

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility	70287	Service: DTV	Call	WTJX-TV	Channel: 36 (UHF)
ID:			Sign:		
File	000002	7602			
Number:					
FRN: 000	06610273	Date	11/11		
		Submitted:	/2019		

Applicant Name, Type, and Contact Information

Information

Applicant	Address	Phone	Email	Applicant Type
VIRGIN ISLANDS	TANYA-MARIE	+1	tsingh@wtjx.	Government
PUBLIC	SINGH	(340)	org	Entity
BROADCASTING	PO Box 7879	774-		
SYSTEM	CHARLOTTE	6255		
Doing Business As:	AMALIE, ST.			
WTJX-TV	THOMAS, VI 00801			
	United States			

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
	William T Godfrey , Jr Consulting Engineers Kessler and Gehman Associates, Inc.	William T. Godfrey, Jr. Kessler and Gehman Associates, Inc. 507-D NW 60th Street Gainesville, FL 32607 United States	+1 (352) 332-3157	bill@kesslerandgehman. 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.	Νο
	Briefly describe transition plan	Replace transmitter and antenna. Replace transmission line if sweep tests fail. Acquire interim antenna system during construction and duration of the assigned phase. Map and analyze tower; design and implement modifications or replace if required.

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

Primary	Add Transmitter Information				
ransmitter	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	Diamond		
		Year	2007		
		Туре	Solid State		
		Solid State Cooling	Air Cooled		
		Solid State Power Capacity	5 kW		

Add 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	Model	EC708HP- BB D36		
		Transmitter Type	Solid State		
		Solid State Cooling	Air Cooled		
		Solid State Power capacity	6.98 kW		
		Justification for New Transmitter	The manufacturer of the existing solid state transmitter advises that the transmitter cannot be re- tuned to the assigned channel. See attachment.		

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	150 kVA

	Rigid Conduit and Wiring	Yes
	Size	3 inches
	Length	100.0 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

Primary Transmitter	Other Transmitter Cost Not Listed				
	Name	Description			
	Standby Exciter and Switch	Standby Exciter with Automatic Change Over Switch			
	Additional Interior RF System	Interior RF System Existing Transmitter to Interim Transmission line			

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

ntenna	Section	Question	Response
	Existing Antenna Description	Type of change	Purchase New
		Antenna Use	Auxiliary (Backup)
		Description of Use	Auxiliary
		Ownership	Owned
		Owner	N/A
		Site	N/A
		Is the existing antenna shared with another station or stations?	No
		Is the existing antenna directional?	Yes
		Is antenna in operating condition?	Yes
		Is antenna located on or in close proximity to an antenna farm?	No
	Existing Antenna	Class	Full Power
	Manufacturer and Type	Mounting	Side Moun
		Antenna position in stack	Not in Stac
		Polarization	Horizontal
		Туре	Slotted Coaxial
		Number of Stations Supported	N/A
		Number of Panels	N/A
		Design power capacity in use	N/A
		Lower Limit	N/A
		Upper Limit	N/A
		Other Antenna Type	N/A
		ERP: (Effective Radiated Power)	50.0 kW

Manufacturer	
Model	TLP-8 S180
Year	2007

Antenna	Section	Question	Response
	New Antenna Description	Use	Auxiliary (Backup)
		Description of Use	Auxiliary
		Change Type	Purchase Nev
		Is this a request for upgraded equipment?	No
		Ownership	Owned
		Owner	N/A
		Is antenna shared?	No
		Is antenna directional?	Yes
		Will antenna be located on or in close proximity to an antenna farm?	No
	New Antenna Manufacturer and Types	Class	Full Power
		pes Mounting	Side Mount
		Antenna position in stack	Not in Stack
		Polarization	Horizontal
		Туре	Slotted Coaxial
		Number of Stations Supported	N/A
		Number of Panels/Bays	N/A
		Lower Limit	N/A
		Upper Limit	N/A
		Design power capacity in use	N/A
		Other Antenna Type	N/A
		ERP: (Effective Radiated Power)	42.9 kW
		Manufacturer	
		Model	JA/MS-8/36 SEC

Year	2018
Justification for New Antenna	The existing primary antenna is a single channel slotted coaxial which cannot accommodate the assigned channel.

Other Antenna Costs

Auxiliary Antenna

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Туре	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	3 1/8 inches inches
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?	Yes

Sweep	Test
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Auxiliant Other Antenna Cost Not Listed

AuxiliaryOther Antenna CostAntennaInformation not provided.

