

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility 59139 Service: DTV Call KTVN Channel:

ID: Sign: 11 (High VHF) File 0000025334

Number:

FRN: **0002900330** Date **05/28**

Submitted: /2019

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
SARKES TARZIAN, INC. Doing Business As: SARKES TARZIAN, INC.	Station KTVN 205 NORTH COLLEGE AVENUE SUITE 800 BLOOMINGTON, IN 47402 United States	+1 (812) 332-7251	Ifox@ktvn. com	Corporation

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email	
[Confidential]				

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email
Nancy Ory , Esq . Lerman Senter PLLC	2001 L St NW Suite 400 Washington, DC 20036 United States	+1 (202) 416- 6791	nory@lermansenter. 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.	Yes
Briefly describe transition plan	Retune existing primary transmitter to the new channel. Replace non retunable auxiliary transmitter on the new channel. Replace mask filter, low pass filter and combiner. Modify existing exhaust and electrical system for install. Proof

Transmitters

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

Primary Transmitter

Existing Transmitter Information

Question	Response
Type of change	Retune Existing
Use	Primary (Main)
Ownership	Owned
Owner	N/A
Is this transmitter currently shared with another station?	No
Is this transmitter currently in operating condition?	Yes
Manufacturer	Gates Air
Model	VAX 3D
	Type of change Use Ownership Owner Is this transmitter currently shared with another station? Is this transmitter currently in operating condition? Manufacturer

Year	2016
Туре	Solid State
Solid State Cooling	Air Cooled
Solid State Power capacity	4.5 kW

Primary Transmitter

Retuning Transmitter Costs

Section	Question	Response
New IOT Tubes	Number of Tubes (including accessories) needed	N/A
New Mask Filter	Power	10 kW
	Other Power	N/A
New Exciter	Is a new exciter needed?	No

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	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Туре	N/A

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

Primary Transmitter

Other Transmitter Cost Not Listed

Name	Description
combiner	new combiner tuned to the new channel designation
Combiner installation	Modify transmission line from existing 2 port combiner to new 4 port combiner
Other Costs: Ductwork	Ductwork for Transmitter
Combiner Testing	Test the combiner for the new channel designation

Auxiliary Transmitter

Add Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Auxiliary
	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	Platinum
	Year	2003
	Туре	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	20 kW

Auxiliary Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	VAXTE- 6R44
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	6.4 kW
	Justification for New Transmitter	Existing Auxiliary transmitter is not re- tunable to the new designated channel.

Auxiliary Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
		'

Other Electrical Service	Yes
Description	Reconnection using existing wiring from currently installed Auxiliary to new Auxiliary
Does the replacement transmitter require HVAC Service?	No
Туре	N/A
Size	N/A
Other Size	N/A
Does the Transmitter Building require an addition, modification, other leashold improvement?	No
Size	N/A
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
	Does the replacement transmitter require HVAC Service? Type Size Other Size Does the Transmitter Building require an addition, modification, other leashold improvement? Size Is an RF Consulting Engineer needed? Is a channel 14 Mask Filer needed? Is additional field engineering time needed?

Auxiliary Transmitter

Other Transmitter Cost Not Listed

Name	Description
Other Costs: Ductwork	Ductwork for transmitter
Air Exhaust	modify existing exhaust ductwork from current Auxiliary's Harris Platinum configuration to new Auxiliary's Gates Air Vax TE 8 configuration

Antennas

Section	Question	Response
Antenna Related Expenses	Do you have antenna related expenses?	No

Transmission ^{ବୁଲୋ} ଡ଼	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	No

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
al Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	200
	Explanation	The station's attorney will manage the reimbursement filings, review engineering applications, and engage in any additional coordination that is needed for KTVN to accomplish its repack transition over the three year period.
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	No
Quantity	N/A
Do you have Distributed Transmission System engineering services?	N/A
Critical Facility	N/A
Terrain-Shielded Facility	N/A
Prepare and file Form FCC Construction Permit Application	Yes
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	No
Quantity	N/A
NEPA Section 106 environmental review	No
Environmental Assessment	No
ASR Modification	No
FAA Consultation (including preparation of FAA Form 7460)	No

Attorney and Other Outside Consulting Services

	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	No
RF Field Engineering Services	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	Yes
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Other Professional Services Expenses Not Listed
Professional Services Costsided.

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	No
	BLM or NFS Coordination	Yes
	FCC Construction Permit Minor Change	Yes
	FCC License to Cover Application	Yes
	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)?	No
	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?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

Other Expenses Not Listed

Expenses Information not provided.

