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

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID: **73130** | Service: **DTV** | Call Sign: **WJCT** | Channel: **9 (High VHF)**

File Number: **0000025124**

FRN: **0001823111** | Date Submitted: **11/02/2020**

Applicant Information

Applicant Name, Type, and Contact 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 Information

Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and 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 Information and Transition Plan

Question	Response
Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	No
Briefly describe transition plan	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

Auxiliary Transmitter

Add Transmitter Information

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 and Type	Manufacturer	
	Model	PTCD10P1-I
	Year	2007
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	2.53 kW

Auxiliary Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	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
	Type	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Auxiliary Transmitter

Other Transmitter Cost Not Listed

Information not provided.

Primary Transmitter

Existing Transmitter Information

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

Primary Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	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.

Primary Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	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
	Type	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter

Other Transmitter Cost Not Listed

Name	Description
Group 2 Transmitter	Group 2 Transmitter

Antennas

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

Primary Antenna

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	Yes
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Top
	Polarization	Horizontal
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels	N/A
	Design power capacity in use	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	18.0 kW

Manufacturer	
Model	THV-6A7 C140
Year	2009

Primary Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Top
	Polarization	Horizontal
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	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.

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	6 1/8 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No

Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Primary Antenna

Other Antenna Cost Not Listed

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

Interim Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna Manufacturer and Type	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	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 replacement and for the duration of the assigned phase. Station will attempt to rent if renting is available at time of acquisition.

Interim Antenna

Other Antenna Costs

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

Interim Antenna

Other Antenna Cost Not Listed

Information not provided.

Transmission Line

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

Primary Transmission Line

Existing Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Utilize Existing
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	Dielectric
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1010 feet per run

Primary Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Sweep Tests	Sweep line to verify performance on assigned channel

Interim Transmission Line

New Transmission Line

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

	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.

Interim Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
TLSCRs	TLSCRs
Flex Line	Flex Line

Tower Equipment And Rigging Costs

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

Primary Tower

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	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 Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1235223
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	30° 16' 51.9" N-
	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
67243	WKSL	FM
51975	WJBT	FM
73125	WJCT-FM	FM
51974	WWJK	FM
29728	WQIK-FM	FM

Other Types of Users

Users
Many RPU antenn

Primary Tower

Tower Modification 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

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

Primary Tower

Other Tower Expenses Not Listed

Information not provided.

Outside Professional Services Costs

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	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 Services	Prepare and file Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	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.

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

Name	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 Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	No
	Non-zoning permits	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

Other Expenses Not Listed

Information not provided.

Cost Information

Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter 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 Solid State Transmitter 4.8 kW	***$133,935.02***	$133,935.02	See attached / uploaded PDF files titled "Gates JW30004660-1 v190620jgv1.pdf", "Gates JW30004660-2 v200115jgv1.pdf" and "Gates US0335780 v201006jgv4.pdf"	$133,935.02	N/A
Auxiliary Transmitter VAXTE-6R37	**$150,755.52**	**$150,755.52**		**$127,907.52**	
High VHF - Air Cooled Solid State Transmitter 4.8 kW	***$125,755.52***	$125,755.52	See attached / uploaded PDF files titled "Gates JW30004660-1 v190620jgv1.pdf", "Gates JW30004660-2 v200115jgv1.pdf" and "Gates US0335780 v201006jgv4.pdf"	$125,755.52	N/A
Other Electrical Service: Disconnect existing transmitter and connect new transmitter.	***$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

Total for all systems	$2,040,349.68	$2,291,919.68	N/A	$1,425,601.84	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:** **Component Description:** **Amount:** **Component Description:** **Amount:**	Gates JW30004660-1 v190620jgv1 $41,106.49 Gates JW30004660-2 v200115jgv1 $41,106.49 Gates US0335780 v201006jgv4 $51,722.04

