

(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility 6093 Service: DTV Call WFSG Channel: 28 (UHF)

Sign:

File **0000024819** 

Number:

ID:

FRN: **0001810977** Date **03/14** 

Submitted: /2019

# Applicant Information

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

Applicant	Address	Phone	Email	Applicant Type
Florida State University	Doug Crall 1600 RED BARBER PLAZA TALLAHASSEE, FL 32310 United States	+1 (850) 645-6032	DCRALL@FSU. EDU	Government Entity

# Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

#### Preparer Contact Information

#### **Preparer Contact Name and Information**

Ryan C Wilhour507 NW 60th+1 (352)ryan@kesslerandgehman.Consulting EngineerST332-3157comKessler and GehmanSTE DAssociates, Inc.Gainesville, FL 32607 United States	Applicant	Address	Phone	Email
	Consulting Engineer Kessler and Gehman	ST STE D Gainesville, FL 32607	, ,	

#### 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 Transmitter and purchase a new antenna and transmission line. Use the existing antenna system as the interim through the end of the assigned phase. See WFSG Transmission Plan attached.

#### **Transmitters**

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

# Primary Transmitter

## **Existing Transmitter Information**

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter	Manufacturer	
Manufacturer and Type	Model	Ultimate
	Year	2002
	Туре	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power Capacity	10 kW

# Primary Transmitter

#### **New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	ULXTE-16
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	10.8 kW
	Justification for New Transmitter	The station currently has a 10kW Comark Ultimate solid state liquid cooled transmitter, which is no longer being manufactured. Jack McAnulty of Comark has indicated that they will NOT re-channelize the Ultimate transmitter. A new transmitter is required.

#### Primary Transmitter

#### **Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No

	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	150 kVA
	Rigid Conduit and Wiring	Yes
	Size	2 inches
	Length	100.0 feet
	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Cooling Only
	Size	10 tons
	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**

r	Name	Description
	Standby Exciter and Switch	Standby Exciter with Automatic Change Over Switch
	Additional Interior RF System	Interior RF System Existing Transmitter to Interim Transmission line

#### **Antennas**

Section	Question	Response
Antenna 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?	No
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna	Class	Full Power
Manufacturer and Type	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels	N/A
	Design power capacity in use	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	158.0 kW

Manufacturer	
Model	TLP-32A (c)
Year	2002

#### **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?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna	Class	Full Power
Manufacturer and Types	Mounting	Top 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)	129.0 kW
	Manufacturer	

Model	TFU-24JTH /VP-R O4
Year	2018
Justification for New Antenna	Refer to Exhibit 2

#### **Other Antenna Costs**

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Туре	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	4 1/16 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No
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** 

Information not provided.

Transmission <sup>Seffien</sup>	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

# Primary Transmission Line

#### **Existing Transmission Line**

n Line Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	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	
Line Manufacturer and Type	Туре	Rigid
	Diameter	3 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	500 feet per run

#### **New Transmission Line**

Primary
Transmission

Section	Question	Response
New Transmission Line Costs	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Туре	Rigid
	Diameter	4 1/16 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	550 feet per run
	Justification for New Transmission Line	The existing transmission line will be kept in place and used to feed the currently licensed antenna during the interim transitional period.

Primary Other Transmission Line Expenses Not Listed Transmission Line tion not provided.

# Tower Equipment And Rigging Costs

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

### Primary Tower

# **Existing Tower**

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	Yes
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1038765
Coordinates ( <u>NAD83</u> ( North American Datum of 1983))	Latitude (NAD83)	30° 22' 03.0" N-
	Longitude (NAD83)	085° 55' 28.0" W-
	Overall Structure Height	488.51 feet
	Support Structure Height	443.56 feet
	Ground Elevation Above Mean Sea Level (AMSL)	65.62 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	WFSU / WFSGTV
Date Constructed	09/01/1987

