



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **17037** | Service: **DTV** | Call **KDFI** | Channel: **27 (UHF)** |
ID: | Sign:
File **0000027215**
Number:
FRN: **0013522339** | Date **07/10**
Submitted: **/2020**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
NW COMMUNICATIONS OF TEXAS, INC.	Joseph M. Di Scipio 400 N. CAPITOL STREET, NW SUITE 890 WASHINGTON, DC 20001 United States	+1 (202) 824-6522	JDISCPIO@21CF.COM	Corporation

Reimbursement Contact Information

Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email
Dennis Wallace <i>Managing Partner</i> <i>Meintel, Sgrignoli & Wallace, LLC</i>	Dennis Wallace 1282 Smallwood Drive Suite 372 Waldorf, MD 20603 United States	+1 (202) 251-7589	Dennis.Wallace@mswdtv.com

**Broadcaster
Information
and
Transition
Plan**

Question		Response
Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.		No
Briefly describe transition plan		Station KDFI is still working on its transition plan. However, the initial plan would be to install an interim facility to broadcast on the post-auction channel. Then replace the existing antenna and transmission line with new antenna and tx line.

Transmitters

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

**Primary
Transmitter**

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	DCXP-2
	Year	2004
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	30 kW

**Primary
Transmitter**

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	THU9-48
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	73.5 kW
	Justification for New Transmitter	IOT Tube type transmitters no longer available by the time purchase was to be made. See 1118_servicebulletin180402 and 1118_Quote Rohde and Schwarz.

**Primary
Transmitter**

Other Transmitter Costs

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	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes

	Description	Comprehensive services entrance, panels, conduit and wiring.
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	Yes
	Size	800.0 square feet
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter

Other Transmitter Cost Not Listed

Name	Description
Terminal Equipment	Various broadcast related equipment
Additional Installation Costs	Unanticipated additional installation costs
UPS	UPS, Commissioning, Shipping
HVAC Modifications	Rework of current HVAC system

**Interim
Transmitter**

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Interim
	Description of Use	N/A
	Change Type	Purchase
	Manufacturer	
	Model	TBD
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	30 kW
	Justification for New Transmitter	Interim Transmitter for operation at interim facility site while existing site is modified. ATC will decommission existing antenna waveguide run in early 2018.

**Interim
Transmitter**

Other Transmitter Costs

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	No

	Size	N/A
	Length	N/A
	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	Yes
	Size	800.0 square feet
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A
Inside RF System	Is an additional interior RF system required to support this interim transmitter?	No

Interim Transmitter **Other Transmitter Cost Not Listed**
Information not provided.

Antennas

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

**Primary
Antenna**

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Owner	ATC
	Site	N/A
	Is the existing antenna shared with another station or stations?	Yes
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	Yes
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Bottom
	Polarization	Horizontal
	Type	Broadband Panel
	Number of Stations Supported	2
	Number of Panels	48
	Design power capacity in use	35.0 %
	Lower Limit	602.00 MHz
	Upper Limit	644.00 MHz
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	1000.0 kW

Manufacturer	
Model	A /CUK40671 /1
Year	2008

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

Facility ID	Call Sign
68834	KPXD-TV

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?	Yes
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	1000.0 kW
	Manufacturer	
	Model	ATW28H3- ETC1-27H

Year	2019
Justification for New Antenna	Relocation was necessary to meet repack timeline. See attached 1118_Revised Narrative and Composite quote 1118_Quote ERI

Primary Antenna

Other Antenna Costs

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

**Primary
Antenna**

Other Antenna Cost Not Listed

Information not provided.

**Interim
Antenna**

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Bottom
	Polarization	Horizontal
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/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)	829.0 kW
	Manufacturer	
	Model	TBD
	Year	2017

	Justification for New Antenna	Interim Antenna for operation while main antenna transmission line is removed and replaced by ATC. Antenna manufacturer and model number is yet to be finalized.
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Interim Antenna

Other Antenna Costs

Section	Question	Response
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	B
	Feed Line Size	6 1/8 inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an antenna?	
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Interim Antenna

Other Antenna Cost Not Listed

Name	Description
Peter Eckman Services	Peter Eckman services and parts for preliminary work on antenna system.