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?	No	
		Is the existing antenna directional?	Yes	
		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	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Horizontal	
		Туре	Slotted Coaxial	
		Number of Stations Supported	N/A	
		Number of Panels	N/A	
		Design power capacity in use	N/A	
		Lower Limit	N/A	
		Upper Limit	N/A	
		Other Antenna Type	N/A	
		ERP: (Effective Radiated Power)	50.0 kW	

Manufacturer	
Model	TLP-8 S180
Year	2013

Antenna	Section	Question	Response
	New Antenna Description	Use	Primary (Main
		Description of Use	N/A
		Change Type	Purchase Nev
		Is this a request for upgraded equipment?	No
-		Ownership	Owned
		Owner	N/A
		Is antenna shared?	No
		Is antenna directional?	Yes
		Will antenna be located on or in close proximity to an antenna farm?	No
	New Antenna Manufacturer and Types	Class	Full Power
		es Mounting	Side Mount
		Antenna position in stack	Not in Stack
		Polarization	Horizontal
		Туре	Slotted Coaxial
		Number of Stations Supported	N/A
		Number of Panels/Bays	N/A
		Lower Limit	N/A
		Upper Limit	N/A
		Design power capacity in use	N/A
		Other Antenna Type	N/A
		ERP: (Effective Radiated Power)	42.9 kW
		Manufacturer	
		Model	JA/MS-8/36 SEC

Year	2018
Justification for New Antenna	The existing primary antenna is a single channel slotted coaxial which cannot accommodate the assigned channel.

Other Antenna Costs

Primary Antenna

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Туре	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	3 1/8 inches inches
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?	Yes

Sweep	Test
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Primary Other Antenna Cost Not Listed

Antenna Information not provided.

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

Existing Transmission Line Primary Existing Transmission

sion	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
Existing Transmission Line Manufacturer and Type		Is the existing transmission line shared with another station or stations?	No
		Is Transmission Line in operating condition?	Yes
		Manufacturer	ERI
		Туре	Flexible Air
		Diameter	3 inches
		Other Diameter	N/A
		Segment Length	N/A
		Other Segment Length	N/A
		Number of parallel runs	1
		Length	350 feet per run

Primary	Other Transmission Line Expenses Not Listed Primary		
Transmissic	n Line	Description	
	Sweep Tests	Sweep line to ensure performance on	

assigned channel

Auxiliary	Existing Transmission Line			
Transmissio	n Line Section	Question	Response	
	Existing Transmission Line Description	Type of change	Purchase New	
		Use	Auxiliary (Backup)	
		Description of Use	Auxiliary	
		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	Manufacturer		
	Line Manufacturer and Type	Туре	Flexible Air	
		Diameter	3 inches	
		Other Diameter	N/A	
		Segment Length	N/A	
		Other Segment Length	N/A	
		Number of parallel runs	1	
		Length	120 feet per run	

Auxiliary	New Transmission Line		
Transmissio	n Line Section	Question	Response
	New Transmission Line Costs	Use	Auxiliary (Backup)
		Description of Use	Auxiliary
		Change Type	Purchase New
		Is this a request for upgraded equipment?	No
		Туре	Flexible Air
		Diameter	3 inches
		Other Diameter	N/A
		Segment Length	N/A
		Other Segment Length	N/A
		Number of parallel runs	1
		Length	120 feet per run
		Justification for New Transmission Line	It has been determined that the auxiliary tower must be replaced and it is not practical to store and reuse flex line once it is removed from the tower.

Other Transmission Line Expenses Not Listed Auxiliary

Transmission to 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 Tower	Existing Tower		
	Section	Question	
	Existing Tower Description	Type of change	
		Tower Use	
		Description of Use	