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
21798	WFSW	FM

#### **Other Types of Users**

Users	
Public Safety	

#### Primary Tower

#### **Tower Modification Costs**

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

#### Primary Tower

#### **Tower Rigging Costs**

Response

Tower Rigging Costs	Complex Tower	N/A
Helicopter Services Required	Are helicopter services required?	No

## Primary Tower

## Other Tower Expenses Not Listed

Name	Description
Transmission Line Bridge	Transmission line ice bridge to support the new transmission line running to the new transmitter location inside the existing building. See Cover Letter and photo in file named WFSG TCI Final Package
Additional Mobilization	Additional mobilization services associated with Tower Rigging

#### 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 hours are being required than originally estimated
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.	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	2
	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
Jei vices	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	2
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	No
	Additional Field Engineering Service	Yes
	Number of Days	5
	Justification	Fewer on site days are being required than originally estimated

#### Outside Professional

# Other Professional Services Expenses Not Listed

Services Costs	Description
Other Engineering Services	Outside engineering services not included in any other OPS sections
Other Legal Services	Outside legal services not included in any other OPS sections

# 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	Yes
	Non-zoning permits	Yes
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	No
	FCC Special Temporary Authority Application	No
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD  Notification of a Channel Change?	Yes

# Other Expenses

## Other Expenses Not Listed

Name	Description
Sales Tax	Sales Tax

# **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 ULXTE-16	\$599,750.00	\$438,551.92		\$375,983.82	
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	\$494,500.00	\$411,207.92	Upgraded transmitter for which Licensee will pay the upgrade cost difference. Amended 12/21/18 to reflect changes. Amended 1 /3/19 to add \$11,500 Piping for Transmitter Heat Exchangers	\$348,639.82	N/A
Standby Exciter and Switch	\$0.00	\$0.00	Included in transmitter cost	N/A	N/A
Additional Interior RF System	\$0.00	\$0.00	Included in transmitter cost	N/A	N/A

800 amp Sub-total	\$599,750.00	\$438,551.92	cost N/A	\$375,983.82	N/A
Switchgear - industrial	\$38,200.00	\$0.00	Included in transmitter	N/A	N/A
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$0.00	Included in transmitter cost	N/A	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$2,600.00	\$0.00	Included in transmitter cost	N/A	N/A
system			and justification attached as file WFSG Quote S26744 00000000 Quote 00000000 PEA TX EQ Aug18 FSU. Added HVAC Load Calcs by design engineer 2- 21-19		

## Components

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

Component Description:	2nd Installment,
Component Description:	2nd Installment,
	one-third payment
	prior to shipping
Amount:	\$109,651.36
Component Description:	Balance due for
	repack
Amount:	transmitter. \$117,837.10
Amount.	ψ117,037.10
Component Description:	Piping to install
Component Description.	Transmitter Heat
	Exchangers
	Cooling System
	for WFSG Repack
Amount:	\$11,500.00
Component Description	One-third down
Component Description.	payment for new
	transmitter
Amount:	\$109,651.36
Information not provided.	
Information not provided.	
Component Description:	HVAC for WFSG
Amount:	Repack \$26,744.00
Amount	Ψ20,1 44.00
Component Description:	HVAC Load
	Calculations
Amount:	\$600.00
Information not provided.	
Information not provided.	
	Component Description:  Amount:  Component Description:  Amount:  Information not provided.  Information not provided.  Component Description:  Amount:  Component Description:  Amount:  Information not provided.

Switchgear - industrial 800	Information not provided.
amp	

# **Cost Information**

#### **Antennas**

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Antenna TFU-24JTH /VP-R O4	\$270,900.00	\$322,981.00		\$318,536.00	
Sweep test of existing antenna	\$6,730.00	\$0.00	Sweep is included in cost of antenna	N/A	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	\$247,000.00	\$309,646.00	See Cover Letter associated with Invoice 8330 in file named WFSG TCI Final Package	\$309,646.00	The total cost of this antenna will be \$309,646.00, which is the cost offered by TCI under the turnkey antenna and tower contract.
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	\$9,570.00	\$8,890.00	N/A	\$4,445.00	N/A