Transmission Line

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

**Primary
Transmission Line**

Existing Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Owner	ATC
	Site	N/A
	Is the existing transmission line shared with another station or stations?	Yes
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	
	Type	Waveguide
	Diameter	N/A
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1600 feet per run

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

Facility ID	Call Sign
68834	KPXD-TV

Primary
Transmission Line

New Transmission 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?	Yes
	Type	Rigid
	Diameter	7 3/16 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1600 feet per run
	Justification for New Transmission Line	New transmission line to feed to main antenna. See attached 1118_Revised Narrative and Composite quote 1118_Quote ERI

Primary
Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Interior Line	Interior line inside building

**Tower
Equipment
And
Rigging
Costs**

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

**Auxiliary
Tower**

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Auxiliary (Backup)
	Description of Use	
	Ownership	Leased
	Is this tower consider Complex?	Candelabra
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	Unknown
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1059733
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	32° 32' 36.0" N-
	Longitude (NAD83)	096° 57' 33.0" W-
	Overall Structure Height	1635.15 feet
	Support Structure Height	1523.60 feet
	Ground Elevation Above Mean Sea Level (AMSL)	813.97 feet

Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
Tower Owner	American Towers, LLC
Date Constructed	06/18/2000

**FM, AM or TV radio
broadcasters. Facility ID's,
Call Signs and Services of
other broadcast stations with
whom the tower is shared**

Facility ID	Call Sign	Service
68834	KPXD-TV	DTV

Auxiliary Tower

Tower Modification 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:	Minor Reinforcements needed

Auxiliary Tower

Tower Rigging Costs

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

Auxiliary Tower	Other Tower Expenses Not Listed
	Information not provided.

Primary Tower

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Is this tower consider Complex?	Candelabra
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	Unknown
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1059733
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	32° 32' 36.0" N-
	Longitude (NAD83)	096° 57' 33.0" W-
	Overall Structure Height	1635.15 feet
	Support Structure Height	1523.60 feet
	Ground Elevation Above Mean Sea Level (AMSL)	813.97 feet
	Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
	Tower Owner	American Towers, LLC
	Date Constructed	06/18/2000

**FM, AM or TV radio
broadcasters. Facility ID's,
Call Signs and Services of
other broadcast stations with
whom the tower is shared**

Facility ID	Call Sign	Service
68834	KPXD-TV	DTV

**Primary
Tower**

Tower Modification Costs

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

**Primary
Tower**

Tower Rigging Costs

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

**Primary
Tower**

Other Tower Expenses Not Listed

Name	Description
Weather Days	Weather days prevented tower work. Tower crew unable to mobilize to another job.

**Outside
Professional**

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	350
	Explanation	Project management of transitioning facilities.
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	Yes
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	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 Services	Prepare and file Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes

	For Auxiliary Facility	Yes
	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)	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	Yes
	RF exposure measurements	No
	Additional Field Engineering Service	Yes
	Number of Days	20
	Justification	On Site RF Engineering Services to supervise installation of equipment and verify performance of new equipment.

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

Name	Description
Land Survey Primary Tower	Easement/Land Survey for primary tower

Other Expenses

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

**Other
Expenses**

Other Expenses Not Listed

Name		Description
Prepare FCC Qtrly Reports		Prepare & file quarterly FCC Progress Reports
Lease Modifications		Lease modification for new facilities
Prepare FCC Qtrly Reports		Prepare & file quarterly FCC Progress Reports
Lease Modifications		Lease modification for new facilities

Cost
Information

Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmitter TBD	\$980,303.00	\$33,303.00		\$33,303.00	
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$0.00	estimated costs from catalog	\$0.00	N/A
Other -- Building Addition Size: 800.0	<i>\$30,048.00</i>	\$30,048.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***Concrete Pad addition for Heat Exchangers.	\$30,048.00	N/A

Other Electrical Service: Electrical installation costs for Interim Transmitter at interim transmitter site.	\$3,255.00	\$3,255.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***Estimated electrical contractor costs for installation of new interim transmitter at interim site. See attached quote as proxy for costs.	\$3,255.00	N/A
Primary Transmitter THU9-48	\$2,296,738.77	\$1,737,206.84		\$1,055,623.60	
UHF - Liquid Cooled Solid State Transmitter 68.5 - 75 kW	\$1,999,000.00	\$1,439,468.07	N/A	\$840,793.00	N/A
HVAC Modifications	\$19,590.01	\$19,590.01	N/A	N/A	N/A
UPS	\$0.00	\$0.00	N/A	\$0.00	N/A
Terminal Equipment	\$16,840.57	\$16,840.57	Monitoring equipment, video patchbay	N/A	N/A
Additional Installation Costs	\$10,000.00	\$10,000.00	Unanticipated additional installation costs.	\$1,500.00	N/A
Other -- Building Addition Size: 800.0	\$65,053.92	\$65,053.92	See quote: Marsand new transmitter building quote-1	\$35,005.92	N/A

