

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility 17037 Service: DTV Call KDFI Channel: 27 (UHF)

Sign:

ID:

File **0000027215**

Number:

FRN: **0013522339** Date **10/02**

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	Joe. Discipio@fox. com	Corporation

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

Dennis WallaceDennis Wallace+1 (202) 251-Dennis.Managing Partner1282 Smallwood7589Wallace@mswdtv.comMeintel, Sgrignoli &DriveWallace, LLCSuite 372Waldorf, MD20603United States	Applicant	Address	Phone	Email
	Managing Partner Meintel, Sgrignoli &	1282 Smallwood Drive Suite 372 Waldorf, MD 20603		20

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

rs	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	
Manufacturer and Type	Model	DCXP-2
	Year	2004
	Туре	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	30 kW

Primary Transmitter

New Transmitter Costs

Section	Question	Response
New	Use	Primary (Main)
Transmitter	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
		ı

	Description	Comprehensive services entrance, panels, conduit and wiring.
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?	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
HVAC Modifications	Rework of current HVAC system
Terminal Equipment	Various broadcast related equipment
Additional Installation Costs	Unanticipated additional installation costs
UPS	UPS, Commissioning, Shipping

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
	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?	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

Other Transmitter Cost Not Listed

Transmitter Information not provided.

Antennas

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

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	Class	Full Power
Manufacturer and Type	Mounting	Top Mount
	Antenna position in stack	Bottom
	Polarization	Horizontal
	Туре	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

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Mair
	Description of Use	N/A
	Change Type	Purchase Nev
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna	Class	Full Power
Manufacturer and Types	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)	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

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?	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

Other Antenna Cost Not Listed

Name	Description
Antenna Installation	Installation of antenna
Structural Services Custom 55ft Spine	Custom build of spine for antenna to rest on

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	Class	Full Power
Manufacturer and Type	Mounting	Top Mount
	Antenna position in stack	Bottom
	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)	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.

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?	В
	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 ^{Seffien}	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Existing Transmission Line

Primary Transmission

n 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	
	Туре	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

New Transmission Line

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	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

Other Transmission Line Expenses Not Listed

Transmission Line		Description
	Interior Line	Interior line inside building
	Dehydrator	SARAG2A Dehydrator for transmission line

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 (Latitude (NAD83)	32° 32' 36.0" N-
North American Datum of 1983))	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		
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.
Pre-Construction Site Visit	Pre Construction Site Visit
Gin Pole Support Frames	Gin Pole support frames

Outside Professional

Section	Question	Response
Al 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	Prepare and file Form FCC Construction Permit Application	Yes
Services	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 equipmen and verify performance of new equipment.

Outside Professional

Other Professional Services Expenses Not Listed

Services Costs	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 Cos
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	\$30,048.00	\$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/
Primary Fransmitter FHU9-48	\$2,296,738.77	\$1,737,206.84		\$1,055,623.60	
Additional Installation Costs	\$10,000.00	\$10,000.00	Unanticipated additional installation costs.	\$1,500.00	N//
UPS	\$0.00	\$0.00	N/A	\$0.00	N/A
HVAC Modifications	\$19,590.01	\$19,590.01	N/A	N/A	N/
Terminal Equipment	\$16,840.57	\$16,840.57	Monitoring equipment, video patchbay	N/A	N/
Other Building Addition Size:	\$65,053.92	\$65,053.92	See quote: Marsand new transmitter	\$35,005.92	N/

Sub-total	\$3,277,041.77	\$1,770,509.84	N/A	\$1,088,926.60	N/A
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
Other Electrical Service: Comprehensive services entrance, panels, conduit and wiring.	\$186,254.2 7	\$186,254.27	N/A	\$178,324.68	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

Additional Installation Costs	Component Description:	Transfer switch
	Component Description.	install. Revised attachment with
	Amount:	cover letter \$1,500.00
UPS	Information not provided.	
HVAC Modifications	Information not provided.	
Terminal Equipment	Information not provided.	
Other Building Addition		
Size: 800.0	Component Description:	New Transmitter building. See Marsand new transmitter building
	Amount:	quote-1.pdf. \$28,200.00
	Component Description: Amount:	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:	UPS (Uninterrupted Power Supply plus freight). Updated attachment with
	Amount:	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: 3 Cycle bypass

switch. Revised attachment with cover letter and

quote.

