

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID: File	1	Service: DTV	Call Sign:	KATU	Channel: 24 (UHF)
Number:	00000	20300			
FRN: 00 2	23174519	Date	09/20		
		Submitted:	/2018		

Applicant Name, Type, and Contact Information

Applicant Information

า	Applicant	Address	Phone	Email	Applicant Type
	SINCLAIR PORTLAND LICENSEE, LLC Doing Business As: SINCLAIR PORTLAND LICENSEE, LLC	Harvey Arnold 10706 Beaver Dam Road Cockeysville, MD 21030 United States	+1 (410) 568- 1500	harnold@sbgtv. com	Limited Liability Company

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Preparer Contact Name and Information

Contact Information	Applicant	Address	Phone	Email
	Paul A. Cicelski , Esq . Lerman Senter PLLC	Paul A. Cicelski, Esq. 2001 L Street NW Suite 400 Washington, DC 20036 United States	+1 (202) 416- 6756	pcicelski@lermansenter. com

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	See Exhibit A.

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

Primary	Existing Transmitter Information					
Transmitter	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	DTT50KW4			
		Year	2000			
		Туре	Inductive Output Tube			
		IOT Power Type	Two			
		Power Capacity	50 kW			

Existing Transmitter Information

Primary	New Transmitter Costs					
Transmitter	Section	Question	Response			
	New Transmitter	Use	Primary (Main)			
		Change Type	Purchase New			
		Is this a request for upgraded equipment?	Yes			
		Manufacturer				
		Model	ULXTE-72			
		Transmitter Type	Solid State			
		Solid State Cooling	Liquid Cooled			
		Solid State Power capacity	43.5 kW			
		Justification for New Transmitter	The current transmitter cannot be retuned because the manufacturer is out of business.			

Primary	Other Transmitter Costs					
Transmitter	Section	Question	Response			
	Electrical Service	Service Entrance (3 phases 800A 208V)	No			
		Switchgear (industrial 800 amp)	Yes			
		Transformer (480V)	Yes			
		Power	300 kVA			
		Rigid Conduit and Wiring	Yes			
		Size	2 inches			
		Length	800.0 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

Primary Other Transmitter Co Transmitter Information not provided.

Interim	New Transmitter Costs					
Transmitter	Section	Question	Response			
	New Transmitter	Use	Interim			
		Description of Use	N/A			
		Change Type	Purchase			
		Manufacturer				
		Model	THU9evo-4			
		Transmitter Type	Solid State			
		Solid State Cooling	Liquid Cooled			
		Solid State Power capacity	10 kW			
		Justification for New Transmitter	Power increase and new purchase are the result of moving this aux transmitter to a new tower location, to serve a larger population in the community of license, and because this is a longer duration project in a major market for at least 2 months.			

nterim	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	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
	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 Rela	ated Expenses	Do you have antenna related expenses?	Yes

Primary	Existing 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 the existing antenna shared with another station or stations?	Yes	
		Is the existing antenna directional?	No	
		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	Тор	
		Polarization	Horizontal	
		Туре	Broadband Panel	
		Number of Stations Supported	3	
		Number of Panels	80	
		Design power capacity in use	100.0 %	
		Lower Limit	470.00 MHz	
		Upper Limit	806.00 MHz	
		Other Antenna Type	N/A	
		ERP: (Effective Radiated Power)	1000.0 kW	

Manufacturer	
Model	PHP80E
Year	1999

Facility ID's and Call Signs of all stations with whom the antenna is shared.

Facility ID	Call Sign
10192	KRCW-TV
35380	KOIN

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?	Yes	
		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	Broadband Panel	
		Number of Stations Supported	4	
		Number of Panels/Bays	64	
		Lower Limit	478.00 MHz	
		Upper Limit	598.00 MHz	
		Design power capacity in use	72.0 %	
		Other Antenna Type	N/A	
		ERP: (Effective Radiated Power)	678.0 kW	
		Manufacturer		

Model	TUM25-O4- 16/64H-2-R- T
Year	2017
Justification for New Antenna	Current antenna pattern performance does not conform to the former pattern and is not field optimized. See Exhibit C.

