

Federal Communications Commission

#### (REFERENCE COPY - Not for submission)

## FCC Form 399: Reimbursement Request

Facility ID:	29712	Service: DTV	Call Sign:	<b>WCM</b> 1	Channel: 20 (UHF)
File Number:	000002	7958	-		
FRN: <b>00</b>	02161107	Date Submitted:	05/03 /2019		

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

#### Applicant Information

Applicant	Address	Phone	Email	Applicant Type
GRAHAM MEDIA GROUP, FLORIDA. INC. Doing Business As: GRAHAM MEDIA GROUP, FLORIDA. INC.	James Lowery 4 BROADCAST PLACE JACKSONVILLE, FL 32207 United States	+1 (904) 393- 9871	jlowery@wjxt. com	Corporation

#### Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer	Preparer Contact Name and Information			
Contact Information	Applicant	Address	Phone	Email
	William T Godfrey , Jr Consulting Engineers Kessler and Gehman Associates, Inc.	William T. Godfrey, Jr. Kessler and Gehman Associates, Inc. 507-D NW 60th Street Gainesville, FL 32607 United States	+1 (352) 332-3157	bill@kesslerandgehman. com

Broadcaster	Question	Response
Information and Transition Plan	Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	Yes
	Briefly describe transition plan	The WCWJ tower must be replaced due to the repack. Instead of building a new tower, it will be dismantled & WCWJ will collocate with WJXT. An interim antenna, transmitter & line are required to operate at alternate site during dismantle of WCWJ tower.

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

Primary	Existing Transmitter Information				
Transmitter	Section	Question	Response		
	Existing Transmitter Description	Type of change	Purchase New		
		Use	Primary (Main)		
		Description of Use	N/A		
		Ownership	Owned		
		Owner	N/A		
		Site	N/A		
		Is this transmitter currently shared with another station?	No		
		Is this transmitter currently in operating condition?	Yes		
	Existing Transmitter	Manufacturer			
	Manufacturer and Type	Model	Sigma CD3140P2CF		
		Year	2008		
		Туре	Inductive Output Tube		
		IOT Power Type	Тwo		
		Power Capacity	34.0 kW		

Primary	New Transmitter Costs				
Transmitter	Section	Question	Response		
	New Transmitter	Use	Primary (Main)		
		Change Type	Purchase New		
		Is this a request for upgraded equipment?	Yes		
		Manufacturer			
		Model	THU9EVO- 48		
		Transmitter Type	Solid State		
		Solid State Cooling	Liquid Cooled		
		Solid State Power capacity	73.5 kW		
		Justification for New Transmitter	ERP: 1000 kW (1st Priority Station) RMS Gain: 18.9 Azimuth Gain: 1.39 TX Line Loss: 0.812 Mask Filter Loss: 0.931 Combiner Loss: 0.933 H-pol Only TPO: 54.0 kW (THU9EVO- 36) 1 Step Up: THU9EVO- 40 Upgrade: THU9EVO- 48		

Primary	Other Transmitter Costs				
Transmitter	Section	Question	Response		
	Electrical Service	Service Entrance (3 phases 800A 208V)	No		
		Switchgear (industrial 800 amp)	No		
		Transformer (480V)	No		
		Power	N/A		
		Rigid Conduit and Wiring	No		
		Size	N/A		
		Length	N/A		
		Other Electrical Service	No		
		Service Entrance (3 phases 800A 208V)NoSwitchgear (industrial 800 amp)NoTransformer (480V)NoPowerN/ARigid Conduit and WiringNoSizeN/ALengthN/AOther Electrical ServiceNoDescriptionN/ATypeN/ASizeN/AOther Service?NoTypeN/ASizeN/ASizeN/ASizeN/ADoes the replacement transmitter require HVAC Service?N/AOther SizeN/ASizeN/ASizeN/ASizeN/ASizeN/ASizeN/ASizeN/ASizeN/ASizeN/ASizeSizeSizeSizeSizeSizeSizeN/ASizeSizeSizeSizeSizeN/ASizeSizeSizeN/ASizeSizeSizeN/ASizeSizeSizeN/ASizeN/ASizeN/ASizeN/ASizeN/ASizeN/ASizeN/ASizeN/ASizeN/ASizeN/ASizeN/ASizeN/ASizeN/ASizeSizeSizeSizeSizeSize <tr< td=""></tr<>			
	HVAC Service		No		
		Туре	N/A		
		Size	N/A		
		Other Size	N/A		
	Transmitter Building Addition/Modification or Leasehold Improvement	addition, modification, other leashold	Yes		
		Size	900.0 square feet		
	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
	Switch	Switch to Combiner Interconnect 8-3/16" 75 ohm.