Amount: \$25,058.00

Component Description: Transmitter parts -

crimper. See quote

'anixter.pdf'

Amount: \$138.86

Component Description: Transmitter

Electrical Work. See quote 'innovative

electrical services.

pdf'

Amount: \$31,371.48

Component Description: Transmitter parts -

cables. See quote

'anixter.pdf'

Amount: \$218.84

Component Description: Transmitter

Electrical Work.
Please see quote

'innovative

electrical services.

pdf'

Amount: \$56,468.69

Component Description: Transmitter parts -

cable ties

Amount: \$44.93

Component Description: Transmitter parts -

crimp braid. See quote: 'anixter.pdf'

Amount: \$285.34

Component Description: Transmitter parts -

cables. See quote

'anixter.pdf'

Amount: \$306.04

UHF - Liquid Cooled Solid State Transmitter 68.5 - 75 kW

Component Description: Transmitter 10%

down at proof.
Includes upgrades.

Quotes and

variance attached.

Amount: \$83,220.30

Component Description: 50% transmitter

downpayment.
Includes upgrade.
Quotes and
variance sheet

included

Amount: \$416,101.50

Component Description: Primary

transmitter.

Additional time and scaffolding rental for installation.
Quote included.

Amount: \$8,590.00

Component Description: Transmitter 30%

downpayment.
Includes upgrades.

Quotes and

variance included.

Amount: \$249,660.90

Component Description: Transmitter 10%

down at completion.

Includes upgrade.

Quotes and variance sheet

attached.

Amount: \$83,220.30

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
Sweep test of existing antenna	\$6,730.00	\$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
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	\$247,000.00	\$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
Primary Antenna ATW28H3- ETC1-27H	\$841,388.00	\$779,408.00		\$764,408.00	
Antenna Installation	\$445,158.00	\$445,158.00	See ERI quote 20171218- 575 Rev G attached to antenna installation invoices	\$445,158.00	N/A
Structural Services Custom 55ft Spine	\$100,000.00	\$100,000.00	See ERI quote 20171218- 575 Rev G attached to invoices	\$100,000.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,250.00	N/A	\$6,250.00	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna, elliptically or circularly polarized	\$289,500.00	\$228,000.00	See ERI quote 20171218- 575 Rev G attached to antenna invoices	\$213,000.00	N/A
Sub-total	\$1,125,352.90	\$790,682.90	N/A	\$764,408.00	N/A
Total for all systems	\$6,314,359.56	\$3,919,248.43	N/A	\$2,488,564.55	N/A

Components

Actual Information Description	File Name
Peter Eckman Services	Information not provided.
Sweep test of existing antenna	Information not provided.
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	Information not provided.
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.

Antenna Installation

Component Description: Total installation

cost \$445,158.00. Requesting 30% of total at time or

order.

Amount: \$133,547.40

Component Description: Total installation

cost \$445,158.00.
Requesting final
10% of cost on
this invoice.

Amount: \$44,515.80

Component Description: Total installation

cost \$445,158.00. Requesting 30% of total prior to shipment on this

invoice.

Amount: \$133,547.40

Component Description: Total cost of

installation \$445,158.00. Requesting 30% of total 30 day ARO on this invoice.

Amount: \$133,547.40

Structural Services Custom	
55ft Spine	

Component Description: Total cost of

custom 55ft spine

100,000.

Requesting 30% of total cost 30 days ARO on this

invoice.

Amount: \$30,000.00

Component Description: Total cost for

custom 55ft spine

100,000.