Image: constraint of the section of UseAuxiliary (Backup)Description of UseAuxiliaryOwnershipOwnedIs this tower consider Complex?Terrain ConstrainedIs this tower currently shared with any other stations?YesOne or more FM, AM or TV radio broadcaster(s)YesOthers Types of UsersNoIs tower documented for structural analysis?NoIs tower compliant with Rev G?NoIs tower	Existing Tower Description	Type of change	Construct New
OwnershipOwnedIs this tower consider Complex?Terrain ConstrainedIs this tower currently shared with any other stations?YesOne or more FM, AM or TV radio broadcaster(s)YesOthers Types of UsersNoIs tower compliant with Rev G?NoIs tower compliant with Rev G?NoExisting Tower Structure RegistrationDo you have a tower registration number?YesCoordinates (NAD83 (North American Datum of 1983))Latitude (NAD83)Se4° 56' 		Tower Use	-
Is this tower consider Complex?Terrain ConstrainedIs this tower currently shared with any other stations?YesOne or more FM, AM or TV radio broadcaster(s)YesOthers Types of UsersNoIs tower documented for structural analysis?NoIs tower compliant with Rev G?NoExisting Tower Structure RegistrationDo you have a tower registration number?YesCoordinates (NAD83 (North American Datum of 1983))Latitude (NAD83)18° 21' 19.0" N-		Description of Use	Auxiliary
Image: constrainedConstrainedIs this tower currently shared with any other stations?YesOne or more FM, AM or TV radio broadcaster(s)YesOthers Types of UsersNoIs tower documented for structural analysis?NoIs tower compliant with Rev G?NoExisting Tower Structure RegistrationDo you have a tower registration number?YesCoordinates (NAD83 (North American Datum of 1983))Latitude (NAD83)18° 21' 19.0" N-Longitude (NAD83)O64° 56' 49.0" W-No		Ownership	Owned
stations?One or more FM, AM or TV radio broadcaster(s)YesOthers Types of UsersNoIs tower documented for structural analysis?NoIs tower compliant with Rev G?NoExisting Tower Structure RegistrationDo you have a tower registration number?YesASR Number1024797Coordinates (NAD83 (North American Datum of 1983))Latitude (NAD83)18° 21' 19.0" N-		Is this tower consider Complex?	
broadcaster(s)IntersectionOthers Types of UsersNoIs tower documented for structural analysis?NoIs tower compliant with Rev G?NoNoDo you have a tower registration number?YesRegistrationASR Number1024797Coordinates (NAD83 (North American Datum of 1983))Latitude (NAD83)18° 21' 19.0" N-Longitude (NAD83)064° 56' 49.0" W-			Yes
Is tower documented for structural analysis?NoIs tower compliant with Rev G?NoExisting Tower Structure RegistrationDo you have a tower registration number?YesASR Number1024797Coordinates (NAD83 (North American Datum of 1983))Latitude (NAD83)18° 21' 19.0" N-Longitude (NAD83)064° 56' 49.0" W-			Yes
Is tower compliant with Rev G?NoExisting Tower Structure RegistrationDo you have a tower registration number?YesASR Number1024797Coordinates (NAD83 (North American Datum of 1983))Latitude (NAD83)18° 21' 19.0" N-Longitude (NAD83)064° 56' 49.0" W-		Others Types of Users	No
Existing Tower Structure RegistrationDo you have a tower registration number?YesASR Number1024797Coordinates (NAD83 (North American Datum of 1983))Latitude (NAD83)18° 21' 19.0" N-Longitude (NAD83)064° 56' 49.0" W-		Is tower documented for structural analysis?	No
RegistrationASR Number1024797Coordinates (NAD83 (North American Datum of 1983))Latitude (NAD83)18° 21' 19.0" N-Longitude (NAD83)064° 56' 49.0" W-		Is tower compliant with Rev G?	No
ASR Number1024797Coordinates (NAD83 (North American Datum of 1983))Latitude (NAD83)18° 21' 19.0" N-Longitude (NAD83)064° 56' 49.0" W-	-	Do you have a tower registration number?	Yes
North American Datum of 1983)) N- Longitude (NAD83) 064° 56' 49.0" W-	Registration	ASR Number	1024797
Longitude (NAD83) 064° 56' 49.0" W-	North American Datum	Latitude (NAD83)	
Overall Structure Height 115.16 feet	of 1983))	Longitude (NAD83)	
		Overall Structure Height	115.16 feet
Support Structure Height 100.06 feet		Support Structure Height	100.06 feet

Response

Ground Elevation Above Mean Sea Level (AMSL)	1479.97 feet
Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	VIRGIN ISLANDS PUBLIC TELEVISION SYSTEM
Date Constructed	01/01/1972

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
70026	WIUJ	FM

Tower	Section	Question	Response
	Construct New Tower	Use	Auxiliary (Backup)
		Description of Use	Licensed AUX Facility
		Is this a request for upgraded equipment?	No
		Height	100.00 feet
		Justification for New Tower	Referring to the attached structural analysis just completed by ERI for the 100 ft self-support structure, the tower must be replaced. The tower is on a 1,400 ft ridge on an island in the Caribbean which makes it a complex tower.

Auxiliary Tower Section

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

Auxiliary Tower	Other Tower Expenses Not Listed		
	Name	Description	
	Tower Inspection and Structural Analysis	On site inspection for mapping and performance of initial structural analysis	

Primary Tower Section Question Respon Existing Tower Description Type of change Constr New Tower Use Primar (Main) Description of Use N/A Ownership Ownership Use this tower consider Complex? Terrair Constr 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 No Is tower compliant with Rev G? Yes Existing Tower Structure Registration Do you have a tower registration number? Yes ASR Number Latitude (NAD83) 18° 21	Existing Tower			
DescriptionNewTower UsePrimar (Main)Description of UseN/ADescription of UseN/AOwnershipOwnerIs this tower consider Complex?Terrair ConstrIs this tower currently shared with any other stations?YesOne or more FM, AM or TV radio broadcaster(s)YesOthers Types of UsersNoIs tower compliant with Rev G?YesIs tower compliant with Rev G?YesASR Number124413Coordinates (NADB3 (Latitude (NAD83)18° 21	ise			
Image: construct of construct on construct of construc	JCt			
OwnershipOwnershipIs this tower consider Complex?Terrair ConstrIs this tower currently shared with any other stations?YesOne or more FM, AM or TV radio broadcaster(s)YesOthers Types of UsersNoIs tower documented for structural analysis?YesIs tower compliant with Rev G?YesIs tower compliant with Rev G?YesASR Number124413Coordinates (NADB3)Latitude (NADB3)	/			
Is this tower consider Complex?Terrair ConstrIs this tower currently shared with any other stations?YesOne or more FM, AM or TV radio broadcaster(s)YesOthers Types of UsersNoIs tower documented for structural analysis?YesIs tower compliant with Rev G?YesIs tower compliant with Rev G?YesASR Number124413Coordinates (NAD83 (Latitude (NAD83)18° 21				
Existing Tower Structure RegistrationConstructure Stations?Constructure Constructure Is this tower currently shared with any other stations?Yes Yes Cone or more FM, AM or TV radio broadcaster(s)Yes Yes No Is tower documented for structural analysis?Yes Yes Yes Yes Is tower compliant with Rev G?Yes Yes Yes Yes Yes Yes XSR NumberIs tower registration number?Yes Yes Yes Yes Yes Yes Yes XSR NumberYes Y				
stations?Stations?One or more FM, AM or TV radio broadcaster(s)YesOthers Types of UsersNoIs tower documented for structural analysis?YesIs tower compliant with Rev G?YesRegistrationDo you have a tower registration number?YesASR Number124413Coordinates (NAD83 (Latitude (NAD83)18° 21				
broadcaster(s) No Others Types of Users No 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 124413 18° 21				
Is tower documented for structural analysis?YesIs tower compliant with Rev G?YesExisting Tower Structure RegistrationDo you have a tower registration number?YesASR Number124413Coordinates (NAD83 (Latitude (NAD83)18° 21				
Existing Tower Structure RegistrationIs tower compliant with Rev G?YesSegistrationDo you have a tower registration number?YesASR Number124413Coordinates (NAD83 (Latitude (NAD83)18° 21				
Existing Tower Structure RegistrationDo you have a tower registration number?YesRegistrationASR Number124413Coordinates (NAD83 (Latitude (NAD83)18° 21				
Registration ASR Number 124413 Coordinates (NAD83 (Latitude (NAD83) 18° 21				
ASR Number 124413 Coordinates (NAD83 (Latitude (NAD83) 18° 21				
	35			
North American Datum of 20.8" N				
1983)) Longitude (NAD83) 064° 5 51.5" V				
Overall Structure Height 255.90	feet			
Support Structure Height 255.90	feet			
Ground Elevation Above Mean Sea Level 1462.2 (AMSL)	5 feet			
Structure Type TOWE Free Standin Guyed Structure	ng or			

