

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID: File	23394 00000	Service: DTV 28071	Call Sign:	KIAH	Channel: 34 (UHF)
Number: FRN: 0005047105 Date			09/06		
	000-1100	Submitted:	/2018		

Applicant Name, Type, and Contact Information

Applicant Information

Applicant	Address	Phone	Email	Applicant Type
KIAH, LLC Doing Business As: KIAH, LLC	Peggy Moore 7700 WESTPARK DRIVE HOUSTON, TX 77063 United States	+1 (713) 435-2863	PNMoore@tribunemedia. com	Limited Liability Company

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
	Bill VanDuynhoven , VAnduynhov . Director of Engineering operations Tribunemedia	Bill VAnduynhoven 2211 Rabbit Hill Cir Dacula, GA 30019 United States	+1 (404) 312- 8693	BillV@Tribunemedia. com
		United States		

Broadcaster	Question	Response
Information and Transition Plan	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	Replace current antenna at same location and replace tranmitter

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

Auxiliary Transmitter

smitter	Section	Question	Response
	Existing Transmitter Description	Type of change	Retune Existing
		Use	Auxiliary (Backup)
		Ownership	Owned
		Owner	N/A
		Is this transmitter currently shared with another station?	No
		Is this transmitter currently in operating condition?	Yes
	Existing Transmitter	Manufacturer	Harris
	Manufacturer and Type	Model	ULX-6300
		Year	2011
		Туре	Solid State

Solid State Cooling	Liquid Cooled
Solid State Power capacity	6 kW

Retuning Transmitter Costs

Auxiliary Transmitter

	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

Auxiliary Other Transmitter Costs

ransmitter	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

Auxiliary	Other Transmitter Cost Not Listed		
Transmitter	Name	Description	
	Filter re-tuning cost	On site re-tuning of transmitter and filter	

Primary Transmitter	Add Transmitter Information			
	Section	Question	Response	
	Existing Transmitter Description	Type of change	Purchase New	
		Use	Primary (Main)	
		Description of Use	N/A	
		Ownership	Owned	
		Owner	N/A	
		Site	N/A	
		Is this transmitter currently shared with another station?	No	
		Is this transmitter currently in operating condition?	Yes	
	Existing Transmitter Manufacturer and Type	Manufacturer		
		Model	SigmaCD - P2	
		Year	2001	
		Туре	Inductive Output Tube	
		IOT Power Type	Two	
		Power Capacity	60 kW	

Primary Transmitter	New Transmitter Costs			
	Section	Question	Response	
	New Transmitter	Use	Primary (Main)	
		Change Type	Purchase New	
		Is this a request for upgraded equipment?	Yes	
		Manufacturer		
		Model	ULXTE-80	
		Transmitter Type	Solid State	
		Solid State Cooling	Liquid Cooled	
		Solid State Power capacity	47 kW	
		Justification for New Transmitter	Manufacturer has stated current transmitter can not be re- tuned. Next lower Transmitter size allows for unacceptable headroom. E- Pole add doesn't affect transmitter selected.	

Primary Transmitter	Other Transmitter Costs			
	Section	Question	Response	
	Electrical Service	Service Entrance (3 phases 800A 208V)	Yes	
		Switchgear (industrial 800 amp)	Yes	
		Transformer (480V)	No	
		Power	N/A	

Other Transmitter Costs

	Rigid Conduit and Wiring	Yes
	Size	2 inches
	Length	400.0 feet
	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

Other Transmitter Cost Not Listed PrimaryOther Transmitter CoTransmitterInformation not provided.

Antennas Section		Question	Response
Antenna Rela	ated Expenses	Do you have antenna related expenses?	Yes

Primary	Add Antenna Information			
Antenna	Section	Question	Response	
	Existing Antenna Description	Type of change	Purchase New	
		Antenna Use	Primary (Main)	
		Description of Use	N/A	
		Ownership	Owned	
		Owner	N/A	
		Site	N/A	
		Is this antenna currently shared with any other stations?	No	
		Is this 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	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Horizontal	
		Туре	Slotted Coaxial	
		Number of Stations Supported	N/A	
		Number of Panels	N/A	
		Design power capacity in use	N/A	
		Lower Limit	N/A	
		Upper Limit	N/A	
		Other Antenna Type	N/A	
		ERP: (Effective Radiated Power)	1000.0 kW	
			,	

Manufacturer	
Model	TFU- 18DSC-R CT220SP
Year	2001

Primary	New Antenna Costs				
Antenna	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?	No		
		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		
		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)	922.0 kW		
		Manufacturer			

