



(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 **01/27**  
Submitted: **/2020**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>NW COMMUNICATIONS OF TEXAS, INC.</b>	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
<b>Dennis Wallace</b> <i>Managing Partner</i> <i>Meintel, Sgrignoli &amp; 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
<b>Existing Transmitter Description</b>	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
<b>Existing Transmitter Manufacturer and Type</b>	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
<b>New Transmitter</b>	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
<b>Electrical Service</b>	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.
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	Yes
	Size	800.0 square feet
<b>Channel 14 Costs</b>	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
<b>Additional Installation Costs</b>	Unanticipated additional installation costs
<b>Terminal Equipment</b>	Various broadcast related equipment
<b>HVAC Modifications</b>	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
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	Yes
	Size	800.0 square feet
<b>Channel 14 Costs</b>	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
<b>Inside RF System</b>	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
<b>Combiner for Shared Antenna</b>	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
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for a high power antenna?	
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
<b>Sweep Test</b>	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
<b>New Antenna Description</b>	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
<b>New Antenna Manufacturer and Type</b>	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
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	B
	Feed Line Size	6 1/8 inches
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for an antenna?	
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes

## Interim Antenna

### Other Antenna Cost Not Listed

Name	Description
<b>Peter Eckman Services</b>	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
<b>Existing Transmission Line Description</b>	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
<b>Existing Transmission Line Manufacturer and Type</b>	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
<b>Existing Tower Description</b>	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
<b>Existing Tower Structure Registration</b>	Do you have a tower registration number?	Yes
	ASR Number	1059733
<b>Coordinates (NAD83 ( North American Datum of 1983))</b>	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
<b>Services Costs Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	350
	Explanation	Project management of transitioning facilities.
<b>Outside RF consulting Engineering Services</b>	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
<b>Attorney and Other Outside Consulting Services</b>	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
<b>RF Field Engineering Services</b>	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
<b>AM Pattern Disturbance</b>	Is an Impact Study needed?	No
	Is Remediation needed?	No
<b>Facility Expenses</b>	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
<b>Permit and Filing Costs</b>	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
<b>Other Miscellaneous Expenses</b>	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	
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
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$0.00	estimated costs from catalog	\$0.00	N/A

Other Electrical Service: Electrical installation costs for Interim Transmitter at interim transmitter site.	<b>\$3,255.00</b>	\$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
<b>Primary Transmitter THU9-48</b>	<b>\$2,293,661.15</b>	<b>\$1,734,129.22</b>		<b>\$214,830.60</b>	
HVAC Modifications	<b>\$19,590.01</b>	\$19,590.01	N/A	N/A	N/A
Terminal Equipment	<b>\$13,762.95</b>	\$13,762.95	N/A	N/A	N/A
Additional Installation Costs	<b>\$10,000.00</b>	\$10,000.00	Unanticipated additional installation costs.	\$1,500.00	N/A
Other Electrical Service: Comprehensive services entrance, panels, conduit and wiring.	<b>\$186,254.27</b>	\$186,254.27	N/A	\$178,324.68	N/A
UHF - Liquid Cooled Solid State Transmitter 68.5 - 75 kW	\$1,999,000.00	\$1,439,468.07	N/A	N/A	N/A

Other -- Building Addition Size: 800.0	<b>\$65,053.92</b>	\$65,053.92	See quote: Marsand new transmitter building quote-1	\$35,005.92	N/A
<b>Sub-total</b>	\$3,273,964.15	\$1,767,432.22	N/A	\$248,133.60	N/A
<b>Total for all systems</b>	\$5,722,566.69	\$3,427,455.56	N/A	\$367,324.88	N/A

## Components

Actual Information	
Description	File Name
Other -- Building Addition Size: 800.0	<p><b>Component Description:</b> Building modifications for transmitter equipment- 50% deposit</p> <p><b>Amount:</b> \$30,048.00</p>
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	<p><b>Component Description:</b> Invoice reflects 50% downpayment.</p> <p><b>Amount:</b> \$719,734.00</p>
Other Electrical Service: Electrical installation costs for Interim Transmitter at interim transmitter site.	<p><b>Component Description:</b> Eaton Powerware UPS- 20% deposit on Equipment</p> <p><b>Amount:</b> \$3,255.00</p>
HVAC Modifications	Information not provided.
Terminal Equipment	Information not provided.
Additional Installation Costs	<p><b>Component Description:</b> Transfer switch install.</p> <p><b>Amount:</b> \$1,500.00</p>

Other Electrical Service:  
Comprehensive services  
entrance, panels, conduit  
and wiring.

