

(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility 73130 Service: DTV Call WJCT Channel: 9 (High VHF)

ID: Sign:

ID: File

0000025124

Number:

FRN: **0001823111** Date **08/19** 

Submitted: /2020

# Applicant Information

#### **Applicant Name, Type, and Contact Information**

Applicant	Address	Phone	Email	Applicant Type
WJCT, INC. Doing Business As: WJCT	Jocelyn Enriquez 100 FESTIVAL PARK AVENUE JACKSONVILLE, FL 32202 United States	+1 (904) 358-6321	jenriquez@wjct. org	Not-for- Profit

# Reimbursement Contact Name and Information Reimbursement Contact 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**

rs	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	
Manufacturer and Type	Model	PTCD10P1-
	Year	2007
	Туре	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 retuned 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
Transmitter

**Other Transmitter Cost Not Listed** 

**Transmitter** 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	
Manufacturer and Type	Model	PTCD10P1-
	Year	2007
	Туре	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 retuned 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
	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 Unformation not provided.

**Other Transmitter Cost Not Listed** 

#### **Antennas**

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

#### **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	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

Manufacturer	
Model	THV-6A7 C140
Year	2009

#### **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	Class	Full Power
Manufacturer and Types	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**

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 transmission line and antenna?	Yes
------------	--	-----

#### **Other Antenna Cost Not Listed**

Name	Description
Elbow	Elbow
Feed Through Complex	Feed Through Complex
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	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/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 Seffien	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

# Primary Transmission

# **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	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 <sub>d</sub> ine	Description
	Sweep Tests	Sweep line to verify performance on assigned channel

#### Interim

#### **New Transmission Line**

Transmission	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	

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
	duration of
	the
	assigned
	phase.
	Station will
	attempt to
	rent if
	renting is
	available at
	time of
	acquisition.

# Other Transmission Line Expenses Not Listed

#### Interim Transmissio

10	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	Type of change	Modify Existing
Description	Tower Use	
	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-
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
51974	WWJK	FM
67243	WKSL	FM
73125	WJCT-FM	FM
51975	WJBT	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

Section	Question	Response
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.

#### Outside Professional

# Other Professional Services Expenses Not Listed

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 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 Not Listed

**Expenses** 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 Primary Transmitter VAXTE- 6R37	Predetermined Cost Estimate \$158,935.02	Estimated Cost \$158,935.02	Cost Justification	Actual Cost \$133,935.02	Actual Cost Justification
Other Electrical Service: Disconnect existing transmitter and connect new transmitter.	\$25,000.00	\$25,000.00	N/A	N/A	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 v200625jgv1. pdf"	\$133,935.02	N/A
Auxiliary Transmitter VAXTE- 6R37	\$150,755.52	\$150,755.52		\$125,755.52	

Total for	\$1,988,935.82	\$2,235,145.82	N/A	\$1,195,044.65	N/A
Sub-total	\$309,690.54	\$309,690.54	N/A	\$259,690.54	N/A
Other Electrical Service: Disconnect existing transmitter and connect new transmitter.	\$25,000.00	\$25,000.00	N/A	\$0.00	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 v200625jgv1. pdf"		

#### Components

Actual Information Description	File Name
Other Electrical Service: Disconnect existing transmitter and connect new transmitter.	Information not provided.

High VHF - Air Cooled Solid State Transmitter 4.8 kW	Component Description:	Gates
		JW30004660-1
		v190620jgv1
	Amount:	\$41,106.49
	Component Description:	Gates
		JW30004660-2 v200115jgv1
	Amount:	\$41,106.49
	Component Description:	Gates US0335780
		v200819jgv2
	Amount:	\$51,722.04
High VHF - Air Cooled Solid		
State Transmitter 4.8 kW	<b>Component Description:</b>	Gates
		JW30004660-1
		v190620jgv1
	Amount:	\$37,170.83
	Component Description:	Gates
		JW30004660-2
		v200115jgv1
	Amount:	\$37,170.83
	Component Description:	Gates US0335780
		v200819jgv2
	Amount:	\$51,413.86
Other Electrical Service: Disconnect existing transmitter and connect new transmitter.	Information not provided.	

