

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID:	73130	Service: DTV	Call Sign:	WJCT	Channel: 9 (High VHF)
File Number:	000002	5124			
FRN: 000	1823111	Date Submitted:	11/12 /2020		

Applicant Name, Type, and Contact Information

Information

Applicant	Address	Phone	Email	Applicant Type
WJCT, INC.	Valerie Strickland-Smith 100 FESTIVAL PARK AVENUE JACKSONVILLE, FL 32202 United States	+1 (904) 358- 6371	vsmith@wjct. org	Not-for- Profit

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
	Ryan Wilhour ConsultingEngineer Kessler and Gehman Associates, Inc.	507 NW 60 Street Suite D Gainesville, FL 32607 United States	+1 (352) 332-3157	ryan@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 dual transmitters and antenna using existing line. Acquire interim antenna and line for continued operation during construction and duration of the assigned phase. Map and analyze tower; design and implement modifications if required.

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

Fransmitter	Section	Question	Response
	Existing Transmitter Description	Type of change	Purchase New
		Use	Auxiliary (Backup)
		Description of Use	Alternate Main
		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	PTCD10P1- I
		Year	2007
		Туре	Solid State
		Solid State Cooling	Air Cooled
		Solid State Power Capacity	2.53 kW

Add Transmitter Information

Auxiliary	New Transmitter Costs					
Transmitter	Section	Question	Response			
	New Transmitter	Use	Auxiliary (Backup)			
		Change Type	Purchase New			
		Is this a request for upgraded equipment?	No			
		Manufacturer				
		Model	VAXTE-6R37			
		Transmitter Type	Solid State			
		Solid State Cooling	Air Cooled			
		Solid State Power capacity	4.8 kW			
		Justification for New Transmitter	The manufacturer of the existing transmitter advises that the transmitter cannot be re- tuned to the assigned channel. See attachment.			

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	No			
			,			

	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	Disconnect existing transmitter and connect new transmitter.
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Туре	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Auxiliary Other Transmitter Cost Not Listed

Transmitter Information not provided.

Primary	Existing Transmitter Information					
Transmitter	Section	Question	Response			
	Existing Transmitter Description	Type of change	Purchase New			
		Use	Primary (Main)			
		Description of Use	N/A			
		Ownership	Owned			
		Owner	N/A			
		Site	N/A			
		Is this transmitter currently shared with another station?	No			
		Is this transmitter currently in operating condition?	Yes			
	Existing Transmitter	Manufacturer				
	Manufacturer and Type	Model	PTCD10P1-			
		Year	2007			
		Туре	Solid State			
		Solid State Cooling	Air Cooled			
		Solid State Power Capacity	2.53 kW			

Existing Transmitter Information

Primary	New Transmitter Costs					
Transmitter	Section	Question	Response			
	New Transmitter	Use	Primary (Main)			
		Change Type	Purchase New			
		Is this a request for upgraded equipment?	No			
		Manufacturer				
		Model	VAXTE-6R37			
		Transmitter Type	Solid State			
		Solid State Cooling	Air Cooled			
		Solid State Power capacity	4.8 kW			
		Justification for New Transmitter	The manufacturer of the existing transmitter advises that the transmitter cannot be retuned 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)	No		
		Transformer (480V)	No		
		Power	N/A		
		Rigid Conduit and Wiring	No		
			-		

	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	Disconnect existing transmitter and connect new transmitter.
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	Other Transmitter Cost Not Listed		
Transmitter	Name	Description	
	Group 2 Transmitter	Group 2 Transmitter	

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

Primary	Existing Antenna Information			
Antenna	Section	Question	Response	
	Existing Antenna Description	Type of change	Purchase New	
		Antenna Use	Primary (Main)	
		Description of Use	N/A	
		Ownership	Owned	
		Owner	N/A	
		Site	N/A	
		Is the existing antenna shared with another station or stations?	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?	Yes	
	Existing Antenna	Class	Full Power	
	Manufacturer and Type	Mounting	Top Mount	
		Antenna position in stack	Тор	
		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)	18.0 kW	

Ν	Manufacturer	
Ν	Model	THV-6A7 C140
٢	Year	2009

Antenna	Section	Question	Response
	New Antenna	Use	Primary (Main
	Description	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?	Yes
	New Antenna	Class	Full Power
	Manufacturer and Type	es Mounting	Top Mount
		Antenna position in stack	Тор
		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)	18.0 kW
		Manufacturer	
		Model	THV-6A9/VP- R C140

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?	
	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	6 1/8 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	
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	Yes
	transmission line and antenna?	