Primary Other Antenna Costs

Antenna	Section	Question	Response
Combiner for Shared Antenna		Do you need a Combiner for a Shared Antenna?	Yes
		Туре	New
		Number of channels supported	3
		Frequencies of channels supported	RF channel
		Frequency	N/A
		Do you need a combiner output splitter /switcher for dual feed lines?	Yes
	Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
		Broadband or Single Channel?	Broadband
		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

Enter a list of RF channel numbers.

RF C	hannel	Numbe	r	
33				
24				
25				

Primary Other Antenna Cost Not Listed

Antenna Information not provided.

Interim	New Antenna Costs			
Antenna	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?	Yes	
		Is antenna directional?	No	
		Will antenna be located on or in close proximity to an antenna farm?	Yes	
	New Antenna Manufacturer and Type	Class	Full Power	
		Mounting	Top Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Elliptical	
		Туре	Broadband Panel	
		Number of Stations Supported	4	
		Number of Panels/Bays	24	
		Lower Limit	470.00 MHz	
		Upper Limit	598.00 MHz	
		Design power capacity in use	1.0 %	
		Other Antenna Type	N/A	
		ERP: (Effective Radiated Power)	1.0 kW	
		Manufacturer		
		Model	TUM-O4-8 /32H-1-R-T	
		Year	2017	

Other Antenna Costs

Interim Antenna

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Туре	New
	Number of channels supported	3
	Frequencies of channels supported	RF channel
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	No
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?	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

Enter a list of RF channel numbers.

RF Channel Number 24 25 33

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

ransmissio	n Section	Question	Response
	Existing Transmission Line Description	Type of change	Purchase New
		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?	Yes
		Is Transmission Line in operating condition?	Yes
	Existing Transmission	Manufacturer	
	Line Manufacturer and Type	Туре	Flexible A
		Diameter	5 inches
		Other Diameter	N/A
		Segment Length	N/A
		Other Segment Length	N/A
		Number of parallel runs	4
		Length	1100 feet per run

Primary Existing Transmission Line

Facility ID's and Call Signs of all stations with whom the transmission line is shared.

Facility ID	Call Sign
10192	KRCW-TV
35380	KOIN

Primary	New Transmission Line			
Transmissio	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	2	
		Length	1140 feet per run	
		Justification for New Transmission Line	New antenna design is a dual feed input, so the new diameter will handle the input from the three stations for post-repack and the old line will not function for this purpose.	

Primary Other Transmission Line Expenses Not Listed

Primary Other Transmission Transmission

Interim	New Transmission Line		
Transmissio	n Section	Question	Response
	New Transmission Line	Use	Interim
	Costs	Description of Use	N/A
		Change Type	Purchase New
		Туре	Rigid
		Diameter	6 1/8 inches
		Segment Length	Broadband
		Other Segment Length	
		Number of parallel runs	1
		Length	1000 feet per run
		Justification for New Transmission Line	This line will share the signals of three stations during the main antenna replacement.

Interim Other Transmission Line Expenses Not Listed

Transmission home tion not provided.

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

Auxiliary	Add Tower			
Tower	Section	Question	Response	
	Existing Tower Description	Type of change	Modify Existing	
		Tower Use	Auxiliary (Backup)	
		Description of Use	KATU Skyline (Backup) Tower Site	
		Ownership	Owned	
		Is this tower consider Complex?	No	
		Is this tower currently shared with any other stations?	Yes	
		One or more FM, AM or TV radio broadcaster(s)	No	
		Others Types of Users	Yes	
		Is tower documented for structural analysis?	No	
		Is tower compliant with Rev G?	Unknown	
	Existing Tower Structure	Do you have a tower registration number?	Yes	
	Registration	ASR Number	1035761	
	Coordinates (<u>NAD83</u> (North American Datum of 1983))	Latitude (NAD83)	45° 31' 13.0" N-	
		Longitude (NAD83)	122° 44' 41.0" W-	
		Overall Structure Height	918.62 feet	
		Support Structure Height	812.00 feet	