Tower Owner	Virgin Islands Public Television System
Date Constructed	02/06/2006

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
184714	WTJX-FM	FM

Primary	Tower Construction Costs			
Tower	Section	Question	Response	
	Construct New Tower	Use	Primary (Main)	
		Description of Use	N/A	
		Is this a request for upgraded equipment?	No	
		Height	250.00 feet	
		Justification for New Tower	Referring to the attached structural analysis just completed by ERI for the 250 ft self-support structure, the tower must be replaced. The tower is on a 1,400 ft ridge on an island in the Caribbean which makes it a complex tower.	

Primary	Tower Rigging Costs
Tower	Section

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

Primary O	Other Tower Expenses Not Listed	
Tower	Name	Description
-	Tower Inspection and Structural Analysis	On site inspection for mapping and performance of initial structural analysis

Outside	Section	Question	Response
Professional	I Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
		Number of Hours	1500
		Explanation	It will be necessary to schedule and coordinate multiple vendors, complete progress reports, and update Schedule 399. Station does not have available personnel or personnel trained in project management for such complex projects.
	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	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
Services	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	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	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	Yes

Number of Days	30
Justification	It will be necessary to survey the site, plan the equipment, develop specifications for purchasing, and oversee multiple vendor RF projects. Station does not have available personnel or personnel trained in such services.

Outside Other Professional Services Expenses Not Listed

Professional	Services Costs	Description
	Other Legal Services	Outside legal services not included in any other 399 section of OPS
	Other Engineering Services	Outside engineering services not included in any other 399 section of OPS

Other	Section	Question	Response
Expenses	AM Pattern Disturbance	Is an Impact Study needed?	Yes
		Is Remediation needed?	Yes
	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	Yes
		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?	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
Primary Transmitter EC708HP- BB D36	\$489,381.05	\$403,959.00		\$163,061.14	
Additional Interior RF System	\$140,000.00	\$140,000.00	N/A	N/A	N/A
Standby Exciter and Switch	\$25,000.00	\$25,000.00	N/A	N/A	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$5,200.00	\$4,900.00	N/A	\$400.14	N/A
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$24,300.00	N/A	N/A	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	N/A	N/A
UHF - Air Cooled Solid State Transmitter 6.98 kW	\$18,931.05	\$18,931.05	Balance referenced to the TBD component	\$8,133.05	N/A

UHF - Air Cooled Solid State Transmitter 4 - 6 kW	\$236,500.00	\$154,527.95	***System Notice: Estimate adjusted and locked because line has been superseded.	\$154,527.95	N/A
Sub-total	\$489,381.05	\$403,959.00	N/A	\$163,061.14	N/A
Total for all systems	\$3,738,443.05	\$3,421,600.00	N/A	\$315,135.39	N/A

Components

Actual Information Description	File Name		
Additional Interior RF System	Information not provided.		
Standby Exciter and Switch	Information not provided.		
3" Rigid Conduit and Wiring (Cost per foot)	Component Description: Amount:	Elec wire for Transmitter Installation \$400.14	
Transformer 3 phase/480v - 150 KVA	Information not provided.		
Switchgear - industrial 800 amp	Information not provided.		