Other Electrical Service: Comprehensive services entrance, panels, conduit and wiring.	\$186,254.27	\$186,254.27	N/A	\$178,324.68	N/A
Sub-total	\$3,277,041.77	\$1,770,509.84	N/A	\$1,088,926.60	N/A
Total for all systems	\$5,725,644.31	\$3,430,533.18	N/A	\$1,208,093.05	N/A

Components

Actual Information		
Description	File Name	
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	Component Description: Amount:	Invoice reflects 50% downpayment. \$719,734.00
Other -- Building Addition Size: 800.0	Component Description: Amount:	Building modifications for transmitter equipment- 50% deposit \$30,048.00
Other Electrical Service: Electrical installation costs for Interim Transmitter at interim transmitter site.	Component Description: Amount:	Eaton Powerware UPS- 20% deposit on Equipment \$3,255.00

UHF - Liquid Cooled Solid State Transmitter 68.5 - 75 kW	Component Description:	Transmitter 10% down at completion. Includes upgrade. Quotes and variance sheet attached.
	Amount:	\$83,220.30
	Component Description:	Transmitter 10% down at proof. Includes upgrades. Quotes and variance attached.
	Amount:	\$83,220.30
	Component Description:	Primary transmitter. Additional time and scaffolding rental for installation.
	Amount:	\$8,590.00
	Component Description:	50% transmitter downpayment. Includes upgrade. Quotes and variance sheet included
	Amount:	\$416,101.50
	Component Description:	Transmitter 30% downpayment. Includes upgrades. Quotes and variance included.
	Amount:	\$249,660.90
HVAC Modifications	Information not provided.	
UPS	Information not provided.	

Terminal Equipment	Information not provided.	
Additional Installation Costs	Component Description: Amount:	Transfer switch install. Revised attachment with cover letter \$1,500.00
Other -- Building Addition Size: 800.0	Component Description: Amount: Component Description: Amount:	New Transmitter building. See Marsand new transmitter building quote-1.pdf. \$28,200.00 new transmitter building. See Marsand new transmitter building quote-1.pdf. Updated attachment with cover letter. \$6,805.92
Other Electrical Service: Comprehensive services entrance, panels, conduit and wiring.	Component Description: Amount: Component Description: Amount:	Transmitter Electrical Work. Please see quote 'innovative electrical services. pdf' \$56,468.69 UPS (Uninterrupted Power Supply plus freight). Updated attachment with cover letter. \$15,271.99

Component Description: Redundant Power Supply, Video Bypass Router. Revised attachment with quote and cover letter.

Amount: \$12,508.75

Component Description: Transmitter Electrical work. Please see 'innovative electrical services. pdf' for quote.

Amount: \$37,645.77

Component Description: Transmitter parts - cable ties

Amount: \$44.93

Component Description: Transmitter parts - cables. See quote 'anixter.pdf'

Amount: \$218.84

Component Description: 3 Cycle bypass switch. Revised attachment with cover letter and quote.

Amount: \$25,058.00

Component Description: Transmitter Electrical Work. See quote 'innovative electrical services. pdf'

Amount: \$31,371.48

Component Description:	Transmitter parts - crimper. See quote 'anixter.pdf'
Amount:	\$138.86

Component Description:	Transmitter parts - cables. See quote 'anixter.pdf'
Amount:	\$306.04

Component Description:	Transmitter parts - crimp braid. See quote: 'anixter.pdf'
Amount:	\$285.34

Cost
Information

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Antenna TBD	\$283,964.90	\$11,274.90		\$0.00	
Peter Eckman Services	\$11,274.90	\$11,274.90	N/A	N/A	N/A
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$0.00	N/A	N/A	N/A
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	\$13,700.00	\$0.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$0.00	N/A	N/A	N/A

UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	\$247,000.00	\$0.00	N/A	N/A	N/A
Primary Antenna ATW28H3-ETC1-27H	\$296,230.00	\$334,250.00		\$0.00	
Sweep test of existing antenna	\$6,730.00	\$6,250.00	N/A	N/A	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$328,000.00	Cost reflects upgrade from H-pol to E-Pol.	N/A	N/A
Sub-total	\$580,194.90	\$345,524.90	N/A	\$0.00	N/A
Total for all systems	\$5,725,644.31	\$3,430,533.18	N/A	\$1,208,093.05	N/A

Components

Information not provided.