High VHF - Air Cooled Solid State Transmitter 4.8 kW	**Component Description:** **Amount:**	Gates JW30004660-2 v200115jgv1 $37,170.83
	Component Description: **Amount:**	Gates JW30004660-1 v190620jgv1 $37,170.83
	Component Description: **Amount:**	Gates US0335780 v201006jgv4 $51,413.86
Other Electrical Service: Disconnect existing transmitter and connect new transmitter.	**Component Description:** **Amount:**	Radio Works 2012 v201102jgv2 $2,152.00

Cost Information

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Antenna TLS-V4BB	**$66,440.00**	**$50,505.00**		**$49,865.00**	
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
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
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
Primary Antenna THV-6A9 /VP-R C140	**$317,694.00**	**$316,488.00**		**$316,488.00**	

TLSCRs	***$3,720.00***	$3,720.00	See attached PDF titled "Die MAN01423 v190926jgv1. pdf"	$3,720.00	N/A
Elbow	***$3,856.00***	$3,856.00	See attached PDF titled "Die MAN01423 v190926jgv1. pdf"	$3,856.00	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
Trans Test 6-75	***$2,420.00***	$2,420.00	See attached PDF titled "Die MAN01423 v190926jgv1. pdf"	$2,420.00	N/A

Feed Through Complex	***$16,056.00***	$16,056.00	See attached PDF titled "Die MAN01423 v190926jgv1.pdf"	$16,056.00	N/A
Sub-total	$384,134.00	$366,993.00	N/A	$366,353.00	N/A
Total for all systems	$2,040,349.68	$2,291,919.68	N/A	$1,425,601.84	N/A

Components

Actual Information Description	File Name	
Side mount brackets for high power antennas (if not included in antenna base cost)	**Component Description:**	Die MAN01564 Int side mt bkts 45 pct 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

High VHF - High Power Side Mount One Station horizontally polarized	**Component Description:** **Amount:**	Die MAN01564 Int ant 45 pct pmt 2 v200212jgv1 $16,452.00
	Component Description: **Amount:**	Die MAN01428 Int ant 45 pct pmt 1 v190926jgv1 $16,452.00
	Component Description: **Amount:**	Die 750019 v200330pmv1 $3,656.00
Sweep test of existing antenna	**Component Description:** **Amount:**	Die MAN01564 Int sweep 45 pct pmt 2 v200212jgv1 $2,880.00
	Component Description: **Amount:**	Die MAN01428 Int sweep 45 pct pmt 1 v190926jgv1 $2,880.00
	Component Description: **Amount:**	Invoice is being applied to another component per C Hunt 10/30/20 RFI email. N/A

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

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

High VHF - High Power Top Mount One Station horizontally polarized	**Component Description:**	Die 723032 v200220v1
	Amount:	$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
Trans Test 6-75	**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
	Component Description:	Die MAN01563 Prim ant trans test 45 pct pmt 2 v200212jgv1
	Amount:	$1,089.00

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 pmt 2 v200212jgv1
	Amount:	$7,225.20

Cost Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmission Line	**$141,739.28**	**$101,627.28**		**$91,955.26**	
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
TLSCRs	***$3,912.00***	$3,912.00	See attached PDF titled "Die MAN01428 v190926jgv1.pdf"	$3,520.80	N/A
Flex Line	***$1,507.28***	$1,507.28	See attached PDF titled "Die MAN01428 v190926jgv1.pdf"	$1,356.54	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	$2,040,349.68	$2,291,919.68	N/A	$1,425,601.84	N/A

Components

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

Cost Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower 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	$2,040,349.68	$2,291,919.68	N/A	$1,425,601.84	N/A

Components

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 antennas)	**Component Description:** Intl Twrs 20-1604 v200204jgv1 **Amount:** $218,257.50 **Component Description:** Intl Twrs 20-1620 v200408jgv1 **Amount:** $218,257.50 **Component Description:** Intl Twrs 20-1651 v201001jgv1 **Amount:** $218,257.50

Cost Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	**$226,422.00**	**$251,270.00**		**$47,115.85**	
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.	$3,654.50	N/A

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/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
Attorney Fees - Prepare and File request for Special Temporary Authorization	$3,680.00	$3,500.00	N/A	N/A	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	$4,210.00	$4,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	$2,365.00	$2,250.00	N/A	N/A	N/A