JHF - Air Cooled Solid		
State Transmitter 6.98 kW	Component Description:	Comark S10269-4
		Transmitter
		v190530jgv1
	Amount:	\$7,810.55
	Component Description:	Comark S10269-4
		TX training
		v190530jgv1
	Amount:	\$322.50
UHF - Air Cooled Solid		
State Transmitter 4 - 6 kW	Component Description:	45 percent
		progress payment before shipment
		for new transmitter
	Amount:	\$73,197.45
	Component Description:	50% down
		payment
	Amount:	\$81,330.50

Antennas

Cost Information

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Antenna JA /MS-8/36 SEC	\$57,590.00	\$55,650.00		\$21,091.76	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$22,000.00	N/A	\$1,266.76	N/A
Elbow complex, single channel, at antenna input, per 3 1/8. feedline (if needed)	\$7,600.00	\$7,400.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$4,975.00	N/A

UHF - High Power, Side Mount, basic slot antenna, 43 kW input, directional,, horizontally polarized	\$14,850.00	\$14,850.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***	\$14,850.00	check
Auxiliary Antenna JA /MS-8/36 SEC	\$127,740.00	\$125,800.00		\$19,825.00	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$22,000.00	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	N/A	N/A

Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$4,975.00	N/A
UHF - High Power, Side Mount, basic slot antenna, 43 kW input, directional,, horizontally polarized	\$85,000.00	\$85,000.00	N/A	\$14,850.00	N/A
Sub-total	\$185,330.00	\$181,450.00	N/A	\$40,916.76	N/A
Total for all systems	\$3,738,443.05	\$3,421,600.00	N/A	\$315,135.39	N/A

Actual Information Description	File Name	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.	
Side mount brackets for high power antennas (if not included in antenna base cost)	Component Description: Amount:	Adjustable Mounting Bracket for Primary Antenna installation on taper tower, including freight \$1,266.76
Elbow complex, single channel, at antenna input, per 3 1/8. feedline (if needed)	Information not provided.	

Sweep test of existing antenna		
antenna	Component Description:	50% down
		payment
	Amount:	\$2,487.50
	Component Description:	Balance due fo
		Sweep
	Amount:	\$2,487.50
UHF - High Power, Side		
Mount, basic slot antenna, 43 kW input, directional,,	Component Description:	Balance due fo
horizontally polarized		Antenna
, , , , , , , , , , , , , , , , , , , ,	Amount:	\$7,425.00
	Component Description:	50% down
		payment
	Amount:	\$7,425.00
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.	
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.	
Elbow complex, single channel, at antenna input, per 3 1/8. feedline (if needed)	Information not provided.	
Sweep test of existing antenna		
antenna	Component Description:	Balance due fo Sweep
	Amount:	\$2,487.50
	Component Description:	50% down
	A	payment
	Amount:	\$2,487.50

UHF - High Power, Side Mount, basic slot antenna, 43 kW input, directional,, horizontally polarized	Component Description: Amount:	50% down payment \$7,425.00
	Component Description:	Balance due for Antenna
	Amount:	\$7,425.00

Transmission Line

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmission Line	\$6,400.00	\$6,400.00		\$0.00	
Sweep Tests	\$6,400.00	\$6,400.00	N/A	N/A	N/A
Auxiliary Transmission Line	\$7,080.00	\$3,194.00		\$3,194.00	
Flexible Air Transmission Line - dielectric, 3"	\$7,080.00	\$3,194.00	Jampro quote number MF 030218D- R1 attached	\$3,194.00	N/A
Sub-total	\$13,480.00	\$9,594.00	N/A	\$3,194.00	N/A
Total for all systems	\$3,738,443.05	\$3,421,600.00	N/A	\$315,135.39	N/A

Actual Information Description	File Name	
Sweep Tests	Information not provided.	
Flexible Air Transmission Line - dielectric, 3"	Component Description: Amount:	Balance Due for transmission line \$1,597.00
	Component Description:	50% down payment
	Amount:	\$1,597.00

Tower Equipment and Rigging Costs

Cost Information

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower	\$1,246,000.00	\$1,225,000.00		\$8,000.00	
Tower Inspection and Structural Analysis	\$25,000.00	\$25,000.00	N/A	\$8,000.00	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$400,000.00	The tower is on a 1,400 ft ridge on an island in the Caribbean which makes it very difficult to access and rig. Also, the structure is within a tower influence zone (Class III).	N/A	N/A
New tower	\$800,000.00	\$800,000.00	Widelity: Costs may be higher for tower sites with difficult soil or other site conditions.	N/A	N/A
Auxiliary Tower	\$896,000.00	\$875,000.00		\$7,500.00	

Tower Inspection and Structural Analysis	\$25,000.00	\$25,000.00	N/A	\$7,500.00	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$400,000.00	The tower is on a 1,400 ft ridge on an island in the Caribbean which makes it very difficult to access and rig. Also, the structure is within a tower influence zone (Class III).	N/A	N/A
New tower	\$450,000.00	\$450,000.00	Widelity: Costs may be higher for tower sites with difficult soil or other site conditions.	N/A	N/A
Auxiliary Tower TOWER	\$0.00	\$0.00		\$0.00	
Primary Tower TOWER	\$0.00	\$0.00		\$0.00	
Sub-total	\$2,142,000.00	\$2,100,000.00	N/A	\$15,500.00	N/A
Total for all systems	\$3,738,443.05	\$3,421,600.00	N/A	\$315,135.39	N/A

Actual Information Description	File Name	
Tower Inspection and Structural Analysis	Component Description: Amount:	ERI 50363 v190729jgv2 \$3,000.00
	Component Description:	Site Visit for Tower Proposal split between Primary and Auxiliary towers
	Amount:	\$2,500.00
	Component Description:	Site Visit for Tower Proposal split between Primary and Auxiliary towers
	Amount:	\$2,500.00
	Component Description: Amount:	Structural Analysis for Primary tower \$3,000.00
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Information not provided.	
New tower	Information not provided.	

