Approved by OMB (Office of Management and Budget) 3060-1178

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID: **22589** | Service: **DTV** | Call Sign: **KFDM** | Channel: **15 (UHF)**

File Number: **0000028619**

FRN: **0021268396** | Date Submitted: **05/13/2019**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
KFDM 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 Information

Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email
Paul A. Cicelski , Esq . *Lerman Senter PLLC*	2001 L St NW Suite 400 Washington, DC 20036 United States	+1 (202) 416-6756	pcicelski@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.	No
Briefly describe transition plan	See Exhibit A.

Transmitters

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

Primary Transmitter

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	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
Existing Transmitter Manufacturer and Type	Manufacturer	Harris
	Model	Power CD30D1
	Year	2005

	Type	Inductive Output Tube
	IOT Power Type	Single
	Power capacity	25 kW

Primary Transmitter

Retuning Transmitter Costs

Section	Question	Response
New IOT Tubes	Number of Tubes (including accessories) needed	1
New Mask Filter	Power	30 kW
	Other Power	N/A
New Exciter	Is a new exciter needed?	Yes
	Exciter Type	Dual exciter with changeover

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	Yes
	Size	2 inches
	Length	400.0 feet
	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes

	Type	Cooling Only
	Size	10 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	Yes
	Size	400.0
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

Information not provided.

Auxiliary Transmitter

Add Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Back-up
	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	Diamond Digital
	Year	2009
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	7.25 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	THU9-8
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	13 kW
	Justification for New Transmitter	Backup transmitter cannot be retuned per the manufacturer. See Exhibit C.

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	Yes
	Size	2 inches
	Length	100.0 feet
	Other Electrical Service	No

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

Other Transmitter Cost Not Listed

Information not provided.

Antennas

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

Primary Antenna

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	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?	No
	Is the existing antenna directional?	No
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	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)	350.0 kW

Manufacturer	
Model	ATW28H3-ETO-25H
Year	2009

Primary Antenna

New Antenna Costs

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?	No
	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?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	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)	277.0 kW
	Manufacturer	

Model	TFU-26GTH /VP-R-O4
Year	2017
Justification for New Antenna	Old antenna is a single channel antenna that cannot be used for the new post-auction channel.

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Type	
	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	6 1/8 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

Information not provided.

Interim Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Type	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Broadband Panel
	Number of Stations Supported	1
	Number of Panels/Bays	8
	Lower Limit	470.00 MHz
	Upper Limit	598.00 MHz
	Design power capacity in use	100.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	100.0 kW
	Manufacturer	
	Model	TFU-8WB-1-R
	Year	2017

	Justification for New Antenna	Interim antenna to be used to stay on the air while the main antenna undergoes construction for the post-auction channel change.

Interim Antenna

Other Antenna Costs

Section	Question	Response
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	S
	Feed Line Size	3 1/8 inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an antenna?	Yes
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Interim Antenna

Other Antenna Cost Not Listed

Information not provided.

Transmission Line

Section	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Primary Transmission Line

Existing Transmission Line

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?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	
	Type	Rigid
	Diameter	4 1/16 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1055 feet per run

Primary Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	Rigid
	Diameter	4 1/16 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1095 feet per run
	Justification for New Transmission Line	The section sizes are frequency-specific and the old transmission line cannot be used with the post-repack channel.

Primary Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

Interim Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	Rigid
	Diameter	3 1/8 inches
	Segment Length	20'
	Other Segment Length	
	Number of parallel runs	1
	Length	600 feet per run
	Justification for New Transmission Line	Interim transmission line will feed the interim antenna.

Interim Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

Tower Equipment And Rigging Costs

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

Primary Tower

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	No
	One or more FM, AM or TV radio broadcaster(s)	N/A
	Others Types of Users	N/A
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1040514
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	30° 08' 25.0" N-
	Longitude (NAD83)	093° 58' 45.0" W-
	Overall Structure Height	1030.83 feet
	Support Structure Height	863.18 feet
	Ground Elevation Above Mean Sea Level (AMSL)	18.04 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	KFDM Licensee, LLC
Date Constructed	10/10/1963

Primary Tower

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:	Major 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

Primary Tower

Other Tower Expenses Not Listed

Name	Description
Other Costs	Other Costs

Outside Professional Services Costs

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	470
	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

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

Information not provided.

