

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility 24582 Service: DTV Call WHLV-TV Channel: 32 (UHF)

ID:

Sign:

File **0000027962**

Number:

FRN: **0004346060** Date **08/31**

Submitted: /2021

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
TRINITY BROADCASTING OF TEXAS, INC. Doing Business As: TRINITY BROADCASTING NETWORKS	13600 Heritage Parkway Suite 200 Fort Worth, TX 76177 United States	+1 (855) 826- 2255	CMMAY@MAYLAWOFFICES. COM	Not-for- Profit

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email
The Preparer is same as the reimbursement contact.			

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.	Yes
Briefly describe transition plan	Reduce TPO to 50% and remove 1/2 of the xmitter system. Install new SS xmitter system. Add AUX antenna & line to the tower & feed it with a reduced signal from the current xmitter. Remove & replace antenna. Test.

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	Sigma
	Year	2005
	Туре	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	50 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?	No
	Manufacturer	
	Model	HPTV- PRLX-U18
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	30 kW
	Justification for New Transmitter	Harris no longer supports the Sigma. see attached

Primary Transmitter

Other Transmitter Costs

Service Entrance (3 phases 800A 208V) Switchgear (industrial 800 amp)	No No
	No
T ((400) 0	
Transformer (480V)	No
Power	N/A
Rigid Conduit and Wiring	No
Size	N/A
Length	N/A
Other Electrical Service	Yes
	Rigid Conduit and Wiring Size Length

	Description	breakers, labor
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Туре	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter

Other Transmitter Cost Not Listed

Name	Description
install	xmitter installation

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	Retune Existing
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Owner	American Tower
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna	Class	Full Power
Manufacturer and Type	Mounting	Top Mount
	Antenna position in stack	Not in Stac
	Polarization	Horizontal
	Туре	Broadband Panel
	Number of Stations Supported	4
	Number of Panels	12
	Design power capacity in use	80.0 %

Lower Limit	470.00 MHz
Upper Limit	800.00 MHz
Other Antenna Type	N/A
ERP: (Effective Radiated Power)	1000.0 kW
Manufacturer	Dielectric
Model	TUD-C5SP- 16/56H-2-B
Year	2000

Primary Antenna

Adjustment to Existing Antenna

Section	Question	Response
Sweep Test of Existing Antenna	Do you need a sweep test of existing antenna?	Yes

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Туре	Additional Module
	Number of channels supported	1
	Frequencies of channels supported	RF channel
	Frequency	N/A

Enter a list of RF channel numbers.

RF Channel Number	
32	

Primary Antenna

Other Antenna Cost Not Listed

Name	Description
combiner install	Combiner install

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?	No
New Antenna	Class	Full Power
Manufacturer and Type	Mounting	Side Moun
	Antenna position in stack	Not in Stac
	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)	240.0 kW

Manufacturer	
Model	TFU-24WB
Year	2017
Justification for New Antenna	REMAIN ON THE AIR DURRING TESTING

Interim Antenna

Other Antenna Costs

Section	Question	Response
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 an antenna?	Yes
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

Interim Antenna

Other Antenna Cost Not Listed

Name	Description
Combiner Install	Combiner Install

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

Primary Transmission Line

Existing Transmission Line

n Line Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Owner	American Tower
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission	Manufacturer	
Line Manufacturer and Type	Туре	Rigid
	Diameter	7 3/16 inches
	Other Diameter	N/A
	Segment Length	Broadband
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1000 feet per run

Primary Transmi

New Transmission Line

nissio	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	8 3/16 inches
		Other Diameter	N/A
		Segment Length	Broadband
		Other Segment Length	N/A
		Number of parallel runs	1
		Length	1000 feet per run
		Justification for New Transmission Line	required

Primary

Other Transmission Line Expenses Not Listed

Transmission loine tion not provided.