Model	TFU-30GTH /VP-R 06
Year	2018
Justification for New Antenna	Current will not work on assigned channel. E- pole Add top mount an estimated 82K to the antenna cost. Cost increase will be KIAHs responsibility

Primary Other Antenna Costs

Antenna	Section	Question	Response
	Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
		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?	Yes
		Broadband or Single Channel?	Single Channel
		Feed Line Size	8 3/16 inches inches
	Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No

Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Primary
Antenna Other Antenna Cost Not Listed Name Description Bird Cage mount Mount adaptor to tower

Interim Antenna	New Antenna Costs			
	Section	Question	Response	
	New Antenna Description	Use	Interim	
		Description of Use	N/A	
		Change Type	Rent Temporary	
		Ownership	Owned	
		Owner	N/A	
		Is antenna shared?	No	
		Is antenna directional?	Yes	
		Will antenna be located on or in close proximity to an antenna farm?	Yes	
	New Antenna Manufacturer and Type	Class	Full Power	
		Mounting	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Horizontal	
		Туре	Broadband Slot	
		Number of Stations Supported	1	
		Number of Panels/Bays	8	
		Lower Limit	470.00 MHz	
		Upper Limit	602.00 MHz	
		Design power capacity in use	50.0 %	
		Other Antenna Type	N/A	
		ERP: (Effective Radiated Power)	200.0 kW	
		Manufacturer		
		Model	TFU-WB8	
		Year	2018	

Other Antenna Costs

Interim Antenna

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 Other Antenna Cost Not Listed

Antenna Information not provided.

Transmissior	n Seffien	Question	Response
	Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Existing Transmission Line Primary Existing Transmission

ion L	ection	Question	Response
	Existing Transmission Line Description	Type of change	Utilize Existing
		Use	Primary (Main)
		Description of Use	N/A
		Ownership	Owned
		Owner	N/A
		Site	N/A
		Is the existing transmission line shared with another station or stations?	No
		Is Transmission Line in operating condition?	Yes
	Existing Transmission Line Manufacturer and	Manufacturer	ERI
	ype	Туре	Rigid
	Diameter	8 3/16 inches	
		Other Diameter	N/A
		Segment Length	19 3/4 inches
		Other Segment Length	N/A
		Number of parallel runs	1
		Length	2100 feet per run

Other Transmission Line Expenses Not Listed Transmission Line Expenses Not Listed

Interim	New Transmission Line		
Transmissio	n Line Section	Question	Response
	New Transmission Line Costs	Use	Interim
		Description of Use	N/A
	Change Type	Lease New	
	Туре	Rigid	
	Diameter	6 1/8 inches	
	Segment Length	19 ½ '	
		Other Segment Length	
		Number of parallel runs	1
		Length	1900 feet per run
	Justification for New Transmission Line	Interim transmission line to support channel change.	

Interim Other Transmission Line Expenses Not Listed Transmission

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

Primary	Existing Tower

Primary Tower	Section	Question	Response
	Existing Tower Description	Type of change	Modify Existing
		Tower Use	Primary (Main)
		Description of Use	N/A
		Ownership	Owned
		Is this tower consider Complex?	Candelabra
		Is this tower currently shared with any other stations?	Yes
	Existing Tower Structure	One or more FM, AM or TV radio broadcaster(s)	Yes
		Others Types of Users	No
		Is tower documented for structural analysis?	Yes
		Is tower compliant with Rev G?	No
		Do you have a tower registration number?	Yes
Registration	Registration	ASR Number	1047348
	Coordinates (<u>NAD83</u> (North American Datum of 1983))	Latitude (NAD83)	29° 34' 07.0" N-
		Longitude (NAD83)	095° 29' 58.0" W-
		Overall Structure Height	1970.12 feet
		Support Structure Height	1869.40 feet
		Ground Elevation Above Mean Sea Level (AMSL)	79.07 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	HOUSTON TOWER JOINT VENTURE
Date Constructed	03/08/1985

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
53117	KPRC-TV	DTV

Primary Tower Modification Costs

Tower

Tower

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

Primary Tower Rigging Costs

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

Other Tower Expenses Not Listed Primary Tower

Information not provided.