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	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

Other Expenses Not Listed

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 Power CD30D1	**$797,218.23**	**$783,468.23**		**$236,724.66**	
Other -- Building Addition Size: 400.0	***$302,468.23***	$302,468.23	See Response to August 10 Inquiry - quote includes air conditioning.	$204,048.00	N/A
10 Ton system	$38,900.00	$37,000.00	N/A	N/A	N/A
2" Rigid Conduit and Wiring (Cost per foot)	$10,400.00	$21,000.00	Updated cost of estimated amount per FCC requirement.	$20,508.66	N/A
Single IOT system (25 kW)	$238,000.00	$226,000.00	N/A	$12,168.00	N/A
1 IOT Tubes	$127,500.00	$121,000.00	N/A	N/A	N/A
30 kW mask filter	$32,600.00	$31,000.00	N/A	N/A	N/A
Dual exciter system with change over	$47,350.00	$45,000.00	N/A	N/A	N/A

Auxiliary Transmitter THU9-8	**$497,100.00**	**$472,500.00**		**$12,305.55**	
2" Rigid Conduit and Wiring (Cost per foot)	$2,600.00	$2,500.00	N/A	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	$494,500.00	$470,000.00	N/A	$12,305.55	N/A
Sub-total	$1,294,318.23	$1,255,968.23	N/A	$249,030.21	N/A
Total for all systems	$2,983,851.33	$2,907,457.65	N/A	$1,037,475.12	N/A

Components

Actual Information Description	File Name
Other -- Building Addition Size: 400.0	**Component Description:** Building related costs. #002103 **Amount:** $196,182.00 **Component Description:** Building related cost. #002077 **Amount:** $7,866.00
10 Ton system	Information not provided.

2" Rigid Conduit and Wiring (Cost per foot)	**Component Description:** Transmitter related cost. #51159-A **Amount:** $18,182.43 **Component Description:** Tower related cost. #51388-B **Amount:** $670.00 **Component Description:** Transmitter related cost. #51388-C **Amount:** $1,656.23
Single IOT system (25 kW)	**Component Description:** Transmitter related cost. #002103 **Amount:** $12,168.00
1 IOT Tubes	Information not provided.
30 kW mask filter	Information not provided.
Dual exciter system with change over	Information not provided.
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	**Component Description:** Transmitter Related Cost. #20008905 **Amount:** $550.00 **Component Description:** Transmitter related cost. #20008872 **Amount:** $595.38

Component Description:	Transmitter cost. #002059
Amount:	$106,907.89
Component Description:	Security services, cover letter attached. #78403
Amount:	N/A
Component Description:	Transmitter Related Cost. #78403
Amount:	$2,068.66
Component Description:	Transmitter related cost. #20008880
Amount:	$595.38
Component Description:	Lull Rental Services, cover letter attached. #5261
Amount:	$10,564.79
Component Description:	Transmitter Related Cost. #5261
Amount:	$10,564.79

Cost Information

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Antenna TFU-8WB-1-R	**$140,580.00**	**$133,800.00**		**$47,178.30**	
Sweep test of existing antenna	$6,730.00	$6,400.00	N/A	N/A	N/A
Elbow complex, single channel, at antenna input, per 3 1/8. feedline (if needed)	$7,600.00	$7,400.00	N/A	$3,291.97	Second item should be removed.
Side mount brackets for high power antennas (if not included in antenna base cost)	$23,150.00	$22,000.00	N/A	N/A	N/A

UHF - Lower Power Side Mount, One Station antenna . medium power (50-200 kW), elliptically or circularly polarized	$103,100.00	$98,000.00	N/A	$43,886.33	N/A
Primary Antenna TFU-26GTH /VP-R-O4	**$308,530.00**	**$296,700.00**		**$184,509.45**	
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	$12,300.00	$11,700.00	N/A	$0.00	N/A
Sweep test of existing antenna	$6,730.00	$10,000.00	Updated cost of estimated amount per FCC requirement.	$9,893.12	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	$289,500.00	$275,000.00	N/A	$174,616.33	N/A

Sub-total	$449,110.00	$430,500.00	N/A	$231,687.75	N/A
Total for all systems	$2,983,851.33	$2,907,457.65	N/A	$1,037,475.12	N/A

Components

Actual Information Description	File Name
Sweep test of existing antenna	Information not provided.
Elbow complex, single channel, at antenna input, per 3 1/8. feedline (if needed)	**Component Description:** Total amount reduced by 20.02%. #24946 **Amount:** $3,291.97 **Component Description:** Antenna cost **Amount:** $4,116.00
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.
UHF - Lower Power Side Mount, One Station antenna . medium power (50-200 kW), elliptically or circularly polarized	**Component Description:** Freight cost. #214017 **Amount:** $2,565.47 **Component Description:** Total amount reduced by 20.02%. #24905 **Amount:** $41,320.86