Interim

New Transmission Line

Transmission	n Line Section	Question	Response
	New Transmission Line	Use	Interim
	Costs	Description of Use	N/A
		Change Type	Purchase New
		Туре	Rigid
		Diameter	8 3/16 inches
		Segment Length	Broadband
		Other Segment Length	
		Number of parallel runs	1
		Length	1000 feet per run
		Justification for New Transmission Line	remains on the air during testing

Other Transmission Line Expenses Not Listed

Interim	Other Transmission Line Expenses No	Expenses Not Listed		
Transmissio	n Line	Description		
	FIELD CUT	field cut		

Tower Equipment And Rigging Costs

Section	Question	Response
Tower Equipment or Rigging Costs Changes	Do you have tower equipment or rigging costs changes?	No

Outside Professional

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	10
	Explanation	American Tower
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	3
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting	Prepare and file Form FCC Construction Permit Application	Yes
Services	For Auxiliary Facility	No

	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	3
	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	No
	Number of Days	N/A
	Justification	N/A

Outside
Outside
Professional Services Expenses Not Listed
Professional Services ©qstsided.

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	No
	FCC Special Temporary Authority Application	No
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	No
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	No
	Does this relocation require MVPD Notification of a Channel Change?	No

Other Expenses

Other Expenses Not Listed

Name	Description	
Core drilling	Core drill a hole for coax	

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
Primary Transmitter HPTV- PRLX-U18	\$1,032,000.00	\$978,005.00		\$834,977.58	
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$893,005.00	N/A	\$781,901.00	N/A
install	\$35,000.00	\$35,000.00	quoted installation	\$35,000.00	N/A
Other Electrical Service: breakers, labor	\$50,000.00	\$50,000.00	quoted	\$18,076.58	N/A
Sub-total	\$1,032,000.00	\$978,005.00	N/A	\$834,977.58	N/A
Total for all systems	\$2,359,360.00	\$1,293,419.00	N/A	\$1,040,242.74	N/A

Components

Actual Information	
Description	File Name

State Transmitter 21 - 31 kW	Component Description: Amount:	5% proof \$39,095.05
	Component Description:	35% deposit, 30%
		60 days and 30%
		prior to shipping
	Amount:	\$742,805.95
install		
	Component Description:	xmitter install
	Amount:	\$35,000.00
Other Electrical Service:		
breakers, labor	Component Description:	xmitter electric
	Amount:	\$18,076.58

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 TFU-24WB	\$262,880.00	\$77,700.00		\$49,733.51	
Combiner Install	\$6,000.00	\$6,000.00	N/A	\$3,975.00	Placeholder - FCC IT Technical Support
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$15,000.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,700.00	N/A	N/A	N/A
UHF - Lower Power Side Mount, One station antenna 200-500 kW, elliptically or circularly polarized	\$227,000.00	\$50,000.00	N/A	\$45,758.51	N/A

Primary Antenna TUD-C5SP- 16/56H-2-B combiner install Elbow complex, single	\$113,230.00 \$10,000.00 \$12,300.00	\$105,500.00 \$10,000.00 \$4,000.00	N/A N/A	\$74,126.89 \$1,987.50	N/A
install Elbow complex,					N/A
complex,	\$12,300.00	\$4,000.00	N/A		
channel, at antenna input, per 6 1/8. feedline (if needed)				N/A	N/A
Adding a module to existing combiner (without antenna)	\$84,200.00	\$84,000.00	N/A	\$64,639.39	N/A
Sweep test of existing antenna	\$6,730.00	\$7,500.00	quoted	\$7,500.00	N/A
Sub-total	\$376,110.00	\$183,200.00	N/A	\$123,860.40	N/A
Total for all systems	\$2,359,360.00	\$1,293,419.00	N/A	\$1,040,242.74	N/A

Components

Actual Information	
Description	File Name

Combiner Install		
	Component Description:	Combiner install
	Amount:	cap 1 \$1,987.50
	Component Description:	combiner
	Amount:	\$3,975.00
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.	
Sweep test of existing antenna	Information not provided.	
UHF - Lower Power Side Mount, One station antenna		
200-500 kW, elliptically or	Component Description:	antenna cap3
circularly polarized	Amount:	plus tax \$16,925.01
	Component Description: Amount:	aux antenna \$28,833.50
combiner install		
	Component Description:	combiner install
	Amount	cap 3
	Amount:	\$1,987.50
	Component Description: Amount:	combiner install N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.	