Tower Inspection and Structural Analysis	Component Description: Amount:	ERI 50363 v190729jgv2 \$2,500.00
	Component Description:	Site Visit for Tower Proposal split between Primary and
	Amount:	Auxiliary towers \$2,500.00
	Component Description: Amount:	Structural analysis for auxiliary tower \$2,500.00
	Component Description:	Site Visit for Tower Proposal split between
	Amount:	Primary and Auxiliary towers \$2,500.00
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Information not provided.	
New tower	Information not provided.	

Outside Professional Services

Cost Information

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$648,262.00	\$441,097.00		\$66,904.52	
Other Engineering Services	\$190,000.00	\$190,000.00	Outside Engineering Services not included in any 399 OPS sections	\$24,505.50	N/A
Project management of the transition	\$237,000.00	\$25,000.00	It is nor realized that most engineering and legal services will not fall under Project Management so most of the PM budget has been transferred to new sections: Other Engineering Services and Other Legal Services	\$1,650.00	N/A

Prepare and or review reimbursement form Address transition timing and coordination issues w/ other stations and	\$2,630.00 \$2,630.00	\$15,000.00	The cost estimate includes the initial 399 amendment, anticipated subsequent 399 amendments, and Actual Cost invoice prep and submission by KGA.	\$9,138.50 \$120.00	N/A N/A
stations and wireless Other Legal Services	\$13,197.00	\$13,197.00	Outside legal services not included in other 399	\$11,942.00	N//
Additional Field Engineering Service, 30 Days	\$60,000.00	\$60,000.00	OPS sections N/A	\$7,348.52	N//
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N//
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	N//

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	\$550.00	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	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 - 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	N/A	N/A

Prepare request for Special Temporary Authorization	\$2,050.00	\$1,650.00	N/A	\$1,650.00	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	\$3,000.00	N/A

Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$7,000.00	N/A
Sub-total	\$648,262.00	\$441,097.00	N/A	\$66,904.52	N/A
Total for all systems	\$3,738,443.05	\$3,421,600.00	N/A	\$315,135.39	N/A

Actual Information Description	File Name	
Other Engineering Services	Component Description:	Preparation of transmitter-antenna bids for WTJX, review of bids and recommendation for award
	Amount:	\$7,400.00
	Component Description:	Preparation of transmitter-antenna bids for WTJX, review of bids and recommendation for award
	Amount:	\$5,625.00
	Component Description:	R Dickinson 00118 v190517jgv1
	Amount:	\$1,840.00
	Component Description:	KGA 111-93 v191018jgv1
	Amount:	\$1,050.00

Component Description: Amount:	KGA 111-82 v191018jgv1 \$1,775.50
Component Description: Amount:	KGA 111-95 v191018jgv1 \$1,325.00
Component Description: Amount:	KGA 111-86 v191018jgv1 \$1,625.00
Component Description: Amount:	KGA 111-109 v191111jgv1 \$300.00
Component Description: Amount:	R Dickinson 00115 v190517jgv1 \$640.00
Component Description: Amount:	On site equipment inventory and facilities survey \$7,348.52
Component Description: Amount:	KGA 111-88 v191018jgv1 \$625.00
Component Description: Amount:	KGA 111-102 v191018jgv1 \$800.00
Component Description: Amount:	KGA 111-105 v191018jgv1 \$200.00

Component Description:	KGA 111-99
p	v191018jgv1
Amount:	\$1,300.00

Project management of the transition	Component Description: Amount:	KGA 111-79 v191018jgv1 \$150.00
	Component Description: Amount:	KGA 111-84 v191018jgv1 \$150.00
	Component Description: Amount:	KGA 111-69 v191018jgv1 \$300.00
	Component Description: Amount:	KGA 111-98 v191018jgv1 \$150.00
	Component Description: Amount:	KGA 111-75 v191018jgv1 \$150.00
	Component Description: Amount:	KGA 111-70 v191018jgv1 \$225.00
	Component Description: Amount:	KGA 111-107 v191111jgv1 \$150.00
	Component Description: Amount:	KGA 111-89 v191018jgv1 \$150.00
	Component Description: Amount:	Prepare schedule 387 progress report for 1Q2018 \$225.00