Elbow	\$7,600.00	\$4,445.00	***System	\$4,445.00	N/A
complex,			Notice:		
single			Estimate		
channel, at			adjusted		
antenna			and locked		
input, per 3			because		
1/8.			line has		
feedline (if			been		
needed)			superseded.		
			***See		
			Cover		
			Letter		
			associated		
			with Invoice		
			8330 in file		
			named		
			WFSG TCI		
			Final		
			Package		
Sub-total	\$270,900.00	\$322,981.00	N/A	\$318,536.00	N/A
Total for all systems	\$1,882,904.76	\$1,503,449.68	N/A	\$1,238,965.01	N/A

#### Components

Actual Information Description	File Name
Sweep test of existing antenna	Information not provided.

UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	Component Description: Amount:	30 pct progress pmt Pri ant \$86,318.80	
	Component Description: Amount:	Final payment Primary Antenna \$61,929.20	
	Component Description: Amount:	50 pct down payment \$161,398.00	
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	Component Description: Amount:	30pct progress payment \$2,667.00	
	Component Description: Amount:	Final Payment for elbow complex \$1,778.00	
Elbow complex, single channel, at antenna input, per 3 1/8. feedline (if needed)	Component Description: Amount:	50 pct down payment \$4,445.00	
	Component Description:	30 pct progress pmt, but prior 50% payment was already sufficient to total	
		80%.	

# **Cost Information**

#### **Transmission Line**

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmission Line	\$135,300.00	\$60,874.00		\$60,874.00	
Rigid Transmission Line - copper, 4 1 /16"	\$78,100.00	\$30,437.00	Total cost of the actual 4- 1/16" transmission line is \$60,874. Part of this was entered into the line previously named 3-1 /8" transmission line, which is now locked. This is the balance of the actual transmission line cost.	\$30,437.00	N/A

Rigid Transmission Line - copper, 3 1/8"	\$57,200.00	\$30,437.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***See Cover Letter associated with Invoice 8330 in file named WFSG TCI Final Package	\$30,437.00	N/A
Sub-total	\$135,300.00	\$60,874.00	N/A	\$60,874.00	N/A
Total for all systems	\$1,882,904.76	\$1,503,449.68	N/A	\$1,238,965.01	N/A

#### Components

Actual Information Description	File Name	
Rigid Transmission Line - copper, 4 1/16"	Component Description: Amount:	Final payment for primary transmission line \$12,174.80
	Component Description:	30 pct progress pmt for
	Amount:	transmission line \$18,262.20

Rigid Transmission Line - copper, 3 1/8"		
	Component Description:	50 pct down payment
	Amount:	\$30,437.00
	Component Description:	This component is
		RED. See new component for the
		30pct progress
		payment.
	Amount:	N/A

# **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 Primary Tower	Predetermined Cost Estimate \$605,548.00	Estimated Cost \$417,478.00	Estimated Cost Justification	Actual Cost \$417,478.00	Actual Cos Justificatio
Additional Mobilization	\$41,768.00	\$41,768.00	See attachment named: WFSG Remobilization Change Order Cover Page. pdf, for explanation	\$41,768.00	N/A
Short Tower (less than 500')	\$84,200.00	\$136,750.00	See Cover Letter associated with Invoice 8330 in file named WFSG TCI Final Package	\$136,750.00	The total cost of thi rigging wo will be \$136,750 which is part of a turnket project by TCI for the antenna and tower wor
Transmission Line Bridge	\$32,280.00	\$32,280.00	See Cover Letter and photo in file named WFSG TCI Final Package	\$32,280.00	N/A