Primary Antenna

Other Antenna Cost Not Listed

Name	Description
Trans Test 6-75	Trans Test 6-75
Elbow	Elbow
Feed Through Complex	Feed Through Complex
TLSCRs	TLSCRs

	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?	Yes
		Will antenna be located on or in close proximity to an antenna farm?	Yes
	New Antenna	Class	Full Power
	Manufacturer and Type	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)	7.5 kW
		Manufacturer	
		Model	TLS-V4BB
		Year	2018

Justification for New Antenna	An interim
	antenna is
	necessary
	to keep
	station on
	the air
	during
	primary
	antenna
	replacemen
	and for the
	duration of
	the
	assigned
	phase.
	Station will
	attempt to
	rent if
	renting is
	available at
	time of
	acquisition.

Interim Other Antenna Costs

Antenna

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

Other Antenna Cost Not Listed

Interim	Other Antenna Cost Not Listed	
Antenna	Name	Description
	Other Antenna Cost	Other Antenna Cost

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

Existing Transmission Line Primary Existing Transmission

smissio	n 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	Manufacturer	Dielectric
	Line Manufacturer and Type	Туре	Rigid
		Diameter	6 1/8 inches
		Other Diameter	N/A
		Segment Length	20 inches
		Other Segment Length	N/A
		Number of parallel runs	1
	Length	1010 feet per run	

Primary Other Transmission Line Expenses Not Listed

Transmission	n Line	Description
	Sweep Tests	Sweep line to verify performance on assigned channel

New Transmission Line

Interim Transmission Line

Section	Question	Response
New Transmission Line	Use	Interim
Costs	Description of Use	N/A
	Change Type	Purchase New
	Туре	Rigid
	Diameter	4 1/16 inches
	Segment Length	20'
	Other Segment Length	
	Number of parallel runs	1
	Length	960 feet per run

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Justification for New Transmission Line	An interim transmission
	line is
	necessary
	for the
	interim
	antenna to
	keep station
	on the air
	during
	primary
	antenna
	replacement
	and for the
	duration of
	the
	assigned
	phase.
	Station will
	attempt to
	rent if
	renting is
	available at
	time of
	acquisition.

Other Transmission Line Expenses Not Listed Transmission Line

5101	Nattle	Description
	TLSCRs	TLSCRs
	Flex Line	Flex Line

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

Existing Tower

Primary	Existing Tower			
Tower	Section	Question	Response	
	Existing Tower	Type of change	Modify Existing	
	Description	Tower Use	Primary (Main)	
		Description of Use	N/A	
		Ownership	Leased	
		Is this tower consider Complex?	Candelabra	
		Is this tower currently shared with any other stations?	Yes	
		One or more FM, AM or TV radio broadcaster(s)	Yes	
		Others Types of Users	Yes	
		Is tower documented for structural analysis?	No	
		Is tower compliant with Rev G?	Yes	
	Existing Tower	Do you have a tower registration number?	Yes	
	Structure Registration	ASR Number	1235223	
	Coordinates (NAD83 (Latitude (NAD83)	30° 16' 51.9" N-	
	North American Datum of 1983))	Longitude (NAD83)	081° 34' 12.2" W-	
		Overall Structure Height	1042.97 feet	
		Support Structure Height	925.84 feet	
		Ground Elevation Above Mean Sea Level (AMSL)	7.87 feet	

Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
Tower Owner	SBA Towers II LLC
Date Constructed	01/19/2006

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
51975	WJBT	FM
67243	WKSL	FM
29728	WQIK-FM	FM
51974	WWJK	FM
73125	WJCT-FM	FM

Other Types of Users

Users

Many RPU antenn

Modification Costs Primary

•	•	•••			
Т	C	٥V	v	er	•

ower	Mod	lificat	ion	Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for tower with candelabra
Tower Reinforcements	Please select whether tower reinforcements are needed:	Major Reinforcements needed

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

Primary Other Tower Expenses Not Listed

Tower Information not provided.

