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: **6568** | Service: **DTV** | Call Sign: **WBGU-TV** | Channel: **22 (UHF)**

File Number: **0000027984**

FRN: **0002914638** | Date Submitted: **01/24/2020**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
BOWLING GREEN STATE UNIVERSITY	Anthony Short, General Manager 245 TROUP STREET BOWLING GREEN, OH 43402 United States	+1 (419) 372-2700	ashort@bgsu.edu	Government Entity

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
The Preparer is same as the reimbursement contact.			

Broadcaster Information and Transition Plan

Question	Response

Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	No
Briefly describe transition plan	Purchase/install an aux antenna, a new transmitter (current one cannot be re-used) and we will use a spare transmission line to test our new channel (22) during the phase one testing period. Upon cutover we'll transition the above to permanent antenna.

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	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	Ultimate
	Year	2003
	Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power Capacity	10 kW

Primary Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	UXLTE-20
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	7.5 kW
	Justification for New Transmitter	Our old Comark transmitter could not be retuned for the new channel (22).

Primary Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	Yes
	Power	300 kVA
	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

Primary 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

Add Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Retune Existing
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this antenna currently shared with any other stations?	No
	Is this antenna directional?	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	Horizontal
	Type	Broadband Panel
	Number of Stations Supported	1
	Number of Panels	56
	Design power capacity in use	40.0 %
	Lower Limit	470.00 MHz

Upper Limit	728.00 MHz
Other Antenna Type	N/A
ERP: (Effective Radiated Power)	153.0 kW
Manufacturer	Dielectric
Model	TUF-04-14 /56 H-I-T-R
Year	2003

Primary Antenna

Adjustment to Existing Antenna

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

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	

Primary Antenna

Other Antenna Cost Not Listed

Name	Description
retune elbox complex	retuning elbox complex for new channel

Auxiliary Antenna

Add Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Auxiliary (Backup)
	Description of Use	Backup antenna
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this antenna currently shared with any other stations?	No
	Is this 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	Class A
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	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)	61.0 kW

Manufacturer	
Model	AL8PLUS
Year	2002

Auxiliary Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Auxiliary (Backup)
	Description of Use	Aux/backup antenna to replace existing. Will be used for testing new channel prior to cutover
	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	Class A
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	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)	137.0 kW
Manufacturer	
Model	ATC-BCH216M-22
Year	2018
Justification for New Antenna	Current auxiliary antenna is not capable of new channel. Will install new auxiliary antenna for testing in phase 1 while not interrupting current channel /service

Auxiliary 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?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power 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

Auxiliary 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	Utilize Existing
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	Dielectric
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	2
	Length	1000 feet per run

Primary Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Primary Line sweep and tuning bullets	Current transmission line is compatible with new channel, just needs swept and tuned

Auxiliary Transmission Line

Add Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Utilize Existing
	Use	Auxiliary (Backup)
	Description of Use	Backup transmission line to side mount antenna
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmission currently shared with any other stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	Andrew
	Type	Flexible Air
	Diameter	1 5/8 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	560 feet per run

Auxiliary 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	Move Equipment
	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?	Yes
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1016071
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	41° 08' 12.0" N-
	Longitude (NAD83)	083° 54' 24.0" W-
	Overall Structure Height	1089.55 feet
	Support Structure Height	1030.83 feet
	Ground Elevation Above Mean Sea Level (AMSL)	727.03 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	BOWLING GREEN STATE UNIVERSITY
Date Constructed	08/13/2004

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

Information not provided.