Ground Elevation Above Mean Sea Level (AMSL)	954.38 feet
Structure Type	TOWER - Free Standing o Guyed Structure
Tower Owner	Sinclair Portland Licensee, LLC
Date Constructed	08/15/1973

Other Types of Users

Users

KEVE-LD

Customs Border

Auxiliary Tower Section Ou

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:	Major Reinforcements needed

Auxiliary	Tower Rigging Costs		
Tower	Section	Question	Response
	Tower Rigging Costs	Complex Tower	N/A

Other Tower Expenses Not Listed Auxiliary Tower

Information not provided.

Primary	Existing Tower			
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?	No	
		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	Yes	
		Is tower documented for structural analysis?	Yes	
		Is tower compliant with Rev G?	Yes	
	Existing Tower Structure Registration	Do you have a tower registration number?	Yes	
		ASR Number	1207367	
	Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	45° 30' 57.8" N-	
		Longitude (NAD83)	122° 44' 03.1" W-	
		Overall Structure Height	989.82 feet	
		Support Structure Height	920.92 feet	
		Ground Elevation Above Mean Sea Level (AMSL)	1059.04 feet	
		Structure Type	TOWER - Free Standing or Guyed Structure	

Tower Owner	Sylvan Tower Co., LLC
Date Constructed	02/09/2000

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
4115	KLTH	FM
26932	KXL-FM	FM
12551	KXJM	FM
4114	KUPL	FM
53068	KINK	FM
47707	KNMT	DTV

Other Types of Users

Users

Satellite Radio

Cellular

Tower

Primary Tower Modification Costs

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:	Minor Reinforcements needed

Primary Tower	Tower Rigging Costs				
	Section	Question	Response		
	Tower Rigging Costs	Complex Tower	N/A		
	Helicopter Services Required	Are helicopter services required?	No		

Other Tower Expenses Not Listed

PrimaryOther Tower ExpenseTowerInformation not provided.

Outside Professional	Section	Question	Response
	Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
		Number of Hours	600
		Explanation	Outside consulting engineering, legal work, and accounting services, as well as project management for regional and comprehensive repack execution.
	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 Services	Prepare and file Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	2
	NEPA Section 106 environmental review	Yes
	Environmental Assessment	Yes
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	Negotiation of Lease and other Matter for Shared Locations	Yes
	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

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	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 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).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmitter THU9evo-4	\$504,900.00	\$145,467.50		\$0.00	
2" Rigid Conduit and Wiring (Cost per foot)	\$10,400.00	\$10,000.00	N/A	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	\$494,500.00	\$135,467.50	See Rohde & Schwarz attached quote and PO #12719. Includes power meter cost.	N/A	N/A
Primary Transmitter ULXTE-72	\$1,568,800.00	\$1,416,633.33		\$363,338.78	
2" Rigid Conduit and Wiring (Cost per foot)	\$20,800.00	\$20,000.00	N/A	N/A	N/A
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$35,000.00	N/A	N/A	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	N/A	N/A

UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$1,325,333.33	See Response to August 22 Inquiry.	\$363,338.78	Second item should be removed as we've uploaded revised version.
Sub-total	\$2,073,700.00	\$1,562,100.83	N/A	\$363,338.78	N/A
Total for all systems	\$7,152,111.00	\$4,107,719.83	N/A	\$606,755.23	N/A

Components

Actual Information Description	File Name
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	Information not provided.
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
Transformer 3 phase/480v - 300 KVA	Information not provided.
Switchgear - industrial 800 amp	Information not provided.

UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	Component Description:	Transmitter downpayment. #9500074924
	Amount:	\$181,643.04
	Component Description	Transmitter cost.
	Component Description:	#9500078585
	Amount:	\$33,866.88
	Component Description:	Transmitter
		downpayment.
		#9500074924
	Amount:	\$181,695.74

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 TUM-O4-8 /32H-1-R-T	\$1,194,630.00	\$531,484.00		\$0.00	
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	\$13,700.00	\$13,000.00	N/A	N/A	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$80,000.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
UHF - High Power Top Mount (200-1000 kW), Four Station broadband panel antenna, elliptically or circularly polarized	\$1,090,000.00	\$432,084.00	See Response to August 22 Inquiry.	N/A	N/A

Primary Antenna TUM25-O4- 16/64H-2-R- T	\$1,325,880.00	\$307,681.25		\$4,097.50	
Elbow complex, broadband, at antenna input, per 8 3/16. feedline (if needed)	\$18,950.00	\$18,000.00	N/A	N/A	N/A
Combiner output splitting /switching for dual feed lines, if applicable	\$126,000.00	\$30,000.00	See Response to August 22 Inquiry.	N/A	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$80,000.00	N/A	N/A	N/A
UHF - High Power Top Mount (200-1000 kW), Four Station broadband panel antenna, elliptically or circularly polarized	\$1,090,000.00	\$173,281.25	See Response to August 22 Inquiry.	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$4,097.50	N/A
Sub-total	\$2,520,510.00	\$839,165.25	N/A	\$4,097.50	N/A

Actual Information Description	File Name	
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.	
New combiner, cost per channel (without antenna)	Information not provided.	
Sweep test of existing antenna	Information not provided.	
UHF - High Power Top Mount (200-1000 kW), Four Station broadband panel antenna, elliptically or circularly polarized	Information not provided.	
Elbow complex, broadband, at antenna input, per 8 3/16. feedline (if needed)	Information not provided.	
Combiner output splitting /switching for dual feed lines, if applicable	Information not provided.	
New combiner, cost per channel (without antenna)	Information not provided.	
UHF - High Power Top Mount (200-1000 kW), Four Station broadband panel antenna, elliptically or circularly polarized	Information not provided.	
Sweep test of existing antenna	Component Description: Amount:	Antenna sweep Sylvan tower \$4,097.50

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	\$232,000.00	\$221,000.00		\$0.00	
Rigid Transmission Line - copper, 6 1 /8" broadband	\$232,000.00	\$221,000.00	N/A	N/A	N/A
Primary Transmission Line	\$909,720.00	\$133,122.75		\$0.00	
Rigid Transmission Line - copper, 8 3 /16" broadband	\$909,720.00	\$133,122.75	See Response to August 22 Inquiry.	N/A	N/A
Sub-total	\$1,141,720.00	\$354,122.75	N/A	\$0.00	N/A
Total for all systems	\$7,152,111.00	\$4,107,719.83	N/A	\$606,755.23	N/A

Components

Information not provided.

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	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower TOWER	\$381,100.00	\$362,000.00	Justineation	\$5,611.00	Justineation
Tall Tower (greater than 500')	\$210,500.00	\$200,000.00	N/A	\$0.00	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,000.00	N/A	\$5,611.00	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	N/A	N/A	N/A
Auxiliary Tower TOWER	\$657,800.00	\$625,000.00		\$196,372.70	
Major tower reinforcement /modifications	\$421,000.00	\$400,000.00	N/A	\$196,372.70	N/A
Tall Tower (greater than 500')	\$210,500.00	\$200,000.00	N/A	N/A	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$25,000.00	N/A	N/A	N/A

Sub-total	\$1,038,900.00	\$987,000.00	N/A	\$201,983.70	N/A
Total for all systems	\$7,152,111.00	\$4,107,719.83	N/A	\$606,755.23	N/A

Actual Information Description	File Name	
Tall Tower (greater than 500')	Component Description: Amount:	25 percent of the the related tower cost. #9500078585 \$33,866.88
Structural engineering tower load study for well documented tower	Component Description: Amount:	Structural tower cost. #148379 \$2,750.00
	Component Description: Amount:	Structural tower cost. #148379 \$2,750.00
	Component Description: Amount:	Blueprint Scan - KATU Tower. \$111.00
	Component Description: Amount:	Engineering structural analysis. \$2,750.00
Minor tower reinforcement /modifications	Information not provided.	