Outside	Section	Question	Response
Professional	Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
		Number of Hours	24
		Explanation	Fewer Project Management "PM" tasks are required & Other Engineering Services "OES" are required, therefore the PM total has been reduced to 24 hrs (\$3,600 at \$150/hr), & a new OES category has been created & funded with the money removed from PM.
	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	Prepare and file Form FCC Construction Permit Application	Yes
Services	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	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	Yes
Additional Field Engineering Service	Yes
Number of Days	21
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.

Other Professional Services Expenses Not Listed

Outside	Other Professional Services Expenses Not Listed			
Professiona	I Services Costs	Description		
	Other Engineering Services	Fewer Project Management "PM" tasks are required & Other Engineering Services "OES" are required, therefore the PM total has been reduced to 24 hrs (\$3,600 at \$150 /hr), & a new OES category has been created & funded with the money removed from PM.		
	Other Legal Services	Other Legal Services		

Other	Section	Question	Response
Expenses	AM Pattern Disturbance	Is an Impact Study needed?	No
		Is Remediation needed?	No
	Facility Expenses	Name	N/A
		Other Distributed Transmission System Expenses Not listed	N/A
		Name	N/A
		Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
	Permit and Filing Costs	Local Zoning	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?	No
		Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	No
		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).

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Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter VAXTE- 6R37	\$210,348.88	\$210,348.88		\$136,105.02	
Group 2 Transmitter	\$51,413.86	\$51,413.86	See attached / uploaded PDF file titled "Gates US0335780 v200908jgv3. pdf" Amount comes from \$125,755.53 minus Aux payments 1 (\$37,170.83) and 2 (\$37,170.83), then rounded down to the nearest \$0.01	N/A	N/A
Other Electrical Service: Disconnect existing transmitter and connect new transmitter.	\$25,000.00	\$25,000.00	N/A	\$2,170.00	N/A

High VHF Air Cooled Sold State Ha kW\$133,935.02\$133,935.02\$133,935.02NA PDF files tide Vipoladed PDF files JW30004660- 1 v190620jgv1. pdf" rGates JW30004660- 2 v201016jgv4. pdf"\$133,935.02NA kiAuxiliary Transmitter Transmitter Air Cooled Sold State Transmitter A. KW\$150,755.52\$150,755.52\$125,755.52\$127,907.52NAHigh VHF Air Cooled Sold State Transmitter A. KW\$125,755.52\$125,755.52\$125,755.52\$125,755.52NAHigh VHF Air Cooled Sold State Transmitter Transmitter A. RWW\$252,000.00\$200,000 PDF files JW30004660- 1 100620jgv1. pdf". 'Gates JW30004660- 2 v201016jgv4. pdf" and "Gates US0335780 v201006jgv4. pdf"\$125,755.52NAOther Electrical Service: Disconnect existing transmitter and connect new transmitter\$25,000.00N/A\$2,152.00N/ASub-totalStat1,04.40N/AN/A\$24,012.54N/A						
Transmitter VAXTE- gR37S125,755.52See attached / uploaded PDF files titled "Gates JW30004660- 1 v190620jgv1. pdf", "Gates JW30004660- 2 v200115jgv1. pdf", "Gates US0335780 v201006jgv4. pdf"\$125,755.52N/ACher Electrical Service: Disconnect existing transmitter\$25,000.00\$25,000.00\$XA\$2,152.00\$XA	Air Cooled Solid State Transmitter	\$133,935.02	\$133,935.02	/ uploaded PDF files titled "Gates JW30004660- 1 v190620jgv1. pdf", "Gates JW30004660- 2 v200115jgv1. pdf" and "Gates US0335780 v201006jgv4.	\$133,935.02	N/A
Air Cooled Solid State Transmitter 4.8 kW/ uploaded PDF files titled "Gates JW30004660- 1 v190620jgv1. pdf", "Gates JW30004660- 2 v200115jgv1. pdf" and "Gates US0335780 v201006jgv4. pdf"Other Electrical Service: Disconnect existing transmitter.\$25,000.00N/A\$2,152.00N/A	Transmitter VAXTE-	\$150,755.52	\$150,755.52		\$127,907.52	
ElectricalService:Disconnectexistingtransmitterandconnectnewtransmitter.	Air Cooled Solid State Transmitter	\$125,755.52	\$125,755.52	/ uploaded PDF files titled "Gates JW30004660- 1 v190620jgv1. pdf", "Gates JW30004660- 2 v200115jgv1. pdf" and "Gates US0335780 v201006jgv4.	\$125,755.52	N/A
Sub-total \$361,104.40 \$361,104.40 N/A \$264,012.54 N/A	Electrical Service: Disconnect existing transmitter and connect new	\$25,000.00	\$25,000.00	N/A	\$2,152.00	N/A
	Sub-total	\$361,104.40	\$361,104.40	N/A	\$264,012.54	N/A