Outside Professional Services Costs

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	No
	Number of Hours	N/A
	Explanation	N/A
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	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	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes

	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	Yes
	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	No
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	No
	FCC Special Temporary Authority Application	No
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	No
	Does this relocation require Equipment Storage?	No
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

Other Expenses

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 UXLTE-20	**$445,512.54**	**$438,731.15**		**$438,731.15**	
UHF - Liquid Cooled Solid State Transmitter 7.5 kW	***$406,112.54***	$406,112.54	N/A	$406,112.54	Change order costs greater than expected (delivery, final delivery, etc)
Transformer 3 phase /480v - 300 KVA	$36,800.00	$30,319.13	N/A	$30,319.13	N/A
2" Rigid Conduit and Wiring (Cost per foot)	$2,600.00	$2,299.48	N/A	$2,299.48	N/A
Sub-total	$445,512.54	$438,731.15	N/A	$438,731.15	N/A
Total for all systems	$1,253,771.96	$991,982.40	N/A	$617,126.09	N/A

Components

Actual Information Description	File Name	
UHF - Liquid Cooled Solid State Transmitter 7.5 kW	**Component Description:** **Amount:**	Sencore receiver $2,031.60

Component Description:	Cmask 20kw UHF ATSC tuned
Amount:	$16,065.00
Component Description:	Transmitter RF plumbing
Amount:	$20,773.63
Component Description:	Final transmitter tuning with Gates Air
Amount:	$2,194.94
Component Description:	Change order - Travel day charge
Amount:	$3,364.00
Component Description:	Change order - Charge kit for liquid cooled transmitters
Amount:	$245.61
Component Description:	Change order - 1 inch piping clamp
Amount:	$58.40
Component Description:	Change order - 90 degree elbow, adapter and transmission line
Amount:	$2,855.11
Component Description:	Change order - insulated pipe clamp and piping clamps
Amount:	$64.62

Component Description:	Change order - probe kit
Amount:	$216.45
Component Description:	Heat exchanger
Amount:	$4,417.40
Component Description:	Transmitter delivery and final tuning
Amount:	$1,431.16
Component Description:	ULXTE-20 High Efficiency Transmitter
Amount:	$243,217.33
Component Description:	Frieght - original estimate was $3,100.00
Amount:	$10,216.21
Component Description:	Additional charge for freight
Amount:	$132.00
Component Description:	Boom Forklift to get transmitter off truck
Amount:	$1,022.07
Component Description:	RF load
Amount:	$13,785.91

	Component Description:	Hose install - installation and proof services - line 25 of quote
	Amount:	$29,952.00
	Component Description:	Stabiline Automatic Voltage regulator
	Amount:	$22,561.28
	Component Description:	Change order - cable tray wire
	Amount:	$351.52
	Component Description:	Blackmagic Desing Smartview
	Amount:	$1,256.30
	Component Description:	Streamscope ATSC1.0 Analyzer
	Amount:	$29,900.00
Transformer 3 phase/480v - 300 KVA	**Component Description:**	Various electrical supplies for transformer phase
	Amount:	$451.42
	Component Description:	Electricians (Terry, Kerry, Wayne) 30.50 hours @ $85.00 per hour
	Amount:	$2,592.50

Component Description:	Various electrical supplies for the transformer phase
Amount:	$2,032.51
Component Description:	Various electrical parts for transformer phase
Amount:	$7,046.19
Component Description:	Electrician 4 hours @ $85.00 per hour. Low ambient control
Amount:	$554.33
Component Description:	Electricians (Terry, Kerry) 81 hours @ $85.00 per hour
Amount:	$6,885.00
Component Description:	Electricians (Terry, Kerry, Wayne) 22.50 hours @ $85.00 per hour
Amount:	$1,912.50
Component Description:	Electrical supplies for transformer phase
Amount:	$3,149.68
Component Description:	Electricians (Terry, Kerry, Wayne) 67 hours @ $85.00 per hour
Amount:	$5,695.00

2" Rigid Conduit and Wiring (Cost per foot)	**Component Description:** **Amount:**	Wiring and supplies $291.04
	Component Description: **Amount:**	Conduit, wiring and supplies $1,277.40
	Component Description: **Amount:**	Wiring and supplies $731.04