Prepare and or review reimbursement form

Component Description: Amount:	KGA 111-106 v191111jgv1 \$125.00
Component Description: Amount:	KGA 111-106 v191018jgv1 \$125.00
Component Description: Amount:	KGA 111-90 v191018jgv1 \$325.00
Component Description: Amount:	KGA 111-80 v191018jgv1 \$1,722.50
Component Description: Amount:	KGA 111-85 v191018jgv1 \$325.00
Component Description: Amount:	KGA 111-92 v191018jgv1 \$465.00
Component Description: Amount:	KGA 111-96 v191018jgv1 \$2,555.00
Component Description: Amount:	KGA 111-87 v191018jgv1 \$150.00
Component Description: Amount:	KGA 111-97 v191018jgv1 \$250.00

	Component Description: Amount:	KGA 111-81 v191018jgv1 \$371.00
	Component Description:	Prepare and or review reimbursement form
	Amount:	based on lump sum \$2,500.00
	Component Description:	KGA 111-103 v191018jgv1
	Amount:	\$225.00
Address transition timing and coordination issues w/ other stations and wireless	Component Description:	GSB 727546
	Amount:	v191111jgv1 \$120.00
	Component Description:	Legal advice related to changing the phase and timing of
	Amount:	the transition \$510.00
	Component Description:	GSB 698928 v191016jgv2
	Amount:	\$300.00
Other Legal Services		
	Component Description:	Repack legal services
	Amount:	\$399.00
	Component Description:	Repack legal services
	Amount:	\$480.00

Component Description: Amount:	GSB 709558 v190520pmv1 \$90.00
Component Description: Amount:	GSB inv #704340 Various legal UL20190415jgv1 \$1,290.00
Component Description: Amount:	GSB 716803 v191015jgv1 \$364.75
Component Description: Amount:	GSB 720587 v191015jgv1 \$450.00
Component Description: Amount:	GSB 689065 v190520pmv1 \$686.50
Component Description: Amount:	GSB 720220 v191015jgv1 \$120.00
Component Description: Amount:	Repack legal services \$779.25
Component Description: Amount:	Repack legal services \$690.00
Component Description: Amount:	Repack legal services \$1,942.50

Component Description: Amount:	Other repack legal services \$960.00
Component Description: Amount:	GSB 694130 v190520pmv1 \$510.00
Component Description: Amount:	Repack legal services \$360.00
Component Description: Amount:	GSB 662399 v190520pmv1 \$960.00
Component Description: Amount:	GSB 696677 v190520pmv1 \$120.00
Component Description: Amount:	GSB 686991 v190520pmv1 \$150.00
Component Description: Amount:	Other repack legal services \$30.00
Component Description: Amount:	GSB 691542 v190520pmv1 \$780.00
Component Description: Amount:	SWM 20289 v190520pmv1 \$690.00

	Component Description: Amount:	Other repack legal services \$210.00
	Component Description: Amount:	GSB 688485 v190520pmv1 \$720.00
	Component Description: Amount:	GSB inv #706641 Various legal UL20190415jgv1 \$120.00
Additional Field Engineering Service, 30 Days	Component Description:	Added invoice to this component by mistake. Please
	Amount:	reject or disregard. N/A
	Component Description:	On site equipment inventory and facilities survey
	Amount:	\$7,348.52
RF Exposure Measurements	Information not provided.	
Comprehensive coverage verification via field study, if needed	Information not provided.	
FAA consultant, including cost of preparing FAA	Component Description:	KGA 111-83
Form 7460 (Notice of Proposed Construction), if needed for height increase	Component Description: Amount:	v191018jgv1 \$550.00
ASR modification (prepare FCC Form 854)	Information not provided.	