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 VAX 3D	\$248,350.00	\$134,840.00		\$107,542.84	
Combiner Testing	\$840.00	\$840.00	N/A	\$756.00	N/A
Other Costs: Ductwork	\$4,000.00	\$4,000.00	Estimated Cost of Ductwork on Combiner	\$4,000.00	N/A
Combiner installation	\$10,000.00	\$10,000.00	N/A	\$7,980.00	N/A
combiner	\$120,000.00	\$120,000.00	N/A	\$94,806.84	N/A
UHF and VHF - minor banding issues	\$105,200.00	\$0.00	Imputed per instructions	N/A	N/A
10 kW mask filter	\$8,310.00	\$0.00	Mask filter built into combiner. No need for an external filter.	\$0.00	N/A
Auxiliary Transmitter VAXTE-6R44	\$175,000.00	\$175,000.00		\$103,708.25	
Air Exhaust	\$5,000.00	\$5,000.00	N/A	N/A	N/A
High VHF - Air Cooled Solid State Transmitter 6.4 kW	\$165,000.00	\$165,000.00	estimate from Gates Air	\$103,708.25	N/A

Other Electrical	\$5,000.00	\$5,000.00	N/A	N/A	N/A
Service:					
Reconnection					
using existing					
wiring from					
currently					
installed					
Auxiliary to new Auxiliary					
Tion / tuxtiliary					
Other Costs:	\$0.00	\$0.00	N/A	N/A	N/A
Ductwork					
Sub-total	\$423,350.00	\$309,840.00	N/A	\$211,251.09	N/A
Total for all systems	\$615,377.50	\$403,522.50	N/A	\$255,574.10	N/A

Components

Actual Information Description	File Name	
Combiner Testing		
	Component Description:	KTVN - Dielectric combiner testing cost; 2nd 45% payment - Invoice #MAN00416, PO #1546 with quote.
	Amount:	\$378.00
	Component Description:	KTVN - Dielectric combiner testing cost; 1st 45% payment - Invoice #MAN00243, PO #1546 with quote.
	Amount:	\$378.00

Other Costs: Ductwork		
	Component Description:	Applied Mechanical Invoice for Ductwork, with PO.
	Amount:	\$4,000.00
	Component Description:	Applied Mechanical Invoice # 15371
	Amount:	\$4,000.00
Combiner installation		
	Component Description:	KTVN - Dielectric combiner installation cost; 1st 45% payment - Invoice #MAN00243, PO #1546 with quote.
	Amount:	\$1,890.00
	Component Description:	Dielectric Combiner Install and Sweep Testing. Invoice# 301024.
	Amount:	\$4,200.00
	Component Description:	KTVN - Dielectric combiner installation cost; 2nd 45% payment - Invoice #MAN00416, PO #1546 with quote.
	Amount:	\$1,890.00
combiner		

Component Description: Dielectric Invoice

for elbow and coupling per attached change order (in attached

invoice).

Amount: \$1,616.00

Component Description: Dielectric Invoice

242058 for outstanding combiner work; with change order and revised quote.

Amount: \$6,472.60

Component Description: Dielectric Invoice

for Elbow and Coupling; Inv # 279006 PO# 1546

Amount: \$1,616.00

Component Description: Dielectric Invoice #

242058

Amount: \$6,472.60

Component Description: KTVN - Dielectric

combiner plus combiner

accessories cost; 2nd 45% payment

- Invoice

#MAN00416, PO #1546 with quote.

Amount: \$43,359.12

Component Description: 45% of Dielectric

Invoice for combiner

Amount: \$48,026.75

	Component Description: Amount:	KTVN - Dielectric combiner plus combiner accessories cost; 1st 45% payment - Invoice #MAN00243, PO #1546 with quote. \$43,359.12
UHF and VHF - minor banding issues	Information not provided.	
10 kW mask filter	Information not provided.	
Air Exhaust	Information not provided.	

High VHF - Air Cooled Solid State Transmitter 6.4 kW

Component Description: Second 1/3

Payment of Gates Air Transmitter costs; minus

estimated sales tax and estimated shipping.

Amount: \$38,483.05

Component Description: KTVN - GatesAir

transmitter, installation, RF system, electrical; 1st 1/3 payment -

Invoice

#JW30004271-DP, PO #1503 with quote and cover letter (estimated tax omitted).

Amount: \$38,483.05

Amount:

Component Description: GatesAir Invoice #

US0317050 \$26,742.15

Component Description: KTVN - GatesAir

transmitter, installation, RF system, electrical; 2nd 1/3 payment -

Invoice

#JW30004271-2, PO #1503 with quote and cover letter (estimated tax omitted).

Amount: \$38,483.05

Component Description: transmitter
Amount: \$49,782.27

Other Electrical Service: Reconnection using existing wiring from currently installed Auxiliary to new Auxiliary	Information not provided.
Other Costs: Ductwork	Information not provided.

Cost Antennas

Information Information not provided.

Cost Transmission Line

Information Information not provided.

Cost Tower Equipment and Rigging Costs

Information Information not provided.