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	**Component Description:** **Amount:**	Antenna related expense discounted by 20.02%. #214005 $8,236.34
Sweep test of existing antenna	**Component Description:** **Amount:**	Antenna related cost reduced by 20.02%. #274015 $5,118.72
	Component Description: **Amount:**	Antenna related cost reduced by 25.40%. #436018 $4,774.40
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	**Component Description:** **Amount:**	Discounted freight cost for antenna by 20.02%. #214017 N/A
	Component Description: **Amount:**	Total amount reduced by 20.02%. #198006 $174,616.33

Cost Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmission Line	**$62,400.00**	**$120,000.00**		**$93,250.58**	
Rigid Transmission Line - copper, 3 1/8"	$62,400.00	$120,000.00	Adjustment needs to be made because actual cost exceeds what the predicted cost would be due to additional expenses.	$93,250.58	N/A
Primary Transmission Line	**$155,490.00**	**$122,266.32**		**$122,266.32**	
Rigid Transmission Line - copper, 4 1 /16"	$155,490.00	$122,266.32	See Response to August 10 Inquiry.	$122,266.32	N/A
Sub-total	$217,890.00	$242,266.32	N/A	$215,516.90	N/A
Total for all systems	$2,983,851.33	$2,907,457.65	N/A	$1,037,475.12	N/A

Components

Actual Information Description	File Name

Rigid Transmission Line - copper, 3 1/8"	**Component Description:**	Transmission line equipment related cost discounted by 20.02%. #203006
	Amount:	$41,683.33
	Component Description:	Interim antenna shipping and handling. #209005
	Amount:	$1,303.27
	Component Description:	Freight attributed to transmission line cost discounted by 20.02%. #205005
	Amount:	$5,463.43
	Component Description:	Total amount reduced by 20.02%. #47002
	Amount:	$44,800.55
	Component Description:	Rigid transmission line.
	Amount:	$56,014.70

Rigid Transmission Line - copper, 4 1/16"	**Component Description:**	Transmission Line related cost. #274015
	Amount:	$2,748.91
	Component Description:	Antenna related cost. #215004
	Amount:	$19,147.95
	Component Description:	Transmission Line Related Cost. #775002SOA
	Amount:	$100,369.46
	Component Description:	Freight cost for transmission line discounted by 20.02%. #209005
	Amount:	N/A
	Component Description:	Transmission line cost discounted by 20.02%. #215004
	Amount:	$19,147.95

Cost Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower TOWER	**$665,792.10**	**$633,692.10**		**$294,465.10**	
Structural engineering tower load study for well documented tower	$12,600.00	$12,000.00	N/A	$5,500.00	The last item should be removed as we've uploaded revised version with purchase order and quote.
Major tower reinforcement /modifications	$421,000.00	$400,000.00	N/A	$164,507.40	Third items "Need More Information" should be removed.
Other Costs	***$21,692.10***	$21,692.10	N/A	$21,692.10	N/A
Tall Tower (greater than 500')	$210,500.00	$200,000.00	N/A	$102,765.60	Item "Need More Information" should be removed.
Sub-total	$665,792.10	$633,692.10	N/A	$294,465.10	N/A
Total for all systems	$2,983,851.33	$2,907,457.65	N/A	$1,037,475.12	N/A

Components

Actual Information Description	File Name

Structural engineering tower load study for well documented tower	**Component Description:**	Engineering structural analysis. #138030
	Amount:	$2,750.00
	Component Description:	Engineering structural analysis. #145249
	Amount:	$2,750.00
	Component Description:	Engineering structural analysis.
	Amount:	$2,750.00

Major tower reinforcement /modifications	**Component Description:**	42% payment. #E-173303
	Amount:	$33,815.46
	Component Description:	28% final. #E-173506
	Amount:	$22,543.64
	Component Description:	Tower related cost. #E-181135
	Amount:	$39,952.00
	Component Description:	Tower related cost. #E-173303
	Amount:	$33,815.46
	Component Description:	Tower related cost. #E-173506
	Amount:	$22,543.64
	Component Description:	30% downpayment. #E-149381
	Amount:	$44,042.40
	Component Description:	Tower construction cost. #E-149381
	Amount:	$44,042.40
	Component Description:	Partial payment of tower construction cost. #E-162627
	Amount:	$24,153.90
Other Costs		