Attorney Fees - Prepare and File request for Special Temporary AuthorizationInformation not provided.Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover ApplicationInformation not provided.Attorney Fees - Aux Anterna, prepare and File Form 2100 Construction Permit or Licenses and File FCC Form 2100 (main), ConstructionInformation not provided.Attorney Fees - Prepare and File FCC Form 2100 (main), ConstructionInformation not provided.Attorney Fees - Prepare and File FCC Form 2100 (main), ConstructionInformation not provided.Prepare request for Special Temporary AuthorizationComponent Description: Amount:Legal STA for phase change \$150.00RF Consulting Engineer Fees-Aux Antenna: Prepare engineering section of FCC Form 2100 (main), License to Cover ApplicationInformation not provided.RF Consulting Engineer Fees-Aux Antenna: Prepare engineering section of FCC Form 2100 (main), License to Cover ApplicationInformation not provided.RF Consulting Engineer Fees-Aux Antenna: Prepare engineering section of FCC Form 2100 (main), License to Cover ApplicationInformation not provided.RF Consulting Engineer Fees-Aux Antenna: Prepare engineering section of FCC Form 2100 (main), License to Cover ApplicationInformation not provided.RF Consulting Engineer Fees-Aux Antenna: Prepare engineering section of FCC Form 2100, Construction PrevidedInformation not provided.RF Consulting Engineer Fees-Aux Antenna: Prepare engineering section of FCC Form 2100, Construction PrevideInformation not provided.<			
and File FCC Form 2100 (main), License to Cover ApplicationInformation not provided.Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License ApplicationInformation not provided.Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit ApplicationInformation not provided.Prepare request for Special Temporary AuthorizationComponent Description: NuthorizationLegal STA for phase change S150.00RF Consulting Engineer Fees - Aux Antenna: Prepare engineering section of FCC Form 2100 (main), License to Cover ApplicationInformation not provided.Prepare engineering section of FCC Form 2100 (main), License to Cover ApplicationInformation not provided.Prepare engineering section of FCC Form 2100 (main), License to Cover ApplicationInformation not provided.RF Consulting Engineer Fees - Aux Antenna: Prepare engineering section of FCC Form 2100 (main), License to Cover ApplicationInformation not provided.RF Consulting Engineer Fees - Aux Antenna: Prepare engineering section of FCC Form 2100 (main), License to Cover ApplicationInformation not provided.RF Consulting Engineer Fees - Aux Antenna: Prepare engineering section of FCC Form 2100 (main), License to Cover ApplicationInformation not provided.	and File request for Special Temporary	Information not provided.	
Antenna, prepare and File Form 2100 Construction Permit or License ApplicationInformation not provided.Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit ApplicationInformation not provided.Prepare request for Special Temporary AuthorizationComponent Description: Legal STA for phase change \$150.00RF Consulting Engineer Fees - Aux Antenna: Prepare engineering section of FCC Form 2100 (main), License to Cover ApplicationInformation not provided.Prepare engineering section of FCC Form 2100 (main), License to Cover ApplicationInformation not provided.RF Consulting Engineer Fees - Aux Antenna: Prepare engineering section of FCC Form 2100 (License to Cover ApplicationInformation not provided.RF Consulting Engineer Fees - Aux Antenna: Prepare engineering section of FCC Form 2100 (License to Cover ApplicationInformation not provided.RF Consulting Engineer Fees - Aux Antenna: Prepare engineering section of FCC Form 2100 (License to Cover ApplicationInformation not provided.RF Consulting Engineer Fees - Aux Antenna: Prepare engineering section of FCC Form 2100 (License to Cover ApplicationInformation not provided.	and File FCC Form 2100 (main), License to Cover	Information not provided.	
and File FCC Form 2100 (main), Construction Permit ApplicationComponent Description: Legal STA for 	Antenna, prepare and File Form 2100 Construction Permit or License	Information not provided.	
Special Temporary AuthorizationComponent Description: phase change \$150.00Legal STA for phase change \$150.00Amount:\$150.00Component Description: V191018jgv1 	and File FCC Form 2100 (main), Construction	Information not provided.	
Amount:v191018jgv1 \$1,500.00RF Consulting Engineer Fees- Aux Antenna: Prepare engineering 	Special Temporary		phase change
Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover ApplicationInformation not provided.Prepare engineering section of FCC Form 2100 (main), License to Cover ApplicationInformation not provided.RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction PermitInformation not provided.			v191018jgv1
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	Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover	Information not provided.	
Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit	section of FCC Form 2100 (main), License to Cover	Information not provided.	
	Application		

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description:	Prepare engineering section of FCC Form 2100 (main), Construction Permit Application based on lump sum
	Amount:	\$3,000.00
Perform engineering study for new channel	Component Description:	Perform
assignment and antenna		engineering study
development		for new channel
		assignment and
		antenna
		development based
		on lump sum
	Amount:	\$7,000.00

Other Expenses

Cost Information

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$259,990.00	\$285,500.00		\$25,558.97	
MVPD Notification of Channel Change	\$2,000.00	\$2,000.00	N/A	\$1,545.00	N/A
Develop and air announcement of upcoming channel change	\$5,000.00	\$5,000.00	N/A	N/A	N/A
Equipment Storage	\$25,000.00	\$25,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	\$137,500.00	\$137,500.00	See attached quote for freight from ERI for the two new towers. Based on shipping 10 open top containers 40 feet in length each with the required steel for the new towers.	\$13,443.81	N/A

Actual Information Description	File Name	
MVPD Notification of Channel Change	Component Description: Amount:	KGA 111-77 v191018jgv1 \$1,545.00
Develop and air announcement of upcoming channel change	Information not provided.	
Equipment Storage	Information not provided.	
Equipment Delivery and Handling Charges	Component Description:	Freight for Primary and Auxiliary antenna and
	Amount:	Auxiliary Line \$4,058.35
	Component Description:	Freight, shipping transmitter to St Thomas USVI
	Amount:	\$9,385.46
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.	
Non-zoning permits		
	Component Description:	DPNR 204-19 v191016jgv1
	Amount:	\$4,210.16
	Component Description:	KGA 111-91 v191018jgv1
	Amount:	\$3,825.00

DTV Medical Facility		
Notification	Component Description:	DTV Medica
		Facility
		Notification
	Amount:	\$2,535.00
AM Pattern Disturbance Remedy	Information not provided.	
AM Pattern Disturbance Impact study	Information not provided.	

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$3,738,443.05	\$3,421,600.00	\$315,135.39

Reimbursem	envestianus	Response
	The facility has ceased operating on its pre- auction channel.	Yes
	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. 	
		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.

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.	Jeffrey C Gehman Engineering Associate

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.

	 The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission. 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. 	
an au name	are, under penalty of perjury, that I am athorized representative of the above- ed applicant for the Authorization(s) fied above.	Jeffrey C Gehman Engineering Associate
		11/11/2019

Attachments