Requesting 30% of cost at time of order on this invoice.

Amount: \$30,000.00

Component Description: Total cost of

custom 55ft spine

100,000.

Requesting final 10% of total on this invoice.

Amount: \$10,000.00

Component Description: Total cost of

custom 55ft spine

100,000.

Requesting 30% of total cost prior to shipment on this invoice.

Amount: \$30,000.00

Sweep test of existing	
antenna	

Component Description: Total cost of TV

System Sweep

\$6250.

Requesting 30% of total cost at time of order on this invoice.

Amount: \$1,875.00

Component Description: Total cost of TV

System Sweep

\$6250.

Requesting final 10% of total on this invoice.

Amount: \$625.00

Component Description: Total cost of TV

System Sweep

\$6250.

Requesting 30% of total cost at time of shipment, on this invoice.

Amount: \$1,875.00

Component Description: Total cost of TV

System Sweep

\$6250.

Requesting 30% of total cost 30 day ARO, on this

invoice.

Amount: \$1,875.00

UHF - High Power Top Mount (200-1000 kW), One station antenna, elliptically or circularly polarized

Component Description: Requesting 30%

of like for like antenna cost at time of order.

Amount: \$63,900.00

Component Description: Total antenna cost

\$228,000.00. Requesting final 10% of like for like antenna cost on this invoice.

Amount: \$21,300.00

Component Description: Total antenna cost

\$228,000.00.
Requesting 30%
of like for like
antenna cost prior
to shipment on
this invoice.

Amount: \$63,900.00

Component Description: Total antenna cost

\$228,000.00.

Requesting 30%
of like for like
antenna cost ARO
on this invoice.

Amount: \$63,900.00

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	\$496,763.50	\$457,513.70		\$423,618.28	
Interior Line	\$25,206.25	\$25,206.25	Interior RF line inside building.	N/A	N/A
Dehydrator	\$7,557.25	\$7,557.25	SARAH2A Dehydrator	\$7,557.25	N/A
Rigid Transmission Line - copper, 7 3 /16"	\$464,000.00	\$424,750.20	N/A	\$416,061.03	N/A
Sub-total	\$496,763.50	\$457,513.70	N/A	\$423,618.28	N/A
Total for all systems	\$6,314,359.56	\$3,919,248.43	N/A	\$2,488,564.55	N/A

Components

Actual Information Description	File Name
Interior Line	Information not provided.

Dehydrator		
	Component Description: Amount:	Total cost of dehydrator is \$7557.25. Requesting 30% of total 30 days ARO on this invoice. \$2,267.18
	Component Description: Amount:	Total cost for Dehydrator is \$7557.25. Requesting 30% of total due at time of order. \$2,267.18
	Component Description:	Total cost of dehydrator is \$7557.25. Requesting final 10% of total on this invoice.
	Amount:	\$755.71
	Component Description:	Total cost of dehydrator is \$7557.25.

Requesting 30% of total prior to shipping on this

invoice.

Amount: \$2,267.18

Rigid Transmission Line - copper, 7 3/16"

Component Description: Total cost of main

transmission line is \$416,061.05. Requesting final 10% of total on this invoice.

Amount: \$41,606.10

Component Description: Total cost of

transmission line

system \$416,06.05. Requesting 30% at time of order on this invoice.

Amount: \$124,818.31

Component Description: Total cost of

transmission line

system

\$416,061.05. Requesting 30% of total 30 days ARO on this invoice.

Amount: \$124,818.31

Component Description: Total cost of main

transmission line \$416,061.05. Requesting 30% of total prior to shipment on this

invoice.