Component Description: Other tower related costs. #78097
Amount: $2,153.09

Component Description: Other tower related cost. #79276
Amount: $2,068.66

Component Description: Other tower related cost. #78192
Amount: $2,068.66

Component Description: Tower related cost. #51794
Amount: $3,680.42

Component Description: Other tower related cost. #78956
Amount: $2,068.66

Component Description: Other tower related cost. #78287
Amount: $2,068.66

Component Description: Other tower related cost. #79395
Amount: $2,068.66

Component Description: Tower related cost. #78403
Amount: $2,068.66

Component Description: Other tower related cost. #79510
Amount: $316.63

	Component Description:	Tower related cost. #1130.00SEP0518
	Amount:	$1,130.00
	Component Description:	Tower related cost. #51596
	Amount:	$2,000.00
Tall Tower (greater than 500')	**Component Description:**	Tower related cost. #78403
	Amount:	$2,068.66
	Component Description:	Tower related cost, 60% of the balance of the order. #E173302
	Amount:	$61,659.36
	Component Description:	Tower related cost. #E-173391
	Amount:	$41,106.24
	Component Description:	27% final. #E-173391
	Amount:	$41,106.24

Cost Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	**$228,045.00**	**$216,900.00**		**$36,198.81**	
Comprehensive coverage verification via field study, if needed	$84,200.00	$80,000.00	N/A	$3,400.00	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	N/A	$57.50	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	$1,620.00	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	$402.62	N/A
Prepare request for Special Temporary Authorization	$4,100.00	$3,000.00	N/A	N/A	N/A

RF Consulting Engineer Fees-Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	$1,580.00	$1,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	$1,580.00	$1,500.00	N/A	N/A	N/A
RF Consulting Engineer Fees-Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	$2,105.00	$2,000.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	$3,155.00	$3,000.00	N/A	$2,235.00	N/A
Perform engineering study for new channel assignment and antenna development	$7,360.00	$7,000.00	N/A	$5,475.00	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	$3,650.00	Updated cost of estimated amount per FCC requirement.	$3,640.19	N/A
Project management of the transition	$74,260.00	$70,500.00	N/A	$19,368.50	N/A
Sub-total	$228,045.00	$216,900.00	N/A	$36,198.81	N/A
Total for all systems	$2,983,851.33	$2,907,457.65	N/A	$1,037,475.12	N/A

Components

Actual Information Description	File Name	
Comprehensive coverage verification via field study, if needed	**Component Description:** **Amount:**	Comprehensive survey cost. #187009 $3,400.00
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	**Component Description:** **Amount:**	Legal services cost. #462964 $57.50
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	**Component Description:** **Amount:**	Outside Engineering Service. #858-90-0004 $1,620.00
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:** **Amount:**	Portion of general repack matter invoice attributable to this station - divided by 93 stations. #461289 $122.00
	Component Description: **Amount:**	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #461759 $99.92
	Component Description: **Amount:**	Review and revise KFDM modification application. $180.70
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 section of FCC Form 2100 (main), Construction Permit Application	**Component Description:** **Amount:**	Consulting engineering cost. $2,235.00
Perform engineering study for new channel assignment and antenna development	**Component Description:** **Amount:**	Consulting engineering cost. $5,475.00
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	
Prepare and or review reimbursement form	**Component Description:** **Amount:**	Legal services cost. $115.00
	Component Description: **Amount:**	Legal services cost. #464352 $500.00
	Component Description: **Amount:**	Portion of general repack matter invoice attributable to this station - divided by 93 stations. #461289 $1,311.48
	Component Description: **Amount:**	Portion of general repack matter invoice attributable to this station - divided by 93 stations. $152.01
	Component Description: **Amount:**	Legal services cost. #457846 $263.30

	Component Description:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #461759
	Amount:	$869.30
	Component Description:	Legal services cost. #461808
	Amount:	$256.60
	Component Description:	Legal services cost. #460945
	Amount:	$172.50
Project management of the transition	**Component Description:**	Portion of general repack matter invoice attributable to this station - divided by 100 stations. #1111
	Amount:	$159.58
	Component Description:	Portion of general repack matter invoice attributable to this station - divided by 93 stations.
	Amount:	$20.91
	Component Description:	Portion of general repack matter invoice attributable to this station - divided by 93 stations.
	Amount:	$43.72

Component Description:	Portion of general repack matter invoice attributable to this station - divided by 93 stations.
Amount:	$836.44
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #460326
Amount:	$801.57
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #1058
Amount:	$187.24
Component Description:	Legal Service Cost. #471526
Amount:	$172.70
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #1063
Amount:	$262.29

Component Description:	Portion of general repack matter invoice attributable to this station - divided by 100 stations. #1098
Amount:	$238.07
Component Description:	Legal Service Cost. #470871
Amount:	$438.75
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 100 stations. #1090
Amount:	$176.70
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 93 stations.
Amount:	$999.04
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 100 stations. #471524
Amount:	$341.18