Components

Actual Information Description	File Name	
Group 2 Transmitter	Information not provided.	
Other Electrical Service: Disconnect existing transmitter and connect new transmitter.	Component Description: Amount:	Radio Works 2026 v201102jgv2 \$2,170.00
High VHF - Air Cooled Solid State Transmitter 4.8 kW	Component Description: Amount:	Gates JW30004660-2 v200115jgv1 \$41,106.49
	Component Description: Amount:	Gates JW30004660-1 v190620jgv1 \$41,106.49
	Component Description: Amount:	Gates US0335780 v201006jgv4 \$51,722.04

High VHF - Air Cooled Solid State Transmitter 4.8 kW	Component Description:	Gates
		JW30004660-2
	Amount:	v200115jgv1 \$37,170.83
	Component Description:	Gates US0335780
		v201006jgv4
	Amount:	\$51,413.86
	Component Description:	Gates
		JW30004660-1
		v190620jgv1
	Amount:	\$37,170.83
Other Electrical Service:		
Disconnect existing	Component Description:	Radio Works 2012
transmitter and connect new		v201102jgv2
transmitter.		

Antennas

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Antenna TLS-V4BB	\$83,135.00	\$67,200.00		\$66,560.00	
Other Antenna Cost	\$16,695.00	\$16,695.00	N/A	\$16,695.00	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$7,545.00	See attached PDF titled "Die MAN01428 v190926jgv1. pdf"	\$7,545.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	See attached / uploaded PDF file titled "Die MAN01428 v190926jgv1. pdf"	\$5,760.00	N/A
High VHF - High Power Side Mount One Station horizontally polarized	\$36,560.00	\$36,560.00	See attached PDF titled "Die MAN01428 v190926jgv1. pdf"	\$36,560.00	N/A
Primary Antenna THV-6A9 /VP-R C140	\$317,694.00	\$316,488.00		\$316,488.00	

Elbow	\$3,856.00	\$3,856.00	See attached PDF titled "Die MAN01423 v190926jgv1. pdf"	\$3,856.00	N/A
Trans Test 6-75	\$2,420.00	\$2,420.00	See attached PDF titled "Die MAN01423 v190926jgv1. pdf"	\$2,420.00	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$11,424.00	See attached PDF titled "Die MAN01423 v190926jgv1. pdf"	\$11,424.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	See attached / uploaded PDF file titled "Die MAN01423 v190926jgv1. pdf"	\$6,400.00	N/A
High VHF - High Power Top Mount One Station horizontally polarized	\$272,612.00	\$272,612.00	See attached PDF titled "Die MAN01423 v190926jgv1. pdf"	\$272,612.00	N/A
Feed Through Complex	\$16,056.00	\$16,056.00	See attached PDF titled "Die MAN01423 v190926jgv1. pdf"	\$16,056.00	N/A

TLSCRs	\$3,720.00	\$3,720.00	See attached PDF titled "Die MAN01423 v190926jgv1. pdf"	\$3,720.00	N/A
Sub-total	\$400,829.00	\$383,688.00	N/A	\$383,048.00	N/A
Total for all systems	\$2,057,044.68	\$2,310,689.68	N/A	\$1,445,296.84	N/A

Components

Actual Information Description	File Name	
Other Antenna Cost		
	Component Description:	Die 773001
		v201112pmv1
	Amount:	\$16,695.00
Side mount brackets for		
high power antennas (if not	Component Description:	Die MAN01564 Int
included in antenna base		side mt bkts 45 pct
cost)		pmt 2 v200212jgv1
	Amount:	\$3,395.25
	Component Description:	Die MAN01428 Int
		side mt bkts 45 pct
		pmt 1 v190926jgv1
	Amount:	\$3,395.25
	Component Description:	Die 750019
		v200330pmv1
	Amount:	\$754.50