# **Cost Information**

#### **Antennas**

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

Description Interim Antenna TLS-V4BB	Predetermined Cost Estimate \$66,440.00	Estimated Cost \$50,505.00	Estimated Cost Justification	Actual Cost \$49,865.00	Actual Cost Justification
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 PDF titled "Die MAN01428 v190926jgv1. pdf"	\$5,760.00	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
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
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 PDF 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
TLSCRs	\$3,720.00	\$3,720.00	See attached PDF titled "Die MAN01423 v190926jgv1. pdf"	\$3,720.00	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	\$1,988,935.82	\$2,235,145.82	N/A	\$1,195,044.65	N/A

# Components

Actual Information Description	File Name	
High VHF - High Power Side Mount One Station horizontally polarized	Component Description:	Die MAN01564 Int ant 45 pct pmt 2 v200212jgv1
	Amount:	\$16,452.00
	Component Description:	Die MAN01428 Int ant 45 pct pmt 1 v190926jgv1
	Amount:	\$16,452.00
	Component Description:	Die 750019 v200330pmv1
	Amount:	\$3,656.00

Sweep test of existing antenna		
antenna	<b>Component Description:</b>	Die MAN01564 Int
		sweep 45 pct pmt
		2 v200212jgv1
	Amount:	\$2,880.00
	Component Description:	Die MAN01428 Int
		sweep 45 pct pmt
		1 v190926jgv1
	Amount:	\$2,880.00
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
	Component Description.	side mt bkts 45 pct
		pmt 1 v190926jgv1
	Amount:	\$3,395.25
	Component Description	Dio 750040
	Component Description:	Die 750019
	Amount	v200330pmv1 \$754.50
	Amount:	\$754.50

Elbow		
	<b>Component Description:</b>	Die 723032
	Amazzata	v200220v1
	Amount:	\$385.60
	Component Description:	Die MAN01423
		Prim ant elbow 45
		pct pmt 1
	Amazzata	v190926jgv1
	Amount:	\$1,735.20
	Component Description:	Die MAN01563
		Prim ant elbow 45
		pct pmt 2
	Amount:	v200212jgv1 \$1,735.20
Elbow complex, single channel, at antenna input,	Component Description:	Die 723032
per 6 1/8. feedline (if needed)		v200220v1
needed)	Amount:	\$1,142.40
	Component Description:	Die MAN01423
		Prim ant elbow
		complex 45 pct
	Amount:	pmt 1 v190926jgv1
	Amount.	\$5,140.80
	Component Description:	Die MAN01563
		Prim ant elbow
		complex 45 pct
		pmt 2 v200212jgv1
	Amount:	\$5,140.80

Sweep test of existing antenna		
amornia	Component Description:	Die 723032
	Amaunt	v200220v1
	Amount:	\$640.00
	Component Description:	Die MAN01423
		Prim ant sweep 45
		pct pmt 1
	Amount:	v190926jgv1 \$2,880.00
	Amount.	ψ2,000.00
	Component Description:	Die MAN01563
		Prim ant sweep 45
		pct pmt 2
		v200212jgv1
	Amount:	\$2,880.00
High VHF - High Power Top Mount One Station		
horizontally polarized	Component Description:	Die 723032
nonzontany polanizou		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

ΓLSCRs		
	Component Description:	Die 723032 v200220v1
	Amount:	\$372.00
	, unounc	<b>4072.00</b>
	Component Description:	Die MAN01423
		Prim ant TLSCRs
		45 pct pmt 1
	Amount:	v190926jgv1 \$1,674.00
	Amount	Ψ1,07 4.00
	Component Description:	Die MAN01563
		Prim ant TLSCRs
		45 pct pmt 2
	Amount:	v200212jgv1 \$1,674.00
	, unount	ψ1,017.00
Trans Test 6-75	O-man and Danaging in ma	D:- 70000
	Component Description:	Die 723032 v200220v1
	Amount:	\$242.00
		<b>V</b> = 1=33
	Component Description:	Die MAN01423
		Prim ant trans test
		45 pct pmt 1
	Amount:	v190926jgv1 \$1,089.00
	Allioulit.	φ1,003.00
	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

\$7,225.20

Amount:

#### **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	\$1,988,935.82	\$2,235,145.82	N/A	\$1,195,044.65	N/A

### Components

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

### **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		\$436,515.00	
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"	\$436,515.00	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
Major tower reinforcement /modifications	\$421,000.00	\$400,000.00	N/A	N/A	N/A
Sub-total	\$862,000.00	\$1,146,525.00	N/A	\$436,515.00	N/A
Total for all systems	\$1,988,935.82	\$2,235,145.82	N/A	\$1,195,044.65	N/A

### Components

<b>Actual Information</b>	
Description	File Name

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

#### **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 Cos
Outside Professional Services	\$226,422.00	\$245,910.00		\$40,530.85	
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
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
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 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