<b>Component Description:</b>	UPS (Uninterrupted Power Supply plus freight)
<b>Amount:</b>	\$15,271.99

<b>Component Description:</b>	Transmitter Electrical Work. Please see quote 'innovative electrical services. pdf'
<b>Amount:</b>	\$56,468.69

<b>Component Description:</b>	Transmitter Electrical work. Please see 'innovative electrical services. pdf' for quote.
<b>Amount:</b>	\$37,645.77

<b>Component Description:</b>	Transmitter Electrical Work. See quote 'innovative electrical services. pdf'
<b>Amount:</b>	\$31,371.48

<b>Component Description:</b>	3 Cycle bypass switch
<b>Amount:</b>	\$25,058.00

<b>Component Description:</b>	Redundant Power Supply, Video Bypass Router
<b>Amount:</b>	\$12,508.75



UHF - Liquid Cooled Solid State Transmitter 68.5 - 75 kW	Information not provided.
Other -- Building Addition Size: 800.0	<div> <div> <b>Component Description:</b> </div> <div> new transmitter building. See Marsand new transmitter building quote-1.pdf </div> </div> <div> <div> <b>Amount:</b> </div> <div> \$28,200.00 </div> </div> <div> <div> <b>Component Description:</b> </div> <div> New Transmitter building. See Marsand new transmitter building quote-1.pdf. </div> </div> <div> <div> <b>Amount:</b> </div> <div> \$6,805.92 </div> </div>

## 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
<b>Interim Antenna TBD</b>	<b>\$283,964.90</b>	<b>\$11,274.90</b>		<b>\$0.00</b>	
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	\$247,000.00	\$0.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$0.00	N/A	N/A	N/A
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	\$13,700.00	\$0.00	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

Peter Eckman Services	\$11,274.90	\$11,274.90	N/A	N/A	N/A
<b>Primary Antenna ATW28H3-ETC1-27H</b>	<b>\$296,230.00</b>	<b>\$334,250.00</b>		<b>\$0.00</b>	
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
Sweep test of existing antenna	\$6,730.00	\$6,250.00	N/A	N/A	N/A
<b>Sub-total</b>	<b>\$580,194.90</b>	<b>\$345,524.90</b>	<b>N/A</b>	<b>\$0.00</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$5,722,566.69</b>	<b>\$3,427,455.56</b>	<b>N/A</b>	<b>\$367,324.88</b>	<b>N/A</b>

## 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	
Interior Line	<i>\$25,206.25</i>	\$25,206.25	Interior RF line inside building.	N/A	N/A
Rigid Transmission Line - copper, 7 3 /16"	\$464,000.00	\$424,750.20	N/A	N/A	N/A
Sub-total	\$489,206.25	\$449,956.45	N/A	\$0.00	N/A
Total for all systems	\$5,722,566.69	\$3,427,455.56	N/A	\$367,324.88	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
<b>Auxiliary Tower GTOWER</b>	<b>\$605,300.00</b>	<b>\$44,267.60</b>		<b>\$44,267.60</b>	
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
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
Minor tower reinforcement /modifications	\$158,000.00	\$0.00	N/A	N/A	N/A
<b>Primary Tower GTOWER</b>	<b>\$433,350.00</b>	<b>\$493,508.00</b>		<b>\$12,350.00</b>	

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
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
<b>Sub-total</b>	\$1,038,650.00	\$537,775.60	N/A	\$56,617.60	N/A
<b>Total for all systems</b>	\$5,722,566.69	\$3,427,455.56	N/A	\$367,324.88	N/A

## Components

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

Weather Days	<div> <div> <b>Component Description:</b> </div> <div> Bad weather days for tower work </div> </div> <div> <b>Amount:</b> </div> <div> \$7,800.00 </div> <div> <b>Component Description:</b> </div> <div> Bad weather days for tower work </div> <div> <b>Amount:</b> </div> <div> \$4,550.00 </div>
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Information not provided.