Adding a module to existing combiner (without antenna)	Component Description	connect xmitter to
	Component Description:	combiner
	Amount:	\$3,704.46
	Amount.	φ3, <i>1</i> 04.40
	Component Description:	combiner
		connection
	Amount:	\$7,145.27
	Component Description:	combiner cap3
	Amount:	\$12,500.00
	Component Description:	connect xmitter to
		combiner
	Amount:	\$9,220.18
	Component Description:	connect xmitter to
		combiner
	Amount:	\$7,069.48
	Component Description:	combiner
	Amount:	\$25,000.00
Sweep test of existing		
and mu	Component Description:	sweep cap 3
	Amount:	\$2,500.00
	Component Description:	second sweep

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
Interim Transmission Line	\$404,000.00	\$45,000.00		\$27,450.00	
Rigid Transmission Line - copper, 8 3 /16" broadband	\$399,000.00	\$40,000.00	N/A	\$27,450.00	N/A
FIELD CUT	\$5,000.00	\$5,000.00	N/A	\$0.00	N/A
Primary Transmission Line	\$399,000.00	\$0.00		\$0.00	
Rigid Transmission Line - copper, 8 3 /16" broadband	\$399,000.00	\$0.00	N/A	N/A	N/A
Sub-total	\$803,000.00	\$45,000.00	N/A	\$27,450.00	N/A
Total for all systems	\$2,359,360.00	\$1,293,419.00	N/A	\$1,040,242.74	N/A

Components

Actual Information		
Description	File Name	

Component Description: Amount:	Aux line cap 3 \$9,150.00
Component Description: Amount:	line \$18,300.00
Information not provided.	
Information not provided.	
	Amount: Component Description: Amount: Information not provided.

Tower Equipment and Rigging Costs

Cost

Information 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).

	Predetermined	Estimated	Estimated Cost		Actual Cost
Description	Cost Estimate	Cost	Justification	Actual Cost	Justification
Outside Professional Services	\$127,950.00	\$73,250.00		\$44,632.00	
Prepare request for Special Temporary Authorization	\$6,150.00	\$3,000.00	N/A	\$1,750.00	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$750.00	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$4,400.00	N/A

Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$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	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$40,000.00	N/A	\$37,732.00	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$11,040.00	\$7,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Sub-total	\$127,950.00	\$73,250.00	N/A	\$44,632.00	N/A
Total for all systems	\$2,359,360.00	\$1,293,419.00	N/A	\$1,040,242.74	N/A

Components

Actual Information Description	File Name	
Prepare request for Special Temporary Authorization	Component Description: Amount:	sta \$1,750.00
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Component Description: Amount:	license \$750.00
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.	
Perform engineering study for new channel assignment and antenna development	Component Description: Amount:	engineering cap 3 \$1,250.00
	Component Description: Amount:	eng \$2,500.00
	Component Description: Amount:	interference \$650.00
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	Information not provided.	
Comprehensive coverage verification via field study, if needed	Component Description: Amount:	study \$37,732.00

Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.

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	\$20,300.00	\$13,964.00		\$9,322.76	
Core drilling	\$1,000.00	\$1,000.00	quoted	\$800.00	N/A
Equipment Delivery and Handling Charges	\$3,000.00	\$3,000.00	foklift	\$1,601.63	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$4,000.00	\$4,000.00	dispose of old transmitter	\$1,842.73	N/A
Non- zoning permits	\$750.00	\$750.00	American Tower	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$5,214.00	N/A	\$5,078.40	N/A
Sub-total	\$20,300.00	\$13,964.00	N/A	\$9,322.76	N/A
Total for all systems	\$2,359,360.00	\$1,293,419.00	N/A	\$1,040,242.74	N/A

Components

Actual Information	
Description	File Name

Core drilling		
	Component Description:	Core Drill
	Amount:	\$800.00
Equipment Delivery and Handling Charges		
rianuling Charges	Component Description:	forklift
	Amount:	\$1,601.63
Disposal Costs (for		
equipment and other waste,	Component Description:	dumpster
net of any salvage value)	Amount:	\$699.50
		•
	Component Description:	oil disposal
	Amount:	\$100.00
	Component Description:	dumpster
	Amount:	\$1,011.44
	Component Description:	dumpster
	Amount:	\$31.79
Non-zoning permits	Information not provided.	
DTV Medical Facility		
Notification	Component Description:	med
	Amount:	\$5,078.40

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$2,359,360.00	\$1,293,419.00	\$1,040,242.74

Reimbursem	enrestiatus	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 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. Steve Hastings Network RF Manager

08/31/2021

Attachments