Major tower reinforcement /modifications	Component Description:	Architect for tree protection plan
	Amount:	cost. #KATU-1 \$1,725.00
	Component Description:	Tree removal cost for tower work.
	Amount:	#560961 \$14,840.00
	Component Description:	Tree removal for tower work.
	Amount:	#560961 \$14,840.00
	Component Description:	Structural Tower Costs. #E-
	Amount:	148373A \$179,807.70
Tall Tower (greater than 500')	Information not provided.	
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	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	\$248,585.00	\$237,200.00		\$25,684.25	
Project management of the transition	\$94,800.00	\$90,000.00	N/A	\$13,367.04	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	N/A
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$2,000.00	N/A	N/A	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	N/A	N/A
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	\$10,520.00	\$10,000.00	N/A	N/A	N/A

NEPA Section 106 environmental review, if needed	\$6,310.00	\$6,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$7,360.00	\$7,000.00	See Response to August 22 Inquiry.	N/A	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	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	\$221.92	N/A
Prepare request for Special Temporary Authorization	\$4,100.00	\$3,000.00	See Response to August 22 Inquiry.	N/A	N/A

RF Consulting Engineer Fees- Aux Antenna: engineering section of FCC Form 2100, License to Cover Application\$1,580.00\$1,500.00N/AN/AN/APrepare engineering section of FCC Form 2100, (main), License to to Cover Application\$1,580.00\$1,500.00N/AN/AN/ARF Consulting engineering section of FCC Form 2100 (main), License to Cover Application\$1,580.00\$1,500.00N/AN/AN/ARF Consulting engineering section of FCC Form 2100 (main), License to Cover Application\$2,105.00\$2,000.00N/AN/AN/ARF Consulting engineering section of FCC Form 2100, Construction Permit Application\$2,105.00\$2,000.00N/AN/AN/APrepare engineering section of FCC Form 2100, Construction Permit Application\$3,155.00\$3,000.00N/A\$2,212.50N/APrepare engineering section of FCC Form 2100, (main), Construction Permit Application\$7,360.00\$7,000.00N/A\$5,482.50N/APerform engineering sudy for new channel and antennal evelopment\$7,360.00\$7,000.00N/A\$5,482.50N/A							
engineering section of FCC Form 2100 (main), License to Cover Application RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application Prepare engineering section of FCC Form 2100, Construction Permit Application Prepare engineering section of FCC Form 2100, Construction Permit Application Prepare engineering section of FCC Form 2100 (main), Construction Permit Application Preform engineering study for new channel assignment and antenna	Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover	\$1,580.00	\$1,500.00	N/A	N/A	N/A	
Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application\$3,155.00\$3,000.00N/A\$2,212.50N/APrepare engineering section of FCC Form 2100 (main), Construction Permit Application\$3,155.00\$3,000.00N/A\$2,212.50N/APrepare engineering section of FCC Form 2100 (main), Construction Permit Application\$3,155.00\$3,000.00N/A\$2,212.50N/APreform engineering study for new channel assignment and antenna\$7,360.00\$7,000.00N/A\$5,482.50N/A	engineering section of FCC Form 2100 (main), License to Cover	\$1,580.00	\$1,500.00	N/A	N/A	N/A	
engineering section of FCC Form 2100 (main), Construction Permit Application Perform \$7,360.00 \$7,000.00 N/A \$5,482.50 N/A engineering study for new channel assignment and antenna	Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit	\$2,105.00	\$2,000.00	N/A	N/A	N/A	
engineering study for new channel assignment and antenna	engineering section of FCC Form 2100 (main), Construction Permit	\$3,155.00	\$3,000.00	N/A	\$2,212.50	N/A	
	engineering study for new channel assignment and antenna	\$7,360.00	\$7,000.00	N/A	\$5,482.50	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	\$4,450.00	Updated cost of estimated amount per FCC requirement.	\$4,400.29	N/A
Sub-total	\$248,585.00	\$237,200.00	N/A	\$25,684.25	N/A
Total for all systems	\$7,152,111.00	\$4,107,719.83	N/A	\$606,755.23	N/A