Amount: \$124,818.31

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 Cos
Auxiliary Tower GTOWER	\$605,300.00	\$44,267.60		\$44,267.60	
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
Primary Tower GTOWER	\$469,350.00	\$529,508.00		\$48,350.00	

Gin Pole	\$27,000.00	\$27,000.00	Gin Pole	\$27,000.00	N/A
Support	<i>\$21,000.00</i>	ΨΞ.,000.00	support	ΨΞ.,000.00	. 4// (
Frames			frames. See		
			ERI quote		
			20171218-		
			575 REV.G		
Pre-	\$9,000.00	\$9,000.00	Pre	\$9,000.00	N/A
Construction			Construction		
Site Visit			Site Visit see		
			ERI quote		
			20171218-		
			575 REV.G		
Weather Days	\$12,350.00	\$12,350.00	Bad weather	\$12,350.00	N/A
			prohibited		
			work on		
			tower.		
			Station to		
			pay weather		
			days based on contract.		
			on contract.		
Complex	\$421,000.00	\$481,158.00	Actual cost	N/A	N/A
Tower			exceeded		
(includes, for			catalog.		
example,					
those with					
candelabras					
and/or					
stacked antennas)					
·				• • • • • • • • • • • • • • • • • • • •	
Sub-total	\$1,074,650.00	\$573,775.60	N/A	\$92,617.60	N/A
Total for all systems	\$6,314,359.56	\$3,919,248.43	N/A	\$2,488,564.55	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 **Component Description:** Structural analysis documented tower and and report PO 17preparation of 0230. documentation necessary Amount: \$36,767.60 for tower load study **Component Description:** Supplemental study required for original analysis. Amount: \$7,500.00 Minor tower reinforcement Information not provided. /modifications

Gin Pole Support Frames **Component Description:** Total cost of Gin Pole support frames is \$27,000. Requesting 30% of the total due at time of order on this invoice. Amount: \$8,100.00 **Component Description:** Total cost of Gin Pole support frames is \$27,000. Requesting 30% of total 30 days ARO on this invoice. \$8,100.00 **Amount: Component Description:** Total cost of Gin Pole support frames is 27,000. Requesting 30% of total prior to shipping on this invoice. **Amount:** \$8,100.00

Component Description: Total cost of Gin

Pole support

frames is \$27,000. Requesting final 10% of total on this invoice.

Amount: \$2,700.00

Pre-Construction Site Visit **Component Description:** Total cost of preconstruction visit is \$9000. Requesting 30% of total due at time of order on this invoice. \$2,700.00 Amount: **Component Description:** Total cost of preconstruction site visit \$9000. Requesting 30% of total 30 days ARO on this invoice. Amount: \$2,700.00 **Component Description:** Total cost of preconstruction site visit \$9000. Requesting 30% of total prior to shipping on this invoice. Amount: \$2,700.00 **Component Description:** Total cost of preconstruction site

Amount:

visit \$9000.
Requesting final 10% on this invoice.

\$900.00

	On the second December 1	De desse de en d
	Component Description:	Bad weather days
		for tower work
	Amount:	\$4,550.00
	Component Description:	Bad weather days
		for tower work
	Amount:	\$7,800.00
Complex Tower (includes,	Information not provided.	
for example, those with candelabras and/or stacked antennas)		

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 Outside Professional Services	Predetermined Cost Estimate \$231,214.50	Estimated Cost \$221,129.50	Estimated Cost Justification	Actual Cost \$92,164.08	Actual Cost Justificatio
Land Survey Primary Tower	\$4,979.50	\$4,979.50	Easement /Land Survey for primary tower	\$4,979.50	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	\$50,642.08	N/A
Additional Field Engineering Service, 20 Days	\$42,400.00	\$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	\$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
Sub-total	\$231,214.50	\$221,129.50	N/A	\$92,164.08	N/A
Total for all systems	\$6,314,359.56	\$3,919,248.43	N/A	\$2,488,564.55	N/A

Components

Actual Information Description	File Name	
Land Survey Primary Tower	Component Description: Amount:	Easement/Land Survey for primary tower. \$4,979.50
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	Component Description: Amount:	Prepare and file FCC CP Application, technical exhibits \$2,996.25
Perform engineering study for new channel assignment and antenna development	Component Description: Amount:	Channel search, interference assessment, pop counts, coverage mapping. \$6,521.25
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: Repack Project