Attorney Fees - 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	$1,500.00	N/A	$1,500.00	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/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
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	$3,155.00	$3,000.00	N/A	$2,500.00	N/A
Project management of the transition	$3,792.00	$29,850.00	N/A	$1,350.00	N/A

Prepare and or review reimbursement form	$2,630.00	$8,920.00	The Estimated Cost includes Form 399 submissions including ongoing Actual Cost invoice prep and submission, and amendments as needed.	$8,920.00	N/A
Sub-total	$226,422.00	$251,270.00	N/A	$47,115.85	N/A
Total for all systems	$2,040,349.68	$2,291,919.68	N/A	$1,425,601.84	N/A

Components

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

Other Engineering Services	**Component Description:** **Amount:**	KGA 160-75 v200925jgv1 $675.00
	Component Description: **Amount:**	KGA 160-76 v200827jgv2 $1,475.00
	Component Description: **Amount:**	KGA 160-74 v200925jgv1 $400.00
	Component Description: **Amount:**	KGA 106-64 v200818jgv1 $1,025.00
	Component Description: **Amount:**	KGA inv #106-40 RF Design and Calcs UL20190207jgv1 $79.50
Additional Field Engineering Service, 21 Days	**Component Description:** **Amount:**	KGA inv #106-31 On site survey UL20190207jgv1 $3,625.00
	Component Description: **Amount:**	KGA inv #106-34 RF Field Eng Srvcs UL20190228jgv1 $21,016.35
RF Exposure Measurements	Information not provided.	
Comprehensive coverage verification via field study, if needed	Information not provided.	

FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.
ASR modification (prepare FCC Form 854)	Information not provided.
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.
Attorney Fees - Negotiation of lease and other matters for shared locations	Information not provided.
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.
Prepare request for Special Temporary Authorization	**Component Description:** KGA 160-72 v200827jgv2 **Amount:** $1,500.00
Perform engineering study for new channel assignment and antenna development	**Component Description:** KGA inv #106-32 CP app and ant develop UL20190207jgv1 **Amount:** $4,250.00
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.

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 #106-32 CP app and ant develop UL20190207jgv1 $2,500.00

Project management of the transition	**Component Description:**	KGA inv #106-37 Form 387 2018 Q1 UL20190207jgv1
	Amount:	$225.00
	Component Description:	KGA 106-62 v200925jgv1
	Amount:	$150.00
	Component Description:	KGA inv #10635 Form 387 2018 Q3 UL20190207jgv1
	Amount:	$300.00
	Component Description:	KGA 106-71 v200814jgv1
	Amount:	$150.00
	Component Description:	KGA inv #106-38 Form 387 2018 Q2 UL20190207jgv1
	Amount:	$150.00
	Component Description:	KGA inv #106-39 Form 387 2018 Q3 UL20190207jgv1
	Amount:	$150.00
	Component Description:	KGA inv #106-36 Form 387 2017 Q4 UL20190207jgv1
	Amount:	$225.00

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

Cost Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	**$58,550.00**	**$58,000.00**		**$1,392.69**	
Equipment Delivery and Handling Charges	***$25,000.00***	$25,000.00	N/A	$1,392.69	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
Non-zoning permits	***$5,000.00***	$5,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	$11,550.00	$11,000.00	N/A	N/A	N/A
MVPD Notification of Channel Change	***$2,000.00***	$2,000.00	N/A	N/A	N/A
Sub-total	$58,550.00	$58,000.00	N/A	$1,392.69	N/A
Total for all systems	$2,040,349.68	$2,291,919.68	N/A	$1,425,601.84	N/A

Components

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

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	$2,040,349.68	$2,291,919.68	$1,425,601.84

Reimbursement Status

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

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

	8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.	
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	**Jeffrey C Gehman** *Engineering Associate* 11/02/2020

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).	
	1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. 3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.	

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

	8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission. 9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.	
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	**Jeffrey C Gehman** *Engineering Associate* 11/02/2020

Attachments