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$159,200.00	\$69,850.00		\$34,073.75	
RF Exposure Measurements	\$21,050.00	\$8,000.00	N/A	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$15,000.00	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

Prepare and or review reimbursement form	\$2,630.00	\$3,300.00	Actual cost exceeded the Widelity Estimate.	\$3,230.00	N/A
Project management of the transition	\$31,600.00	\$30,800.00	Actual cost of project management exceeded estimate. Updated estimate cost per instruction.	\$26,506.25	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$3,000.00	N/A	\$2,250.00	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$2,000.00	N/A	\$1,837.50	Subtotal invoice includes other line items.
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$500.00	N/A	\$250.00	N/A
Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	IV/A	IV/A	IVA
Attorney Fees -	¢ E 260 00	ФE 000 00	N/A	N/A	N/A

Total for all	\$615,377.50	\$403,522.50	N/A	\$255,574.10	N/A
systems					

Components

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nation not provided.
nation not provided.
Donent Description: Chesapeake Invoice 4848 for preparing and uploading application for license to cover. \$250.00
μητ. φ250.00
ponent Description: Remainder of invoice (\$625) is separate line item for review of

Perform engineering study for new channel assignment and antenna development

Component Description: Engineering study

for new channel assignment \$1,625.00

Amount:

Component Description: \$625.00 of invoice

for engineering study for new channel assignment. \$1,837.50 of invoice for CP application -

separate line item.

Amount: \$625.00

Project management of the transition

Component Description: KTVN Lerman

Senter invoice, August 2018

Amount: \$2,433.75

Component Description: Legal project

management services - Lerman Senter # 466565.

Amount: \$656.25

Component Description: Legal project

management services - Lerman Senter # 467672.

Amount: \$2,561.25

Component Description: Legal project

management services - Lerman Senter # 464474.

Amount: \$131.25

Component Description: KTVN Lerman

Senter invoice, September 2018

Amount:

\$2,580.00

Component Description:

Work includes FCC

Forms 1876, 2100

and 399.

Amount:

\$6,300.00

Component Description:

Legal project management

services - Lerman Senter # 468167.

Amount: \$4,203.75

Component Description:

Legal project management

services - Lerman Senter # 461719.

Amount: \$1,050.00

Component Description:

management advice and counsel regarding repack and reimbursement

process

Project

Amount: \$4,036.25

Component Description: Project

management involving FRN association and

banking information.

Amount: \$1,050.00

Component Description: KTVN Lerman Senter legal invoice, July 2018 Amount: \$2,028.75 **Component Description:** Legal project management services - Lerman Senter # 463906. Amount: \$656.25 Prepare and or review reimbursement form **Component Description:** KTVN Lerman Senter legal services invoice for invoice review **Amount:** \$338.75 **Component Description:** Work was primarily FCC Forms 2100 and 399. Amount: \$2,891.25

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	\$32,827.50	\$23,832.50		\$10,249.26	
MVPD Notification of Channel Change	\$0.00	\$0.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	\$0.00	\$0.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$0.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$4,000.00	N/A	\$2,950.00	N/A
Equipment Delivery and Handling Charges	\$18,832.50	\$18,832.50	Estimated Dielectric freight of \$5,332.50 plus an estimated Gates Air freight of \$4,500.00 *3 (\$13,500.00).	\$7,299.26	N/A
BLM or NFS Coordination	\$1,000.00	\$1,000.00	N/A	N/A	N/A

FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$0.00	N/A	N/A	N/A
Sub-total	\$32,827.50	\$23,832.50	N/A	\$10,249.26	N/A
Total for all systems	\$615,377.50	\$403,522.50	N/A	\$255,574.10	N/A

Components

Actual Information Description	File Name	
MVPD Notification of Channel Change	Information not provided.	
Develop and air announcement of upcoming channel change	Information not provided.	
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.	
DTV Medical Facility Notification	Component Description: Amount:	KTVN - medical facility notifications cost. Invoice # 1060, PO # 1706. \$2,950.00
Equipment Delivery and Handling Charges	Component Description: Amount: Component Description:	O'Brien's Invoice# 12389 \$1,250.00 O'brien's invoice
	Amount:	#12388 \$1,250.00

Component Description: KTVN - Dielectric

combiner freight cost; 2nd 45% payment - Invoice #MAN00416, PO #1546 with quote.

Amount: \$2,399.63

Component Description: KTVN - GatesAir

transmitter freight; 2nd 1/3 payment -

Invoice

#JW30004271-2, PO #1503 with

quote.

Amount: \$4,500.00

Component Description: KTVN - GatesAir

transmitter freight; 1st 1/3 payment -

Invoice

#JW30004271-DP, PO #1503 with

quote.

Amount: \$4,500.00

Component Description: KTVN - Dielectric

combiner freight cost; 1st 45% payment - Invoice #MAN00243, PO #1546 with quote.

Amount: \$2,399.63

BLM or NFS Coordination Information not provided.

FCC Filing Fees - Form 2100 license to cover application Information not provided.

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$615,377.50	\$403,522.50	\$255,574.10

Reimbursem	entestiatus	Response
	The facility has ceased operating on its pre- auction channel.	No
	Construction of final facilities or all necessary modifications are complete.	No
	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

Attachments