Cost
Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmission Line	\$489,206.25	\$449,956.45		\$0.00	
Rigid Transmission Line - copper, 7 3 /16"	\$464,000.00	\$424,750.20	N/A	N/A	N/A
Interior Line	<i>\$25,206.25</i>	\$25,206.25	Interior RF line inside building.	N/A	N/A
Sub-total	\$489,206.25	\$449,956.45	N/A	\$0.00	N/A
Total for all systems	\$5,725,644.31	\$3,430,533.18	N/A	\$1,208,093.05	N/A

Components

Information not provided.

Cost Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Auxiliary Tower GTOWER	\$605,300.00	\$44,267.60		\$44,267.60	
Minor tower reinforcement /modifications	\$158,000.00	\$0.00	N/A	N/A	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$44,267.60	See attached quote from ERI for tower mapping and tower studies for potential Interim/Aux site. Includes sales tax of \$1,887.60. Plus additional fee of \$7,500 for supplemental study of the original analysis.	\$44,267.60	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$0.00	Catalog Price - tower rigging and new Aux Antenna Installation at Aux Site. Project abandoned.	N/A	N/A
Primary Tower GTOWER	\$433,350.00	\$493,508.00		\$12,350.00	

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$481,158.00	Actual cost exceeded catalog.	N/A	N/A
Weather Days	\$12,350.00	\$12,350.00	Bad weather prohibited work on tower. Station to pay weather days based on contract.	\$12,350.00	N/A
Sub-total	\$1,038,650.00	\$537,775.60	N/A	\$56,617.60	N/A
Total for all systems	\$5,725,644.31	\$3,430,533.18	N/A	\$1,208,093.05	N/A

Components

Actual Information	
Description	File Name
Minor tower reinforcement /modifications	Information not provided.
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	<p>Component Description: Supplemental study required for original analysis.</p> <p>Amount: \$7,500.00</p> <p>Component Description: Structural analysis and report PO 17-0230.</p> <p>Amount: \$36,767.60</p>
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Information not provided.

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Information not provided.								
Weather Days	<table> <tr> <td data-bbox="715 365 1021 398">Component Description:</td><td data-bbox="1153 365 1366 432">Bad weather days for tower work</td></tr> <tr> <td data-bbox="715 443 823 477">Amount:</td><td data-bbox="1153 443 1273 477">\$7,800.00</td></tr> <tr> <td data-bbox="715 589 1021 622">Component Description:</td><td data-bbox="1153 589 1366 656">Bad weather days for tower work</td></tr> <tr> <td data-bbox="715 667 823 701">Amount:</td><td data-bbox="1153 667 1273 701">\$4,550.00</td></tr> </table>	Component Description:	Bad weather days for tower work	Amount:	\$7,800.00	Component Description:	Bad weather days for tower work	Amount:	\$4,550.00
Component Description:	Bad weather days for tower work								
Amount:	\$7,800.00								
Component Description:	Bad weather days for tower work								
Amount:	\$4,550.00								

Cost
Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$231,214.50	\$221,129.50		\$52,625.75	
Land Survey Primary Tower	<i>\$4,979.50</i>	\$4,979.50	Easement /Land Survey for primary tower	\$4,979.50	N/A
Additional Field Engineering Service, 20 Days	<i>\$42,400.00</i>	\$42,400.00	20 Days on site RF Engineering Supervision of equipment installation and performance verification.	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	\$27,025.00	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 - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	\$4,210.00	\$4,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$4,100.00	\$3,000.00	N/A	N/A	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A

RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	\$2,105.00	\$2,000.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$2,996.25	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$6,521.25	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Project management of the transition	\$55,300.00	\$52,500.00	N/A	\$11,103.75	N/A
Sub-total	\$231,214.50	\$221,129.50	N/A	\$52,625.75	N/A
Total for all systems	\$5,725,644.31	\$3,430,533.18	N/A	\$1,208,093.05	N/A

Components

Actual Information		
Description	File Name	
Land Survey Primary Tower	Component Description: Amount:	Easement/Land Survey for primary tower. \$4,979.50
Additional Field Engineering Service, 20 Days	Information not provided.	
Comprehensive coverage verification via field study, if needed	Component Description: Amount:	Full Site Survey of KDFI with Drawing Package- remaining 50% \$13,512.50
	Component Description: Amount:	Full Site Survey of KDFI with Drawing Package- 50% down payment \$13,512.50
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 - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	Information not provided.	
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.	
Prepare request for Special Temporary Authorization	Information not provided.	

RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<div> <div>Component Description:</div> <div>Prepare and file FCC CP Application, technical exhibits</div> </div> <div> <div>Amount:</div> <div>\$2,996.25</div> </div>
Perform engineering study for new channel assignment and antenna development	<div> <div>Component Description:</div> <div>Channel search, interference assessment, pop counts, coverage mapping.</div> </div> <div> <div>Amount:</div> <div>\$6,521.25</div> </div>
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.
Prepare and or review reimbursement form	Information not provided.

Project management of the transition		
	Component Description:	Prepare, amend, revise 399 budgets, respond to FCC tech review, develop narratives.
	Amount:	\$7,931.25
	Component Description:	Equipment inventory, determine channel specific components, rechannel vs replacement determination
	Amount:	\$3,172.50

Cost Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$109,336.89	\$105,636.89		\$9,923.10	
Lease Modifications	<i>\$15,000.00</i>	\$15,000.00	N/A	N/A	N/A
Prepare FCC Qtrly Reports	<i>\$23,850.00</i>	\$23,850.00	See attached vendor quote for FCC Progress Reporting.	N/A	N/A
MVPD Notification of Channel Change	<i>\$5,000.00</i>	\$5,000.00	N/A	\$0.00	N/A
Develop and air announcement of upcoming channel change	<i>\$1,500.00</i>	\$1,500.00	N/A	N/A	N/A
Equipment Storage	<i>\$10,000.00</i>	\$10,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	<i>\$16,906.89</i>	\$16,906.89	Based on actual costs	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$15,000.00</i>	\$15,000.00	Disposal Costs	\$2,058.10	N/A

Non-zoning permits	\$10,000.00	\$10,000.00	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	\$7,865.00	N/A	\$7,865.00	N/A
Sub-total	\$109,336.89	\$105,636.89	N/A	\$9,923.10	N/A
Total for all systems	\$5,725,644.31	\$3,430,533.18	N/A	\$1,208,093.05	N/A

Components

Actual Information	
Description	File Name
Lease Modifications	Information not provided.
Prepare FCC Qtrly Reports	Information not provided.
MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Storage	Information not provided.
Equipment Delivery and Handling Charges	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	

Component Description:	Dumpster /Equipment Disposal 5/1/19-5 /15/19. Updated with cover letter
Amount:	\$456.09

Component Description:	Dumpster /Equipment disposal 4/1/19 - 4 /15/19. This includes a revised attachment with cover letter.
Amount:	\$537.00

Component Description:	Disposal container use 6/1/19-6/15 /19. Updated with cover letter.
Amount:	\$88.17

Component Description:	Dumpster /Equipment Disposal 5/16/19-5 /31/19. Revised attachment with cover letter and variance.
Amount:	\$461.97

Component Description:	Dumpster /Equipment Disposal 6/16/19-6 /30/19. Revised attachment with cover letter and variance sheet.
Amount:	\$426.70

	<p>Component Description:</p> <p>Dumpster /Equipment Disposal 4/16/19-4 /30/19. Revised attachment with cover letter.</p> <p>Amount:</p> <p>\$88.17</p>
Non-zoning permits	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	<p>Component Description:</p> <p>DTV notification for medical facilities. Please see 'DTV Notifications-1.pdf' for quote.</p> <p>Amount:</p> <p>\$7,865.00</p>

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$5,725,644.31	\$3,430,533.18	\$1,208,093.05

Reimbursement Status	Question	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.	No

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> 1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount. 	

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

<p>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.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Angelo Servedio <i>SVP Controller</i></p> <p>07/10/2020</p>

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 IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).	
		<ol style="list-style-type: none"> 1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. 3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 	

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

<p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Angelo Servedio <i>SVP Controller</i></p> <p>07/10/2020</p>

Certification	Section	Question	Response
	Submission of Final Allocation or Accounting Information Statements	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> 1. The Authorized Person signing below certifies 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. 2. The above-named entity acknowledges the submission of the 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.

**Angelo
Servedio**
SVP
Controller

07/10/2020

Attachments