Sweep test of existing antenna	Component Description:	Die MAN01564 Int
	Amount:	sweep 45 pct pmt 2 v200212jgv1 \$2,880.00
	Component Description:	Die MAN01428 Int sweep 45 pct pmt 1 v190926jgv1
	Amount:	\$2,880.00
	Component Description:	Invoice is being applied to another component per C Hunt 10/30/20 RFI
	Amount:	email. N/A
High VHF - High Power Side Mount One Station horizontally polarized	Component Description:	Die MAN01564 Int ant 45 pct pmt 2
	Amount:	v200212jgv1 \$16,452.00
	Component Description:	Die MAN01428 Int ant 45 pct pmt 1
	Amount:	v190926jgv1 \$16,452.00
	Component Description:	Die 750019
		v200330pmv1

	Component Description:	Die 723032
	Component Description.	v200220v1
	Amount:	\$385.60
	Component Description:	Die MAN01423 Prim ant elbow 45 pct pmt 1 v190926jgv1
	Amount:	\$1,735.20
	Component Description:	Die MAN01563 Prim ant elbow 45 pct pmt 2 v200212jgv1
	Amount:	\$1,735.20
Trans Test 6-75		
	Component Description:	Die MAN01563 Prim ant trans test 45 pct pmt 2 v200212jgv1
	Amount:	\$1,089.00
	Component Description:	Die 723032 v200220v1
	Amount:	\$242.00
	Component Description:	Die MAN01423
		Prim ant trans test 45 pct pmt 1 v190926jgv1
	Amount:	\$1,089.00

Elbow complex, single channel, at antenna input,	Component Description:	Die MAN01563
per 6 1/8. feedline (if needed)		Prim ant elbow complex 45 pct
	Amount:	pmt 2 v200212jgv1 \$5,140.80
	Component Description:	Die 723032
	Amount:	v200220v1 \$1,142.40
	Component Description:	Die MAN01423 Prim ant elbow
	Amount:	complex 45 pct pmt 1 v190926jgv1 \$5,140.80
Sweep test of existing antenna		D:- 700000
	Component Description: Amount:	Die 723032 v200220v1 \$640.00
	Component Description:	Die MAN01423
	component Description.	Prim ant sweep 45 pct pmt 1
	Amount:	v190926jgv1 \$2,880.00
	Component Description:	Die MAN01563 Prim ant sweep 45 pct pmt 2
	Amount:	v200212jgv1 \$2,880.00
	Component Description:	Invoice is being
		applied to another component per C Hunt 10/30/20 RFI email.
	Amount:	emaii. N/A

High VHF - High Power Top Mount One Station horizontally polarized	Component Description: Amount:	Die 723032 v200220v1 \$27,261.20
	Component Description:	Die MAN01423 Prim ant 45 pct pmt 1 v190926jgv1
	Amount:	\$122,675.40
	Component Description:	Die MAN01563 Prim ant 45 pct pmt 2 v200212jgv1
	Amount:	\$122,675.40
Feed Through Complex		
	Component Description:	Die 723032
		v200220v1
	Amount:	\$1,605.60
	Component Description:	Die MAN01423 Prim ant feed thru complex 45 pct pmt 1 v190926jgv1
	Amount:	\$7,225.20
	Component Description:	Die MAN01563 Prim ant feed thru complex 45 pct
	Amount:	pmt 2 v200212jgv1 \$7,225.20

Component Description:	Die 723032
	v200220v1
Amount:	\$372.00
Component Description:	Die MAN01423
	Prim ant TLSCR
	45 pct pmt 1
	v190926jgv1
Amount:	\$1,674.00
Component Description:	Die MAN01563
	Prim ant TLSCR
	45 pct pmt 2
	v200212jgv1
Amount:	\$1,674.00

Transmission Line

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmission Line	\$141,739.28	\$101,627.28		\$91,955.26	
Flex Line	\$1,507.28	\$1,507.28	See attached PDF titled "Die MAN01428 v190926jgv1. pdf"	\$1,356.54	N/A
TLSCRs	\$3,912.00	\$3,912.00	See attached PDF titled "Die MAN01428 v190926jgv1. pdf"	\$3,520.80	N/A
Rigid Transmission Line - copper, 4 1 /16"	\$136,320.00	\$96,208.00	See attached PDF titled "Die MAN01428 v190926jgv1. pdf"	\$87,077.92	N/A
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
Sub-total	\$148,139.28	\$108,027.28	N/A	\$91,955.26	N/A
Total for all systems	\$2,057,044.68	\$2,310,689.68	N/A	\$1,445,296.84	N/A