	3
ExplanationLoc main of pOutside RF consulting Engineering ServicesPerform engineering study for new channel assignment and antenna developmentYes Prepare engineering section of Form FCC Construction Permit Application	
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)
Engineering Services assignment and antenna development Prepare engineering section of Form FCC Yes Construction Permit Application Image: Construction Permit Application	al nagement project
Construction Permit Application	5
For Auxiliary Facility No	3
For Main Facility Yes	3
Prepare engineering section of Form FCC Yes License to Cover Application	3
For Auxiliary Facility No	
For Main Facility Yes	3
Prepare request for Special Temporary Yes Authority	3
Quantity 2	
Do you have Distributed Transmission N/A System engineering services?	X
Critical Facility N/A	
Terrain-Shielded Facility N/A	N
Attorney and OtherPrepare and file Form FCC ConstructionNoOutside ConsultingPermit Application	
Services For Auxiliary Facility N/A	N
For Main Facility N/A	
Prepare and file Form FCC License to No Cover Application	
For Auxiliary Facility N/A	۱.

	For Main Facility	N/A
	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
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	No
	Address transition timing and coordination issues w/ other stations and wireless providers	No
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	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 roostsided.

Other	Section	Question	Response
Expenses	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	Yes
		Non-zoning permits	No
		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?	No
		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.

Transmitters

Cost Information

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

			Estimated		
Description	Predetermined Cost Estimate	Estimated Cost	Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter ULXTE-80	\$1,536,000.00	\$1,210,000.00		\$738,741.30	
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$1,150,000.00	N/A	\$738,741.30	N/A
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$13,700.00	N/A	N/A	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	N/A	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$10,400.00	\$10,000.00	N/A	N/A	N/A
Auxiliary Transmitter ULX-6300	\$134,510.00	\$21,000.00		\$13,038.04	
UHF and VHF - minor banding issues	\$105,200.00	\$0.00	N/A	N/A	N/A
10 kW mask filter	\$8,310.00	\$0.00	N/A	N/A	N/A
Filter re- tuning cost	\$21,000.00	\$21,000.00	N/A	\$13,038.04	N/A

Sub-total	\$1,670,510.00	\$1,231,000.00	N/A	\$751,779.34	N/A
Total for all systems	\$3,311,795.00	\$2,131,215.00	N/A	\$1,251,080.30	N/A

Components

Actual Information Description	File Name	
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	Component Description:	Deposit for primary transmitter ULXTE-80
	Amount:	\$369,370.65
	Component Description:	2nd payment for primary transmitter ULXTE-80
	Amount:	\$369,370.65
Service entrance 3 phase /800 amp/208 volt	Information not provided.	
Switchgear - industrial 800 amp	Information not provided.	
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	
UHF and VHF - minor banding issues	Information not provided.	
10 kW mask filter	Information not provided.	

Filter re-tuning cost		
	Component Description:	Deposit for Re
		tune, Channel
		change
	Amount:	\$6,519.02
	Component Description:	2nd payment for
		Re tune, Channel
		change
	Amount:	\$6,519.02

Antennas

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
Interim Antenna TFU-WB8	\$334,880.00	\$136,400.00		\$46,192.50	
Interim antenna rental and installation - Cost will depend on antenna size and height and /or complexity of tower.	\$115,500.00	\$75,000.00	N/A	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$0.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$5,760.00	N/A

UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	\$189,500.00	\$55,000.00	N/A	\$40,432.50	N/A
Primary Antenna TFU-30GTH /VP-R 06	\$330,480.00	\$199,800.00		\$194,915.00	
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$160,400.00	242385 Antenna cost 82000 KIAH responsibility 160385	\$160,400.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$5,760.00	N/A
Bird Cage mount	\$19,000.00	\$19,000.00	N/A	\$16,497.00	N/A
Elbow complex, single channel, at antenna input, per 8 3/16. feedline (if needed)	\$15,250.00	\$14,000.00	N/A	\$12,258.00	N/A
Sub-total	\$665,360.00	\$336,200.00	N/A	\$241,107.50	N/A
Total for all	\$3,311,795.00	\$2,131,215.00	N/A	\$1,251,080.30	N/A

Components

Actual Information Description	File Name	
Interim antenna rental and installation - Cost will depend on antenna size and height and/or complexity of tower.	Information not provided.	
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.	
Sweep test of existing antenna	Component Description:	Deposit - Engineer on site
	Amount:	sweep test \$2,880.00
	Component Description:	2nd payment - Engineer on site sweep test
	Amount:	\$2,880.00
UHF - Lower Power Side Mount, One station - 200-500		
kW, horizontally polarized	Component Description:	deposit - AUX Antenna TFU- 8WB C160
	Amount:	\$20,216.25
	Component Description:	2nd payment - AUX Antenna TFU-8WB C160
	Amount:	\$20,216.25

UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	Component Description:	payment for primary antenna TFU-30GTH/VP-
	Amount:	R O6 \$80,200.00
	Component Description:	payment primary antenna TFU- 30GTH/VP-R O6
	Amount:	\$80,200.00
Sweep test of existing antenna		
	Component Description:	payment - Engineer on site sweep test
	Amount:	\$2,880.00
	Component Description:	payment - Engineer on site sweep test
	Amount:	\$2,880.00
Bird Cage mount		
	Component Description:	payment - Bird Cage for top mount antenna attachment
	Amount:	\$8,248.50
	Component Description:	payment - Bird Cage for top mount antenna attachment
	Amount:	\$8,248.50

Elbow complex, single channel, at antenna input, per 8 3/16. feedline (if needed)	Component Description:	payment - elbow complex 8 3/16" includes 4 elbows and a cut section
	Amount:	\$6,129.00
	Component Description:	payment - elbow complex 8 3/16"
	Amount:	includes 4 elbows and a cut section \$6,129.00

Transmission Line

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
Interim Transmission Line	\$383,800.00	\$275,000.00		\$253,943.46	
Rigid Transmission Line - copper, 6 1/8"	\$383,800.00	\$275,000.00	N/A	\$253,943.46	N/A
Primary Transmission Line	\$0.00	\$0.00		\$0.00	
Sub-total	\$383,800.00	\$275,000.00	N/A	\$253,943.46	N/A
Total for all systems	\$3,311,795.00	\$2,131,215.00	N/A	\$1,251,080.30	N/A

Components

Actual Information	
Description	File Name

Rigid Transmission Line - copper, 6 1/8"	Component Description: Amount:	2nd payment - transmission line copper 6 1/8" 75 OHM \$123,267.33
	Component Description: Amount:	deposit - jumper 4" air flex HJ11-50 20ft \$3,704.40
	Component Description:	deposit - transmission line
	Amount:	copper 6 1/8" 75 OHM \$123,267.33
	Component Description:	2nd payment - jumper 4" air flex HJ11-50 20ft
	Amount:	\$3,704.40

Tower Equipment and Rigging Costs

Cost Information

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

Description Primary	Predetermined Cost Estimate \$433,600.00	Estimated Cost \$137,000.00	Estimated Cost Justification	Actual Cost \$0.00	Actual Cost Justification
Tower TOWER	¥400,000.00	¥137,000.00		40.00	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$125,000.00	N/A	N/A	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,000.00	N/A	N/A	N/A
Sub-total	\$433,600.00	\$137,000.00	N/A	\$0.00	N/A
Total for all systems	\$3,311,795.00	\$2,131,215.00	N/A	\$1,251,080.30	N/A

Components

Information not provided.

Outside Professional Services

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	\$100,445.00	\$94,500.00		\$0.00	
RF Exposure Measurements	\$21,050.00	\$20,000.00	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
Prepare request for Special Temporary Authorization	\$4,100.00	\$3,000.00	N/A	N/A	N/A
Project management of the transition	\$63,200.00	\$60,000.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	N/A	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
Sub-total	\$100,445.00	\$94,500.00	N/A	\$0.00	N/A
Total for all systems	\$3,311,795.00	\$2,131,215.00	N/A	\$1,251,080.30	N/A

Components

Information not provided.

Other Expenses

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
Other Expenses	\$58,080.00	\$57,515.00		\$4,250.00	
Develop and air announcement of upcoming channel change	\$0.00	\$0.00	N/A	N/A	N/A
MVPD Notification of Channel Change	\$11,000.00	\$11,000.00	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
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
Local Zoning	\$10,000.00	\$10,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$25,000.00	\$25,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$4,250.00	N/A
Sub-total	\$58,080.00	\$57,515.00	N/A	\$4,250.00	N/A

Total for all	\$3,311,795.00	\$2,131,215.00	N/A	\$1,251,080.30	N/A
systems					

Components

Actual Information Description	File Name	
Develop and air announcement of upcoming channel change	Information not provided.	
MVPD Notification of Channel Change	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
Local Zoning	Information not provided.	
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.	
DTV Medical Facility Notification	Component Description:	Medical notificaton \$4,250.00
		÷ .,200,000

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$3,311,795.00	\$2,131,215.00	\$1,251,080.30

Reimbursem	entestatus	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

Certification	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.	
		 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. 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).
- 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 above- named applicant for the Authorization(s) specified above.	Teri Ann Guillory Broadcasting Operations 09/06/2018

Attachments