Component Description:	Portion of general repack matter invoice attributable to this station - divided by 100 stations. #470237
Amount:	$436.37
Component Description:	Legal Service Cost. #470276
Amount:	$182.50
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 100 stations. #1105
Amount:	$216.88
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 100 stations. #1114
Amount:	$242.25
Component Description:	Legal Service Cost. #472585
Amount:	$270.00
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 99 stations. #469573
Amount:	$446.03

Component Description:	Portion of general repack matter invoice attributable to this station - divided by 100 stations. #470321
Amount:	$198.52
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 100 stations. #470923
Amount:	$479.53
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 100 stations. #1099
Amount:	$266.93
Component Description:	Legal Service Cost. #472175
Amount:	$1,122.60
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 100 stations. #473506
Amount:	$421.40

Component Description:	Portion of general repack matter invoice attributable to this station - divided by 100 stations. #1093
Amount:	$269.71
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #1055
Amount:	$243.38
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 93 stations.
Amount:	$943.95
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #1039
Amount:	$30.47
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #464321
Amount:	$683.07

Component Description:	Legal services cost. #468719
Amount:	$496.25
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #1072
Amount:	$237.64
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 93 stations.
Amount:	$86.88
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #466690
Amount:	$446.87
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #465001
Amount:	$596.30

Component Description:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #1079
Amount:	$177.14
Component Description:	Legal Service Cost. #466695
Amount:	$120.00
Component Description:	Legal Service Cost. #465180
Amount:	$657.50
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #467861
Amount:	$470.30
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #1045
Amount:	$185.10
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #465173
Amount:	$654.26

Component Description: Portion of general repack matter invoice attributable to this station - divided by 98 stations. #461759

Amount: $29.98

Component Description: Portion of general repack matter invoice attributable to this station - divided by 93 stations.

Amount: $20.65

Component Description: Portion of general repack matter invoice attributable to this station - divided by 98 stations. #467378

Amount: $576.96

Component Description: Portion of general repack matter invoice attributable to this station - divided by 93 stations.

Amount: $818.59

Component Description: Portion of general repack matter invoice attributable to this station - divided by 93 stations.

Amount: $32.35

Component Description:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #463567
Amount:	$566.48
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 99 stations. #468718
Amount:	$349.51
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 99 stations. #1086
Amount:	$275.35
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 93 stations.
Amount:	$716.28
Component Description:	Legal service cost. #467856
Amount:	$433.20

Component Description:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #1078
Amount:	$215.68
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #1051
Amount:	$105.97
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 93 stations. #461289
Amount:	$91.50
Component Description:	Legal Service Cost. #467383
Amount:	$62.50
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #1069
Amount:	$246.68

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	**$128,696.00**	**$128,131.00**		**$7,976.35**	
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 10 Inquiry.	$300.00	N/A
Equipment Storage	***$15,000.00***	$15,000.00	See Exhibit J.	$0.00	N/A
Equipment Delivery and Handling Charges	***$10,000.00***	$10,000.00	See Exhibit J.	$7,676.35	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	***$28,566.00***	$28,566.00	See Response to August 10 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
DTV Medical Facility Notification	$11,550.00	$11,000.00	N/A	N/A	N/A
Local Zoning	***$20,000.00***	$20,000.00	See Exhibit J.	N/A	N/A
Sub-total	$128,696.00	$128,131.00	N/A	$7,976.35	N/A
Total for all systems	$2,983,851.33	$2,907,457.65	N/A	$1,037,475.12	N/A

Components

Actual Information Description	File Name	
MVPD Notification of Channel Change	Information not provided.	
Develop and air announcement of upcoming channel change	**Component Description:** **Amount:**	Caption encoding cost. #109516 $300.00
Equipment Storage	Information not provided.	
Equipment Delivery and Handling Charges	**Component Description:** **Amount:** **Component Description:** **Amount:**	Equipment Delivery related cost. #002077 $65.06 Equipment Delivery related cost. #002103 $7,611.29

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.
DTV Medical Facility Notification	**Component Description:** Medical Notifications Cost. #1041 **Amount:** $2,600.00
Local Zoning	Information not provided.

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	$2,983,851.33	$2,907,457.65	$1,037,475.12

Reimbursement Status

Question	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.	
	1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.	

4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

	8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.	
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	**David B Amy** *Secretary* *Sinclair Television Group Inc* 05/13/2019

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).	
	1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 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) .
6. 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 Television Group Inc* 05/13/2019

Attachments