Actual Information Description	File Name	
Flex Line	Component Description:	Die MAN01564 Int flex line 45 pct pmt
	Amount:	2 v200212jgv1 \$678.27
	Component Description:	Die MAN01428 Int flex line 45 pct pmt 1 v190926jgv1
	Amount:	\$678.27
TLSCRs	Component Description:	Die MAN01564 Int TLSCRs 45 pct
	Amount:	pmt 2 v200212jgv1 \$1,760.40
	Component Description:	Die MAN01428 Int TLSCRs 45 pct
	Amount:	pmt 1 v190926jgv1 \$1,760.40
Rigid Transmission Line - copper, 4 1/16"	Component Description:	Die MAN01564 Int TX line 45 pct pmt
	Amount:	2 v200212jgv1 \$43,293.60
	Component Description:	Die MAN01428 Int TX line 45 pct pmt 1 v190926jgv1
	Amount:	\$43,293.60
	Component Description:	Die 750019 v200330pmv1 \$490.72
Sweep Tests	Information not provided.	

Tower Equipment and Rigging Costs

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower GTOWER	\$862,000.00	\$1,146,525.00		\$654,772.50	
Major tower reinforcement /modifications	\$421,000.00	\$400,000.00	N/A	N/A	N/A
Structural engineering tower load study for a documented tower with candelabra	\$20,000.00	\$19,000.00	N/A	N/A	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$727,525.00	See attached / uploaded PDF file titled "Intl Twrs 20- 1604 v200204jgv1. pdf"	\$654,772.50	N/A
Sub-total	\$862,000.00	\$1,146,525.00	N/A	\$654,772.50	N/A
Total for all systems	\$2,057,044.68	\$2,310,689.68	N/A	\$1,445,296.84	N/A

Actual Information Description	File Name
Major tower reinforcement /modifications	Information not provided.

Structural engineering tower load study for a documented tower with candelabra	Information not provided.	
Complex Tower (includes, for example, those with candelabras and/or stacked	Component Description:	Intl Twrs 20-1604
antennas)	Amount:	v200204jgv1 \$218,257.50
	Component Description:	Intl Twrs 20-1620
	Amount:	v200408jgv1 \$218,257.50
	Component Description:	Intl Twrs 20-1651
	Amount:	v201001jgv1 \$218,257.50

Outside Professional Services

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cos Justificatio
Outside Professional Services	\$226,422.00	\$253,345.00		\$50,115.85	
Other Legal Services	\$10,000.00	\$10,000.00	This is an estimate of the various Repack legal services that may be required during the remainder of this Phase 9 station.	\$300.00	N/A
Other Engineering Services	\$26,250.00	\$26,250.00	Fewer Project Management "PM" tasks are required & Other Engineering Services "OES" are required, therefore the PM total has been reduced to 24 hrs (\$3,600 at \$150/hr), & a new OES category has been created & funded with the money removed from PM.	\$4,579.50	N/A

Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	N/A	N/
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	N/A	N/A	N/
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	N/A	N/
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	\$1,500.00	N/
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/J

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$2,500.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$4,250.00	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/#
Additional Field Engineering Service, 21 Days	\$42,000.00	\$42,000.00	N/A	\$24,641.35	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/#
Prepare and or review reimbursement form	\$2,630.00	\$10,995.00	The Estimated Cost includes Form 399 submissions including ongoing Actual Cost invoice prep and submission, and	\$10,995.00	N/A

Project management of the transition	\$3,792.00	\$29,850.00	N/A	\$1,350.00	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	N/A
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$2,000.00	N/A	N/A	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	N/A	N/A
Sub-total	\$226,422.00	\$253,345.00	N/A	\$50,115.85	N/A
Total for all systems	\$2,057,044.68	\$2,310,689.68	N/A	\$1,445,296.84	N/A

Actual Information Description	File Name	
Other Legal Services		
	Component Description:	GSB 718381 v190625jgv1
	Amount:	\$300.00