T	<b>#</b> 00 000 00	<b>#22.040.00</b>	م مار د مار م	<b>#</b> 22 C40 00	Daulaana 4
Tower	\$26,300.00	\$33,640.00	Includes Structural	\$33,640.00	Perhaps t Structura
mapping for an			Analysis which		Analysis
undocumented			perhaps		should ha
/poorly			should have		been
documented			been entered		entered i
tower and			into		the towe
preparation of			Modifications		modification
documentation			section of this		section
necessary for			Category.		
tower load					
study					
Major tower	\$421,000.00	\$173,040.00	See Cover	\$173,040.00	N/A
reinforcement			Letter		
/modifications			associated		
			with Invoice		
			8330 in file		
			named WFSG		
			TCI Final		
			Package		
Sub-total	\$605,548.00	\$417,478.00	N/A	\$417,478.00	N/A
Total for all systems	\$1,882,904.76	\$1,503,449.68	N/A	\$1,238,965.01	N/A

## Components

Actual Information Description	File Name	
Additional Mobilization	Component Description:	Tower Contractor
		Remobilization WFSG
	Amount:	\$41,768.00

Short Tower (less than 500'	Component Description:	30 pct progress pmt rigging antenna installation
	Amount:	\$47,600.00
	Component Description:	50 pct down
		payment
	Amount:	\$61,800.00
	Component Description:	final payment for
		rigging antenna
		installation
	Amount:	\$27,350.00
Transmission Line Bridge		
	Component Description:	Payment in full for
		transmission line
		ice bridge
	Amount:	\$32,280.00

Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study

**Component Description:** Structural Analysis

of the WFSG
Panama City
Tower. Also see
attached letter from
the vendor with
further explanation.

**Amount:** \$6,000.00

Component Description: Tower Structural

Analysis for Side Mount Antennas

**Amount:** \$7,240.00

Component Description: 30 pct progress

pmt for mapping

**Amount:** \$6,120.00

Component Description: 50 pct down

payment

**Amount:** \$10,200.00

Component Description: Final payment for

mapping and analysis services.

**Amount:** \$4,080.00

Major tower reinforcement /modifications

Component Description: 30 pct progress

pmt for tower mods

**Amount:** \$51,912.00

Component Description: final payment for

tower modifications

**Amount:** \$34,608.00

Component Description: 50 pct down

payment

**Amount:** \$86,520.00

### **Cost** Information

#### **Outside Professional Services**

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$176,937.00	\$169,645.00		\$55,654.72	
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$7,360.00	\$7,000.00	N/A	\$1,401.75	Attorney Request fc Special Temporary Authority - ea transition fc WFSG
Other Legal Services	\$10,000.00	\$10,000.00	N/A	\$4,684.96	N/A
Other Engineering Services	\$24,107.50	\$24,107.50	N/A	\$13,374.00	N/A
Additional Field Engineering Service, 5 Days	\$10,000.00	\$10,000.00	N/A	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	\$18,811.51	Comprehens coverage verification v field study f WFSG. The measuremen will be used compare wi post-transition measuremen

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 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	\$1,475.00	Attorney section of Fo FCC Construction Permit Application Main Facility WFSG
Prepare request for Special Temporary Authorization	\$4,100.00	\$3,000.00	N/A	\$875.00	Engineering Special Temporar Authority for early transit of WFSG
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$500.00	N/A

Sub-total	\$4,187.50 \$176,937.00	\$4,187.50 \$169,645.00	***System Notice: Estimate adjusted and locked because line has been superseded.  ***  N/A	\$4,187.50 \$55,654.72	Additional Fi Engineerin Service, Si survey WFS
	\$4,187.50	\$4,187.50	Notice: Estimate adjusted and locked because line has been superseded.	\$4,187.50	Engineerin Service, Si
Additional Field Engineering Service, 15 Days					
Project management of the transition	\$3,792.00	\$3,600.00	N/A	\$1,845.00	Outside Pro Manageme Services fo WFSG
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$2,500.00	Prepare o Review FC Form 399 f Reimbursem for WFSC
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$4,500.00	Engineerin study for no channel assignment antenna developme for WFS0
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,500.00	Engineering section of FCC FCC Construction Permit Application Main Facility WFSG