## 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
<b>Outside Professional Services</b>	<b>\$231,214.50</b>	<b>\$221,129.50</b>		<b>\$52,625.75</b>	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$2,996.25	N/A
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
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
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
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Project management of the transition	\$55,300.00	\$52,500.00	N/A	\$11,103.75	N/A
<b>Sub-total</b>	\$231,214.50	\$221,129.50	N/A	\$52,625.75	N/A
<b>Total for all systems</b>	\$5,722,566.69	\$3,427,455.56	N/A	\$367,324.88	N/A

## Components

Actual Information		
Description	File Name	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<b>Component Description:</b>  <b>Amount:</b>	Prepare and file FCC CP Application, technical exhibits \$2,996.25
Land Survey Primary Tower	<b>Component Description:</b>  <b>Amount:</b>	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	<b>Component Description:</b>  <b>Amount:</b>  <b>Component Description:</b>  <b>Amount:</b>	Full Site Survey of KDFI with Drawing Package- 50% down payment \$13,512.50  Full Site Survey of KDFI with Drawing Package- remaining 50% \$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.	

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.
Perform engineering study for new channel assignment and antenna development	<div> <div><b>Component Description:</b></div> <div>Channel search, interference assessment, pop counts, coverage mapping.</div> </div> <div> <div><b>Amount:</b></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.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.

Project management of the transition		
	<b>Component Description:</b>	Prepare, amend, revise 399 budgets, respond to FCC tech review, develop narratives.
	<b>Amount:</b>	\$7,931.25
	<b>Component Description:</b>	Equipment inventory, determine channel specific components, rechannel vs replacement determination
	<b>Amount:</b>	\$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
<b>Other Expenses</b>	<b>\$109,336.89</b>	<b>\$105,636.89</b>		<b>\$9,947.93</b>	
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$15,000.00</i>	\$15,000.00	Disposal Costs	\$2,082.93	N/A
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

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
Non-zoning permits	<b>\$10,000.00</b>	\$10,000.00	N/A	N/A	N/A
<b>Sub-total</b>	\$109,336.89	\$105,636.89	N/A	\$9,947.93	N/A
<b>Total for all systems</b>	\$5,722,566.69	\$3,427,455.56	N/A	\$367,324.88	N/A

## Components

Actual Information	
Description	File Name

Disposal Costs (for  
equipment and other waste,  
net of any salvage value)

<b>Component Description:</b>	Disposal container use 6/1 /19-6/15/19
<b>Amount:</b>	\$88.17
<b>Component Description:</b>	Dumpster /Equipment Disposal 4/16/19-4 /30/19
<b>Amount:</b>	\$88.17
<b>Component Description:</b>	Dumpster /Equipment Disposal 6/16/19-6 /30/19
<b>Amount:</b>	\$438.10
<b>Component Description:</b>	Dumpster /Equipment Disposal 5/16/19-5 /31/19
<b>Amount:</b>	\$475.40
<b>Component Description:</b>	Dumpster /Equipment Disposal 5/1/19-5 /15/19
<b>Amount:</b>	\$456.09
<b>Component Description:</b>	Dumpster /Equipment disposal 4/1/19 - 4 /15/19. Please disregard other invoice with the same number as it was uploaded without Tax ID.
<b>Amount:</b>	\$537.00



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.
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	<div> <div> <b>Component Description:</b> </div> <div>DTV notification for medical facilities</div> </div> <div> <div> <b>Amount:</b> </div> <div>\$7,865.00</div> </div>
Non-zoning permits	Information not provided.

<b>Cost Information</b>	<b>Grand Total</b>		
		<b>Predetermined Cost Estimate</b>	<b>Estimated Cost</b>
			<b>Actual Cost</b>
	<b>Total for all systems</b>	\$5,722,566.69	\$3,427,455.56
			\$367,324.88

<b>Reimbursement Status</b>	<b>Question</b>	<b>Response</b>
	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"> <li>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.</li> <li>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>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.</li> </ol>	

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><b>Angelo Servedio</b>  <i>Vice President Controller</i></p> <p>01/27/2020</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"> <li>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.</li> <li>2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.</li> <li>3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> </ol>	

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><b>Angelo Servedio</b>  <i>Vice President Controller</i></p> <p>01/27/2020</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"> <li>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.</li> <li>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.</li> </ol>	

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**  
*Vice  
President  
Controller*

01/27/2020

**Attachments**