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
Primary Antenna TUF-04-14 /56 H-I-T-R	**$17,080.00**	**$16,750.00**		**$16,750.00**	
retune elbox complex	***$10,350.00***	$10,350.00	estimated cost of elbow complex retuning	$10,350.00	N/A
Sweep test of existing antenna	$6,730.00	$6,400.00	N/A	$6,400.00	N/A
Auxiliary Antenna ATC-BCH216M-22	**$75,948.29**	**$75,618.29**		**$52,572.29**	
UHF - Lower Power, Side Mount, Class A, basic slot antenna, 137 kW input, horizontally polarized	***$24,422.29***	$24,422.29	Auxilliary antenna from Alive Telecom, plus freight charges - 2nd payment. First payment was approved under wrong item	$24,422.29	N/A
Sweep test of existing antenna	$6,730.00	$6,400.00	N/A	$6,400.00	N/A

UHF - Lower Power, Side Mount, Class A, basic slot antenna, 60 - 65 kW input, horizontally polarized	***$44,796.00***	$44,796.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***Cost of new aux antenna as current aux antenna isn't compatible with new channel 6-6-18 - added $500 to the $45,000 to cover extra shipping charges - see attached Alive Telecom quote	$21,750.00	N/A
Sub-total	$93,028.29	$92,368.29	N/A	$69,322.29	N/A
Total for all systems	$1,253,771.96	$991,982.40	N/A	$617,126.09	N/A

Components

Actual Information Description	File Name	
retune elbox complex	**Component Description:**	Mobilization of crew and labor to adjust antenna /elbow tuners
	Amount:	$10,350.00

Sweep test of existing antenna	**Component Description:** **Amount:**	Sweep testing of existing top mounted wideband antenna $6,400.00
UHF - Lower Power, Side Mount, Class A, basic slot antenna, 137 kW input, horizontally polarized	**Component Description:** **Amount:** **Component Description:** **Amount:** **Component Description:** **Amount:**	Crane work to unload antenna from semi truck $800.00 Antenna and heat exchanger deliver and installation $576.29 2nd payment for antenna - the first payment was approved under the wrong item $23,046.00
Sweep test of existing antenna	**Component Description:** **Amount:**	Sweep testing and tuning of new CH22 auxiliary antenna $6,400.00

UHF - Lower Power, Side Mount, Class A, basic slot antenna, 60 - 65 kW input, horizontally polarized	**Component Description:** **Amount:**	This is for the 50% down payment for the new auxiliary antenna $21,750.00
	Component Description: **Amount:**	Balance due for antenna $23,046.00

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
Primary Transmission Line	**$4,343.89**	**$4,343.89**		**$4,343.89**	
Primary Line sweep and tuning bullets	***$4,343.89***	$4,343.89	N/A	$4,343.89	N/A
Auxiliary Transmission Line	**$0.00**	**$0.00**		**$0.00**	
Sub-total	$4,343.89	$4,343.89	N/A	$4,343.89	N/A
Total for all systems	$1,253,771.96	$991,982.40	N/A	$617,126.09	N/A

Components

Actual Information Description	File Name	
Primary Line sweep and tuning bullets	**Component Description:**	Primary line sweep test
	Amount:	$950.00
	Component Description:	Additional pieces to connect transmission line to antenna - shipping charges not included in quote
	Amount:	$3,393.89

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	**$210,500.00**	**$78,247.70**		**$78,247.70**	
Tall Tower (greater than 500')	$210,500.00	$78,247.70	N/A	$78,247.70	N/A
Sub-total	$210,500.00	$78,247.70	N/A	$78,247.70	N/A
Total for all systems	$1,253,771.96	$991,982.40	N/A	$617,126.09	N/A

Components

Actual Information Description	File Name

Tall Tower (greater than 500')	**Component Description:**	Mobilization of crew to install new auxiliary ch 22 antenna
	Amount:	$64,172.70
	Component Description:	Perform tower structural analysis to test for loading conditions and de-rated ice conditions
	Amount:	$8,500.00
	Component Description:	Tower services - climb, measure and detail tower. Prepare necessary drawings
	Amount:	$5,575.00