\$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.	\$2,579.50	N/A
\$7,360.00	\$7,000.00	N/A	\$4,250.00	N/A
\$2,630.00	\$2,500.00	N/A	N/A	N/A
\$2,050.00	\$1,500.00	N/A	\$1,500.00	N/A
\$3,792.00	\$29,850.00	N/A	\$1,200.00	N/A
	\$2,630.00	\$7,360.00 \$7,000.00 \$2,630.00 \$2,500.00 \$2,050.00 \$1,500.00	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.  \$7,360.00 \$7,000.00 N/A  \$2,630.00 \$1,500.00 N/A	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.  \$7,360.00 \$7,000.00 N/A \$4,250.00  \$2,630.00 \$1,500.00 N/A \$1,500.00

Total for all systems	\$1,988,935.82	\$2,235,145.82	N/A	\$1,195,044.65	N/A
Sub-total	\$226,422.00	\$245,910.00	N/A	\$40,530.85	N/A
height increase					
if needed for					
Construction),					
Proposed					
7460 (Notice of					
FAA Form					
of preparing					
including cost					
consultant,	. ,	. ,			
FAA	\$2,105.00	\$2,000.00	N/A	N/A	N/A
			as needed.		
			amendments		
			and		
			submission,		
			and		
			invoice prep		
			Actual Cost		
			ongoing		
			including		
			submissions		
			Form 399		
form			includes		
reimbursement			Cost		
review			Estimated		

### Components

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

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.	
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 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:	KGA inv #106-32 CP app and ant develop UL20190207jgv1
	Amount:	\$2,500.00
Other Engineering Services		
	<b>Component Description:</b>	KGA 106-64
		v200818jgv1
	Amount:	\$1,025.00
	Component Description:	KGA 106-76
		v200814jgv1
	Amount:	\$1,475.00
	Component Description:	KGA inv #106-40
		RF Design and
		Calcs
	Amount:	UL20190207jgv1 \$79.50
Perform engineering study for new channel		
assignment and antenna	Component Description:	KGA inv #106-32
development		CP app and ant
•		develop UL20190207jgv1
	Amount:	\$4,250.00
		ψ.,200.00
Address transition timing and coordination issues w/other stations and wireless	Information not provided.	
Prepare request for		
Special Temporary	Component Description:	KGA 106-72
A	· •	
Authorization		v200814jgv1

Project management of the	е
transition	

Component Description: KGA inv #106-37

Form 387 2018 Q1 UL20190207jgv1

**Amount:** \$225.00

**Component Description:** KGA inv #10635

Form 387 2018 Q3

UL20190207jgv1

**Amount:** \$300.00

Component Description: KGA inv #106-36

Form 387 2017 Q4

UL20190207jgv1

**Amount:** \$225.00

**Component Description:** KGA inv #106-38

Form 387 2018 Q2

UL20190207jgv1

**Amount:** \$150.00

Component Description: KGA 106-71

v200814jgv1

**Amount:** \$150.00

Component Description: KGA inv #106-39

Form 387 2018 Q3 UL20190207jgv1

**Amount:** \$150.00

Prepare and or review reimbursement form		
reimbursement form	Component Description:	KGA inv #106-33
		Prepare or Review
		399 reimbursement
		form
		UL20190207jgv1
	Amount:	\$2,500.00
	Component Description:	KGA 106-73
		v200814jgv1
	Amount:	\$625.00
	Component Description:	KGA 106-70
		v200814jgv1
	Amount:	\$435.00
FAA consultant, including	Information not provided.	
cost of preparing FAA		
Form 7460 (Notice of		
Proposed Construction), if		
needed for height increase		
needed for neight increase		

#### **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		\$0.00	
MVPD Notification of Channel Change	\$2,000.00	\$2,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	\$25,000.00	\$25,000.00	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
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
Sub-total	\$58,550.00	\$58,000.00	N/A	\$0.00	N/A
Total for all systems	\$1,988,935.82	\$2,235,145.82	N/A	\$1,195,044.65	N/A

#### Components

Information not provided.

#### **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$1,988,935.82	\$2,235,145.82	\$1,195,044.65

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

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 abovenamed applicant for the Authorization(s) specified above. Jeffrey C Gehman Engineering Associate

08/19/2020

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.
- The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.
- 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 abovenamed applicant for the Authorization(s) specified above. Jeffrey C Gehman Engineering Associate

08/19/2020

#### **Attachments**