Actual Information Description	File Name	
Project management of the transition	Component Description: Amount:	Portion of general repack matter invoice attributable to this station - divided by 99 stations. #1086 \$275.35
	Component Description: Amount:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #1079 \$177.14

Component Description:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #463026 \$801.57
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 93 stations. #457331 \$836.44
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #1078 \$215.68
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #467378 \$576.96
Component Description: Amount:	Legal service cost. #467393 \$182.50

Portion of general repack matter invoice attributable to this station - divided by 98 stations. #465001 \$596.30
Portion of general repack matter invoice attributable to this station - divided by 93 stations. #453972 \$716.28
Legal Service Cost. #466705 \$302.50
Portion of general repack matter invoice attributable to this station - divided by 93 stations. Previous balance of invoice #453686. \$999.04
Portion of general repack matter invoice attributable to this station - divided by 93 stations. \$20.91

Component Description: Amount:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #1058 \$187.24
Component Description: Amount:	Legal Service Cost. #465190 \$240.00
Component Description: Amount:	Legal services cost. #464714 \$412.50
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #466690 \$446.87
Component Description: Amount:	Portion of general repack matter invoice attributable to this station - divided by 93 stations. #1010 \$86.88

Component Description: Amount:	Portion of general repack matter invoice attributable to this station - divided by 93 stations. #457851 \$818.59
Component Description: Amount:	Portion of general repack matter invoice attributable to this station - divided by 93 stations. \$32.35
Component Description: Amount:	Portion of general repack matter invoice attributable to this station - divided by 93 stations. \$43.72
Component Description: Amount:	Legal services cost. #463581 \$591.50
Component Description: Amount:	Portion of general repack matter invoice attributable to this station - divided by 93 stations. \$955.89

Component Description:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #464321 \$683.07
Component Description: Amount:	Legal services cost. #464372 \$84.50
Component Description: Amount:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #1063 \$262.29
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #1045 \$185.10
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #1039
Amount:	\$30.47

Component Description: Amount:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #1055 \$243.38
Component Description: Amount:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #1072 \$237.64
Component Description: Amount:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #461759 \$29.98
Component Description: Amount:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #1069 \$246.68

Component Description:	Portion of general repack matter invoice attributable to this station - divided by 93 stations. \$20.65
Component Description: Amount:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #1051 \$105.97
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #465173 \$654.26
Component Description: Amount:	Portion of general repack matter invoice attributable to this station - divided by 93 stations. \$731.72
Component Description: Amount:	Legal Service Cost. #466648 \$420.80

Component Description:	Portion of general repack matter invoice attributable to this station - divided by 93 stations. #453686 \$943.95
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 93 stations. Previous balance of invoice #1012. \$86.88
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #463567 \$566.48
Component Description: Amount:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #463026 \$815.02

	Component Description:	Portion of general repack matter invoice attributable to this station - divided by 93 stations. #461289 \$91.50
	Component Description: Amount:	Portion of general repack matter invoice attributable to this station - divided by 93 stations. \$912.81
Comprehensive coverage verification via field study, if needed	Information not provided.	
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.	
ASR modification (prepare FCC Form 854)	Information not provided.	
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	Information not provided.	
NEPA Section 106 environmental review, if needed	Information not provided.	
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.	
Attorney Fees - Negotiation of lease and other matters for shared locations	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	Component Description:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #461759 \$99.92
	Component Description:	Portion of genera repack matter invoice attributable to this station - divided by 93 stations. #461289 \$122.00
Prepare request for Special Temporary Authorization	Information not provided.	
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	Information not provided.	

