	Prepare License to Cover Application \$625.00
Prepare request for Special Temporary Authorization	Component Description: Amount:	Prepare STA \$1,500.00

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:	Engineering services incurred
	Amount:	through 7/14/17 \$1,575.00
Prepare and or review reimbursement form	Information not provided.	
Project management of the		
transition	Component Description:	Project management services
	Amount:	\$1,050.00
	Component Description:	Project
		management services
	Amount:	\$1,235.00
	Component Description:	Project
		management
	Amount:	services Mar 2020 \$125.00
	Component Description:	Project
		management services

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:	23, 2018. \$1,650.00
Component Description: Amount:	Project management services \$445.00
Component Description: Amount:	Project management services Dec 2019 \$215.00
Component Description: Amount:	Project management services \$79.00
Component Description:	Project management services, items 2,3,4,6,7,8,9 and 10 from invoice summary \$2,420.00

Component Description: Amount:	Project management services \$4,921.50
Component Description: Amount:	Project management services June 2019 \$100.00
Component Description:	Project management services 6.1.19 through 6.28.19
Amount:	\$1,125.00
Component Description: Amount:	Project management services 3.30.19 through 4.26.19 \$750.00
Component Description:	Project management services Nov 2019
Amount:	\$100.00
Component Description:	Project management services May 2019
Amount:	\$78.00
Component Description:	Project management services
Amount:	\$80.00

Component Description: Amount:	Project management services 3.2.19 through 3.29.19 \$1,050.00
Component Description: Amount:	Project management services \$1,645.00
Component Description: Amount:	Project management services, various \$5,486.00
Component Description: Amount:	Project management services \$2,525.65
Component Description: Amount:	Project management services \$79.00
Component Description: Amount:	Project management services July 2019 \$210.00
Component Description: Amount:	Project management services \$832.00

Component Description: Amount:	Project management services 2.1.19 through 3.1.19 \$2,025.00
Component Description:	Project Management for Structural Analysis and Tower Modification for period 10/27/17 to 12/31/17 \$5,550.00
Component Description: Amount:	Project management services Oct 2019 \$110.00
Component Description: Amount:	Project management services May 2019 \$60.00
Component Description: Amount:	Project management services 5.26.18 through 6.29.18 \$2,745.00
Component Description: Amount:	Project management services \$4,921.50
Component Description: Amount:	Project management services Feb 2020 \$60.00

Component Description: Amount:	Project Management for Structural Analysis and Tower Modification for period 1/1/18 to 1 /26/18 \$3,525.00
Component Description:	Project management services 4.27.19 through 5.31.19
Amount:	\$1,800.00
Component Description:	Project management services 10.27.18 through 11.30.18
Amount:	\$5,750.00
Component Description: Amount:	Project management services \$190.00
	¢100.00
Component Description:	Project management services June 2019
Amount:	\$195.00
Component Description: Amount:	Project management services 12.1.18 through 12.31.18 \$225.00

Component Description:	Project management services 7.28.18 through 9.28.18
Amount:	\$2,400.00
Component Description:	Project management services March 2019
Amount:	\$104.00
Component Description:	Project Management for Structural Analysis and Tower Modifications. Services from June 30, 2018 through July 27, 2018.
Amount:	\$645.00
Component Description:	Project management services 1.1.19 through 1.31.19
Amount:	\$975.00
Component Description:	Project management services 9.29.18 through 10.26.18
Amount:	\$1,950.00

Other Expenses

Cost Information

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$174,216.35	\$167,651.35		\$121,926.58	
Equipment Rentals	\$935.00	\$935.00	See related invoices; dumpster rental during installations.	\$929.23	N/A
Tower Light Replacement	\$397.00	\$397.00	Cost to replace tower light broken by tower crew during antenna installation.	\$397.00	N/A
MVPD Notification of Channel Change	\$1,500.00	\$1,500.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	\$1,500.00	\$1,500.00	Develop and produce spots and crawls for viewer notifications.	N/A	N/A
Equipment Storage	\$25,000.00	\$25,000.00	N/A	\$10,280.00	N/A
Equipment Delivery and Handling Charges	\$30,682.65	\$30,682.65	Estimated equipment delivery and handling charges	\$30,682.65	N/A

Disposal Costs (for equipment and other waste, net of any salvage value)	\$77,121.70	\$77,121.70	See USA Commercial quote 44. Additional \$500 was due to layout of new Transmitter system which caused additional overtime hours to remove the old transmitter equipment. See USA Commercial quote 45 for additional costs. See also Safety Kleen invoice	\$77,121.70	N/A
Local Zoning	\$25,000.00	\$25,000.00	N/A	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	\$5,000.00	N/A	\$2,516.00	N/A
Sub-total	\$174,216.35	\$167,651.35	N/A	\$121,926.58	N/A
		\$2,174,729.58	N/A	\$1,601,265.96	N/A

Actual Information		
Description	File Name	
Equipment Rentals	Component Description: Amount:	Dumpster rental \$330.37
	Component Description: Amount:	Dumpster rental \$328.21
	Component Description: Amount:	Dumpster rental \$270.65
Tower Light Replacement		
	Component Description: Amount:	Tower strobe light replacement \$397.00
MVPD Notification of Channel Change	Information not provided.	
Develop and air announcement of upcoming channel change	Information not provided.	
Equipment Storage		
	Component Description: Amount:	Main antenna storage \$10,280.00
Equipment Delivery and		
Handling Charges	Component Description: Amount:	Freight cost for tower strobe light \$40.09
	Component Description: Amount:	Main antenna shipping cost \$1,895.97

Component Description: Amount:	Transmitter consolidation services \$13,694.40
Component Description: Amount:	Interim antenna freight costs \$6,210.00
Component Description: Amount:	Main antenna shipping costs \$390.42
Component Description: Amount:	Freight cost for transmission line reducer \$207.16
Component Description: Amount:	Transmission line shipping cost \$988.12
Component Description: Amount:	Main antenna shipping cost \$956.99
Component Description: Amount:	Main antenna freight cost \$6,299.50
Component Description: Amount:	Freight charges \$6,210.00

Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description: Amount:	Disposal costs \$2,621.70
	Component Description:	Cost of removal o old transmitter, beam supply, RF lines and other
	Amount:	materials \$37,000.00
	Component Description:	Additional disposi
	Amount:	\$37,500.00
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:	\$2,516.00

Cost	Grand Total			
Information		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$2,204,501.65	\$2,174,729.58	\$1,601,265.96

Reimbursem	entestiatus	Response
	The facility has ceased operating on its pre- auction channel.	Yes
	Construction of final facilities or all necessary modifications are complete.	Yes
	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.	Yes

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.

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
	10/08/2021

Certification	Section	Question	Response
	Submission of Final Allocation or Accounting Information 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 and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. The above- named entity acknowledges that all certifications and attached documentation are considered material representations. The above-named entity acknowledges the submission of the information are 	
		information herein creates no obligation on the part of the government to pay any amount.	

3. The above-named entity certifies that all costs identified as "actual costs" herein accurately represent the costs actually paid by the above- named entity, including any discounts, refunds, or rebates.	
4. 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.	
5. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.	
6. 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
	10/08/2021

Attachments