Management 1/1 /19 - 12/31/19

Amount: \$1,077.08

Component Description: Repack Project

Management 1/5

/17 - 12/31/17

Amount: \$3,583.75

Component Description: Equipment

inventory,

determine channel

specific

components, rechannel vs replacement determination

Amount: \$3,172.50

Component Description: Prepare, amend,

revise 399

budgets, respond to FCC tech review, develop narratives.

Amount: \$7,931.25

Component Description: Repack project

management 1/1

/18 - 12/31/18

Amount: \$20,092.50

Component Description: Repack project

management 1/1 /19 - 12/31/19

Amount: \$14,785.00

	Component Description: Amount:	Repack Project Management 1/4 /18 - 12/31/18 \$594.03
Additional Field Engineering Service, 20 Days	Information not provided.	
Comprehensive coverage verification via field study, if needed	Component Description:	Full Site Survey of KDFI with Drawing Package-remaining 50%
	Amount:	\$13,512.50
	Component Description:	Full Site Survey of KDFI with Drawing Package- 50%
	Amount:	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.

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		\$26,829.99	
DTV Medical Facility Notification	\$11,550.00	\$7,865.00	N/A	\$7,865.00	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
Non-zoning permits	\$10,000.00	\$10,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$15,000.00	\$15,000.00	Disposal Costs	\$2,058.10	N/A
Equipment Delivery and Handling Charges	\$16,906.89	\$16,906.89	Based on actual costs	\$16,906.89	N/A
Equipment Storage	\$10,000.00	\$10,000.00	N/A	N/A	N/A

Develop and	\$1,500.00	\$1,500.00	N/A	N/A	N/A
air announcement of upcoming channel	V .,, 000	* 1,000.00			
change					
MVPD Notification of Channel Change	\$5,000.00	\$5,000.00	N/A	\$0.00	N/A
Prepare FCC Qtrly Reports	\$23,850.00	\$23,850.00	See attached vendor quote for FCC Progress Reporting.	N/A	N/A
Lease Modifications	\$15,000.00	\$15,000.00	N/A	N/A	N/A
Sub-total	\$109,336.89	\$105,636.89	N/A	\$26,829.99	N/A
Total for all systems	\$6,314,359.56	\$3,919,248.43	N/A	\$2,488,564.55	N/A

Components

Actual Information Description	File Name	
DTV Medical Facility Notification	Component Description: Amount:	DTV notification for medical facilities. Please see 'DTV Notifications-1.pdf' for quote. \$7,865.00
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	

Non-zoning permits	Information not provided.	
Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description: Amount:	Dumpster /Equipment Disposal 5/1/19-5 /15/19. Updated with cover letter \$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

	Component Description: Amount:	Dumpster /Equipment Disposal 4/16/19-4 /30/19. Revised attachment with cover letter. \$88.17
Equipment Delivery and Handling Charges	Component Description: Amount:	Freight for antenna, dehydrator, main transmission line (invoices KDFI-001, KDFI-002, KDFI-003A, KDFI-53434) \$16,906.89
Equipment Storage	Information not provided.	
Develop and air announcement of upcoming channel change	Information not provided.	
MVPD Notification of Channel Change	Information not provided.	
Prepare FCC Qtrly Reports	Information not provided.	
Lease Modifications	Information not provided.	

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$6,314,359.56	\$3,919,248.43	\$2,488,564.55

Reimbursem	entestatus	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

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.

- 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.

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 abovenamed applicant for the Authorization(s) specified above. Angelo Servedio SVP Controller

10/02/2020

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.

- 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 abovenamed 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 abovenamed applicant for the Authorization(s) specified above. Angelo Servedio SVP Controller

10/02/2020

Attachments