### Components

Actual Information Description	File Name	
Attorney Fees - Prepare and File request for Special Temporary	Component Description:	Legal STA for
Authorization	Amount:	WFSG \$618.00
	Component Description:	Attorney Request for Special Temporary Authority - early
	Amount:	transition for WFSG \$783.75
Other Legal Services		
	Component Description:	Legal assistance with transition, including proper PSIP procedures
	Amount:	\$780.00
	Component Description:	Other Legal Services WFSG Repacking
	Amount:	\$617.50
	Component Description:	Impact of hurricane on repack progress with limited tower
	Amount:	resources \$325.00
	Component Description:	Review updated pricing for repack
	Amount:	catalog \$57.00

Component Description: Legal License to

Cover

**Amount:** \$108.46

Component Description: Legal advice on

transition

**Amount:** \$598.50

Component Description: Other Legal

Services WFSG

Repacking

**Amount:** \$618.00

Component Description: Repack

reimbursement

legal advice

**Amount:** \$57.00

Component Description: Legal STA, delays

by tower crew

**Amount:** \$845.00

Component Description: Other Legal

Services WFSG

Repacking

**Amount:** \$1,296.50

	Component Description:	Prep and submit
	Amount:	actual cost invoices \$4,550.00
	Component Description:	Prepare and submit Form 399 actual cost invoices
	Amount:	\$812.50
	Component Description:	Prep and submit actual cost invoices
	Amount:	\$265.00
	Component Description:	RF Design for WFSG primary and interim facilities
	Amount:	\$5,600.00
	Component Description:	Amend and submit Form 399
	Amount:	\$2,146.50
Additional Field Engineering Service, 5 Days	Information not provided.	
Comprehensive coverage verification via field study, if needed	Component Description:	Refer to attachment "KG Invoice Explanations.pdf".
		Comprehensive coverage verification via field study for WFSG
	Amount:	\$18,811.51
FAA consultant, including	Information not provided.	

ASR modification (prepare FCC Form 854)	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	Component Description:	Incentive Auction Public Notice and regional coordinator for repack transition
	Amount:	\$213.75
	Component Description:	Attorney section of Form FCC Construction Permit Application Main Facility for WFSG
	Amount:	\$285.00
	Component Description:	Attorney section of Form FCC Construction Permit Application Main Facility WFSG
	Amount:	\$285.00
	Component Description:	Post auction reimbursement procedures and application procedures
	Amount:	\$142.50
	Component Description:	Attorney section of Form FCC Construction Permit Application Main Facility for WFSG
	Amount:	\$406.25

	Component Description:  Amount:	Attorney section of Form FCC Construction Permit Application Main Facility for WFSG \$71.25
	Component Description:  Amount:	Attorney section of Form FCC Construction Permit Application Main Facility for WFSG \$71.25
Prepare request for Special Temporary Authorization	Component Description:  Amount:	Refer to attachment "KG Invoice Explanations.pdf". Engineering for Special Temporary Authority for early transition for WFSG \$875.00
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Component Description: Amount:	Prep Form 2100 for license to cover \$500.00
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description:  Amount:	Refer to attachment "KG Invoice Explanations.pdf". Engineering section of Form FCC Construction Permit Application Main Facility for WFSG \$1,500.00

Perform engineering study for new channel **Component Description:** Refer to attachment assignment and antenna "KG Invoice development Explanations.pdf". Engineering study for new channel assignment and antenna development for WFSG \$4,500.00 Amount: Address transition timing Information not provided. and coordination issues w/ other stations and wireless Prepare and or review reimbursement form **Component Description:** Refer to attachment "KG Invoice Explanations.pdf". Prepare or Review FCC Form 399 for Reimbursement for WFSG Amount: \$2,500.00 Project management of the transition **Component Description:** Project Management Preparation of Form 387 Quarterly Report \$150.00 Amount: **Component Description:** Project Management Preparation of Form 387 Quarterly Report \$150.00 Amount:

Component Description: Refer to attachment

"KG Invoice

Explanations.pdf".