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	**$135,960.00**	**$55,520.50**		**$21,381.78**	
RF Exposure Measurements	$21,050.00	$20,000.00	N/A	N/A	N/A
Comprehensive coverage verification via field study, if needed	$84,200.00	$0.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	$3,680.00	$3,500.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	$2,365.00	$2,250.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	$5,260.00	$5,000.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	$1,580.00	$1,500.00	N/A	$1,486.28	N/A

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	$3,155.00	$3,000.00	N/A	$2,125.00	N/A
Perform engineering study for new channel assignment and antenna development	$7,360.00	$13,750.00	Underestimated cost of engineering study	$13,750.00	The initial estimate fo the engineerin evaluation w way under estimated. A the time of t completion the form, w just ball parked this figure.
Address transition timing and coordination issues w/ other stations and wireless	$2,630.00	$2,500.00	N/A	$3,020.50	More time than expecte to prepare a review reimburseme form
Prepare and or review reimbursement form	$2,630.00	$3,020.50	More time needed to prepare reimbursement form than planned	N/A	N/A
Prepare request for Special Temporary Authorization	$2,050.00	$1,000.00	N/A	$1,000.00	N/A
Sub-total	$135,960.00	$55,520.50	N/A	$21,381.78	N/A
Total for all systems	$1,253,771.96	$991,982.40	N/A	$617,126.09	N/A

Components

Actual Information Description	File Name
RF Exposure Measurements	Information not provided.
Comprehensive coverage verification via field study, if needed	Information not provided.
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	**Component Description:** Preparation of license application and construction permit **Amount:** $1,075.00 **Component Description:** Prepare engineering portion of FCC Form 2100 **Amount:** $1,075.00 **Component Description:** This is internal engineering costs for preparation of the Form 2100 application **Amount:** $411.28

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	**Component Description:** **Amount:**	Internal engineering costs to prepare engineering section of Form 2100 construction permit $866.75
	Component Description: **Amount:**	Preparation of engineering portion of construction permit $2,125.00
Perform engineering study for new channel assignment and antenna development	**Component Description:** **Amount:**	Perform tower reinforcing study and report for development of new antenna $12,850.00
	Component Description: **Amount:**	Perform engineering evaluation for new Channel 22 $900.00
	Component Description: **Amount:**	xxxx $12,850.00
Address transition timing and coordination issues w/ other stations and wireless	**Component Description:** **Amount:**	Prepare and review reimbursement form $3,020.50
Prepare and or review reimbursement form	Information not provided.	

Prepare request for Special Temporary Authorization	**Component Description:**	Prepare engineering report for special temporary authorization
	Amount:	$1,000.00

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	**$14,701.05**	**$5,601.05**		**$5,099.28**	
MVPD Notification of Channel Change	***$2,151.05***	$2,151.05	N/A	$2,151.05	The amount estimated is much higher than what our attorney charged us for this service.
Develop and air announcement of upcoming channel change	***$500.00***	$500.00	N/A	$498.23	N/A
DTV Medical Facility Notification	$11,550.00	$2,450.00	N/A	$2,450.00	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	***$500.00***	$500.00	N/A	N/A	N/A
Sub-total	$14,701.05	$5,601.05	N/A	$5,099.28	N/A
Total for all systems	$1,253,771.96	$991,982.40	N/A	$617,126.09	N/A

Components

Actual Information Description	File Name

MVPD Notification of Channel Change	**Component Description:** **Amount:**	Attorney fees for MVPD notice $775.00
	Component Description: **Amount:**	Attorney services for notifying MPVD 's about channel change $775.00
	Component Description: **Amount:**	Internal staff time to compile and send MVPD letters $1,376.05
Develop and air announcement of upcoming channel change	**Component Description:** **Amount:**	Develop and air channel change annoucement $498.23
DTV Medical Facility Notification	**Component Description:** **Amount:**	Medical Notification mailing $2,450.00
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.	

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	$1,253,771.96	$991,982.40	$617,126.09

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.	**Tina Simon** *General Manager* 01/24/2020

Attachments