Prepare engineering of FCC Form 2100 (r Construction Permit Application	nain)	nent Description: t:	Consulting engineering cost. \$2,212.50
Perform engineering for new channel assi and antenna develop	gnment Compo	nent Description: t:	Consulting engineering cost. \$5,482.50
Address transition tin and coordination issu other stations and wi	ies w/	tion not provided.	
Prepare and or revier reimbursement form		nent Description:	Portion of general repack matter invoice attributable to this station - divided by 93 stations. #461289
	Amoun	t:	\$1,311.48
	Compo	nent Description:	Legal services cost. #457836
	Amoun	t:	\$520.00
	Compo	nent Description:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #461759
	Amoun	t:	\$869.30
		nent Description:	Legal services cost. #460935
	Amoun	t:	\$230.60

Component Description:	Portion of general repack matter invoice attributable to this station - divided
	by 93 stations.
Amount:	\$152.01
Component Description:	Legal services
	cost.
Amount:	\$345.00
Component Description:	Legal services
	cost. #462931
	\$971.90

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	\$128,696.00	\$128,131.00		\$11,651.00	
MVPD Notification of Channel Change	\$5,000.00	\$5,000.00	See Exhibit J.	N/A	N/A
Develop and air announcement of upcoming channel change	\$28,050.00	\$28,050.00	See Response to August 22 Inquiry.	N/A	N/A
Equipment Storage	\$15,000.00	\$15,000.00	See Exhibit J.	N/A	N/A
Equipment Delivery and Handling Charges	\$10,000.00	\$10,000.00	See Exhibit J.	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$28,566.00	\$28,566.00	See Response to August 22 Inquiry.	N/A	N/A
Non-zoning permits	\$10,000.00	\$10,000.00	See Exhibit J.	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A

FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
Local Zoning	\$20,000.00	\$20,000.00	See Exhibit J.	\$7,901.00	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$3,750.00	N/A
Sub-total	\$128,696.00	\$128,131.00	N/A	\$11,651.00	N/A
Total for all systems	\$7,152,111.00	\$4,107,719.83	N/A	\$606,755.23	N/A

Actual Information Description	File Name
MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Storage	Information not provided.
Equipment Delivery and Handling Charges	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.
Non-zoning permits	Information not provided.
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
FCC Filing Fees - Form 2100 license to cover application	Information not provided.

Local Zoning **Component Description:** Permit. Receipt. #2099935 Amount: \$2,239.25 **Component Description:** Permit preparation. #3422. 50MAY2018 Amount: \$3,422.50 **Component Description:** Permit. Receipt #2099935 Amount: \$2,239.25 **Component Description:** Permit. Receipt #2099934 Amount: \$2,239.25 **Component Description:** Permit preparation. #3422. 50MAY2118 Amount: \$3,422.50 **Component Description:** Permit. Receipt. #2099934 Amount: \$2,239.25 **DTV Medical Facility** Notification **Component Description:** Medical notification mailing cost. #1078 \$3,750.00 Amount:

Cost Information	Grand Total				
		Predetermined Cost Estimate	Estimated Cost	Actual Cost	
	Total for all systems	\$7,152,111.00	\$4,107,719.83	\$606,755.23	

Reimbursem	envestiatus	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.	
an au name	are, under penalty of perjury, that I am thorized representative of the above- d applicant for the Authorization(s) ied above.	David B Amy Secretary, Sinclair Broadcast Group, Inc.

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISIONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).	
		 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. 	
		2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.	
		3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.	

- 4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
- 5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster **Relocation Fund are** necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

 8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission. 9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested. 	
I declare, under penalty of perjury, that I am an authorized representative of the above- named applicant for the Authorization(s) specified above.	David B Amy Secretary, Sinclair Broadcast Group, Inc.

Attachments