Outside Project

Management

Services, Form 387

Progress Report

**Amount:** \$300.00

Component Description: Prep and submit

Form 387 for 10 weeks prior and for

10 days after

**Amount:** \$375.00

Component Description: Prepare and submit

Form 387 4Q2017 progress report

**Amount:** \$495.00

Component Description: Prepare and submit

Form 387 1Q2018 progress report

**Amount:** \$225.00

Component Description: Prep and submit

Form 387 for 4Q18

**Amount:** \$150.00

Additional Field Engineering Service, 15 Days

Component Description: Refer to attachment

"KG Invoice

Explanations.pdf".
WFSG on-site
Equipment
inventory and
facilities survey -

site visit

**Amount:** \$4,187.50

### **Cost Information**

#### **Other Expenses**

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

			Estimated		
Description	Predetermined Cost Estimate	Estimated Cost	Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$94,469.76	\$93,919.76		\$10,438.47	
Sales Tax	\$1,254.76	\$1,254.76	Sales Tax from TCI vendor	\$1,254.76	N/A
MVPD Notification of Channel Change	\$2,665.00	\$2,665.00	N/A	\$2,660.50	N/A
Develop and air announcement of upcoming channel change	\$15,000.00	\$15,000.00	N/A	N/A	N/A
Equipment Storage	\$15,000.00	\$15,000.00	N/A	\$1,307.02	N/A
Equipment Delivery and Handling Charges	\$25,000.00	\$25,000.00	N/A	\$1,070.46	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$20,000.00	\$20,000.00	N/A	\$1,020.73	N/A
Non-zoning permits	\$2,000.00	\$2,000.00	N/A	N/A	N/A
Local Zoning	\$2,000.00	\$2,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$3,125.00	N/A

Sub-total	\$94,469.76	\$93,919.76	N/A	\$10,438.47	N/A
Total for all systems	\$1,882,904.76	\$1,503,449.68	N/A	\$1,238,965.01	N/A

### Components

Actual Information Description	File Name	
Sales Tax	Component Description:	Sales Tax from TCI vendor
	Amount:	\$1,254.76
MVPD Notification of Channel Change	Component Description:	Prepare and distribute MVPD notifications and certification statement for public file
	Amount:	\$1,812.50
	Component Description:	Prep and distribute 2nd MVPD for update due to transition timing
	Amount:	\$848.00
Develop and air announcement of upcoming channel change	Information not provided.	

Equipment Storage		
	Component Description:	Portable Storage
		Container for
	Amount:	WFSG Repack \$586.47
	Amount.	ψ300.47
	Component Description:	Portable Storage
		Container for
	Amazzata	WFSG Repack
	Amount:	\$144.11
	Component Description:	Storage Container
		rental
	Amount:	\$144.11
	Component Description:	Portable Storage
		Container for
		WFSG Repack
	Amount:	\$144.11
	Component Description:	Portable Storage
		Container for
		WFSG Repack
	Amount:	\$144.11
	Component Description:	Portable Storage
		Container for
		WFSG Repack
	Amount:	\$144.11
Equipment Delivery and Handling Charges		
. J g- 3	Component Description:	Forklift rental
	Amount:	\$1,070.46
	Component Description:	Total amount due
		for shipping
	Amazunti	repack transmitter.
	Amount:	\$6,734.03

Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description: Amount:	Roll off container for disposal \$425.00
	Component Description: Amount:	Roll off container for disposal \$595.73
Non-zoning permits	Information not provided.	
Local Zoning	Information not provided.	
DTV Medical Facility Notification	Component Description:	Prepare and distribute Medical notifications and certification statement for public file
	Amount:	\$3,125.00

## Cost Information

#### **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$1,882,904.76	\$1,503,449.68	\$1,238,965.01

Reimbursem	envestiatus	Response
	The facility has ceased operating on its pre- auction channel.	No
	Construction of final facilities or all necessary modifications are complete.	No
	All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator.	No

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. Robert Gehman Consulting Engineer

03/14/2019

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. Robert Gehman Consulting Engineer

03/14/2019

#### **Attachments**