Component Description:	KGA 106-69
	v201109jgv1
Amount:	\$825.00
Component Description:	KGA 106-70
Amountu	v201109jgv1
Amount:	\$100.00
Component Description:	KGA 160-74
	v200925jgv1
Amount:	\$400.00
Component Description:	KGA inv #106-40
	RF Design and
	Calcs
Amount	UL20190207jgv1 \$70.50
Amount.	\$79.50
Component Description:	KGA 106-64
	v200818jgv1
Amount:	\$1,025.00
Component Description:	KGA 160-76
Amount:	v200827jgv2 \$1,475.00
	ψ1, 1 73.00
Component Description:	KGA 160-75
	v200925jgv1
Amount:	\$675.00
Information not provided.	
Information not provided.	
	Amount:Component Description:Amount:Component Description:Amount:Component Description:Amount:Component Description:Amount:Component Description:Amount:Component Description:Amount:Component Description:Amount: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 request for Special Temporary Authorization	Component Description: Amount:	KGA 160-72 v200827jgv2 \$1,500.00
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description: Amount:	KGA inv #106-3 CP app and ant develop UL20190207jgv \$2,500.00
Perform engineering study for new channel assignment and antenna development	Component Description:	KGA inv #106-3 CP app and ant develop UL20190207jgv
	Amount:	\$4,250.00
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	

Additional Field Engineering Service, 21 Days	Component Description:	KGA inv #106-34 RF Field Eng Srvcs UL20190228jgv1
	Amount:	\$21,016.35
	Component Description:	KGA inv #106-31 On site survey
	Amount:	UL20190207jgv1 \$3,625.00
RF Exposure Measurements	Information not provided.	

Prepare and or review reimbursement form	Component Description: Amount:	KGA 106-73 v200814jgv1 \$625.00
	Component Description: Amount:	KGA 106-66 v201008jgv1 \$3,185.00
	Component Description:	KGA inv #106-33 Prepare or Review 399 reimbursement form
	Amount:	UL20190207jgv1 \$2,500.00
	Component Description: Amount:	KGA 106-61 v200925jgv1 \$2,150.00
	Component Description: Amount:	KGA 106-71 v201109jgv1 \$2,075.00
	Component Description: Amount:	KGA 106-70 v200814jgv1 \$435.00
	Component Description: Amount:	KGA 106-63 v200925jgv1 \$25.00

Project management of the		
Project management of the transition	Component Description:	KGA inv #106-38
		Form 387 2018 Q
		UL20190207jgv1
	Amount:	\$150.00
	Component Description:	KGA 106-62
		v200925jgv1
	Amount:	\$150.00
	Component Description:	KGA inv #106-39
		Form 387 2018 Q
		UL20190207jgv1
	Amount:	\$150.00
	Component Description:	KGA 106-71
	Amounti	v200814jgv1
	Amount:	\$150.00
	Component Description:	KGA inv #10635
		Form 387 2018 Q
		UL20190207jgv1
	Amount:	\$300.00
	Component Description:	KGA inv #106-36
		Form 387 2017 Q
	Amounti	UL20190207jgv1
	Amount:	\$225.00
	Component Description:	KGA inv #106-37
		Form 387 2018 Q
		UL20190207jgv1
	Amount:	\$225.00
Comprehensive coverage	Information not provided.	
verification via field study, if needed		

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.

Other Expenses

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$58,550.00	\$58,000.00		\$1,392.69	
MVPD Notification of Channel Change	\$2,000.00	\$2,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	N/A	N/A
Non- zoning permits	\$5,000.00	\$5,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$15,000.00	\$15,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	\$25,000.00	\$25,000.00	N/A	\$1,392.69	N/A
Sub-total	\$58,550.00	\$58,000.00	N/A	\$1,392.69	N/A
Total for all systems	\$2,057,044.68	\$2,310,689.68	N/A	\$1,445,296.84	N/A

Actual Information Description	File Name	
MVPD Notification of Channel Change	Information not provided.	
DTV Medical Facility Notification	Information not provided.	
Non-zoning permits	Information not provided.	
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.	
Equipment Delivery and Handling Charges	Component Description:	Die 876003 v200908pmv1
	Amount:	\$1,392.69

Cost	Grand Total				
Information		Predetermined Cost Estimate	Estimated Cost	Actual Cost	
	Total for all systems	\$2,057,044.68	\$2,310,689.68	\$1,445,296.84	

Reimbursem	entestiatus	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.

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.	Jeffrey C Gehman <i>Engineering</i> <i>Associate</i>
	11/12/2020

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	lare, under penalty of perjury, that I am uthorized representative of the above- ed applicant for the Authorization(s) ified above.	Jeffrey C Gehman Engineering Associate
		11/12/2020

Attachments