Additional Installation Costs	Work performed by TSG Dermac subbed TSG Rohde & Schwarz subbed Dermac & provided quote
Electrical	Electrical for new WCWJ Main Transmitter installation & operation

Interim Transmitter	r Section Question Res			
	Section	Question	Response	
	New Transmitter	Use	Interim	
		Description of Use	N/A	
		Change Type	Purchase	
		Manufacturer		
		Model	THU9EVO- 24	
		Transmitter Type	Solid State	
		Solid State Cooling	Liquid Cooled	
		Solid State Power capacity	37.0 kW	
		Justification for New Transmitter	A new transmitter for an interim facility at an alternate site is required to keep station on air while WCWJ tower is dismantled and for duration of the assigned phase. H- pol only TPO: 30.4 kW Required TX: THU9EVO- 20 Upgrade TX: THU9EVO- 24	

Interim	Other Transmitter Costs			
Transmitter	Section	Question	Response	
	Electrical Service	Service Entrance (3 phases 800A 208V)	No	
		Switchgear (industrial 800 amp)	Yes	
		Transformer (480V)	Yes	
		Power	500 kVA	
		Rigid Conduit and Wiring	No	
		Size	N/A	
		Length	N/A	
		Other Electrical Service	Yes	
		Description	Other electrical services will be required for transmitter building at the alternate site for the interim facility to operate while the tower is being dismantled and through the assigned phase. See lease, bldg & elec quotes.	
	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?	Yes
	Size	450.0 square feet
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
Inside RF System	Is an additional interior RF system required to support this interim transmitter?	No

# Interim Other Transmitter Cost Not Listed

Transmitter	Name	Description
	Additional RF Components	Required to split cabinets in order to meet spacing requirements in transmitter building.
	Back-up Generator	A temporary generator is required at the interim site while the WCWJ tower is being dismantled.

Antennas Section		Question	Response
Antenna Rela	ated 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	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)	863.0 kW		

Manufacturer	
Model	TFU- 28GTH-R 6T170
Year	2008

ntenna	Section	Question	Response
	New Antenna Description	Use	Primary (Mair
		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?	Yes
		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	Elliptical
		Туре	Broadband Slot
		Number of Stations Supported	2
		Number of Panels/Bays	24
		Lower Limit	497.00 MHz
		Upper Limit	509.00 MHz
		Design power capacity in use	60.0 %
		Other Antenna Type	N/A
		ERP: (Effective Radiated Power)	1000.0 kW
		Manufacturer	
		Model	TFU-24GTH /VP-R TC O6SP

Year	2018
Justification for New Antenna	The existing main antenna is a single channel slotted coaxial which cannot accommodate the assigned channel. The antenna is an upgrade; however, it will result in an overall system savings for the FCC since it will be shared with WJXT.

#### **Other Antenna Costs**

Primary

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Antenna

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Туре	New
	Number of channels supported	2
	Frequencies of channels supported	RF channel
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	No
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Broadband
	Feed Line Size	8 3/16 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

# Enter a list of RF channel numbers.

RF	Channel Number
20	
18	

Primary Antenna	Other Antenna Cost Not Listed		
	Name	Description	
	Extension Pole	MOUNTING POLE FOR TOP MOUNTING ANTENNA IN ORDER TO MAINTAIN FAA HEIGHT.	
	Shipping	Shipping Cost: \$9,800	
	Antenna adapter	ANTENNA WEDDING CAKE MOUNTING ADAPTER.	

Interim	New Antenna Costs			
Antenna	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	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)	863.0 kW	
		Manufacturer		
		Model	TFU- 25ETT-R O6T170	

Year	2018
Justification for New Antenna	An interim antenna is necessary to keep station on the air at an alternate site while the WCWJ tower is being dismantled and while the primary antenna is built-out and throughout duration of assigned phase.

#### Oth Δnt Interim

ther	Antenna	Costs

Section	Question	Response
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	S
	Feed Line Size	6 1/8 inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an 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

Interim	Other Antenna Cost Not Listed	
Antenna	Name	Description
	Shipping	Shipping Cost: \$9,800

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

Primary	Existing Transmission Line			
Transmissio	n 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	6 1/8 inches	
		Other Diameter	N/A	
		Segment Length	19 1/2 inches	
		Other Segment Length	N/A	
		Number of parallel runs	1	
		Length	1005 feet per run	

	n Line 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	8 3/16 inches
		Other Diameter	N/A
		Segment Length	Broadband
		Other Segment Length	N/A
		Number of parallel runs	1
		Length	1155 feet per run

Justification for New Transmission Line	The power
	rating for 7
	3/16" line is
	not capable
	of handling
	the power
	required fo
	WJXT and
	WCWJ
	shared
	operation.
	The line is
	considered
	an
	upgrade;
	however, it
	will result in
	an overall
	system
	savings
	since
	WCWJ and
	WJXT
	stations wil
	share the
	costs.

Primary	Other Transmission Line Expenses Not Listed	
Transmissio	n Line	Description
	Shipping	Shipping Cost: \$9,800

Interim	New Transmission Line			
Transmissio	section	Question	Response	
	New Transmission Line Costs	Use	Interim	
		Description of Use	N/A	
		Change Type	Purchase New	
		Туре	Rigid	
		Diameter	6 1/8 inches	
		Segment Length	19 ½ '	
		Other Segment Length		
		Number of parallel runs	1	
		Length	1100 feet per run	
		Justification for New Transmission Line	Interim transmission line is necessary in order to keep WCWJ on the air during primary antenna replacement and for the duration of the assigned phase. This will be at an alternate site since the tower has to be dismantled.	

Interim	Other Transmission Line Expenses Not Listed			
Transmissio	n Line	Description		
	Shipping	Shipping Cost: \$5,400		

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

Auxiliary	Add Tower			
Tower	Section	Question	Response	
	Existing Tower Description	Type of change	Modify Existing	
		Tower Use	Auxiliary (Backup)	
		Description of Use	Interim Tower (InSite)	
		Ownership	Leased	
		Is this tower consider Complex?	No	
		Is this tower currently shared with any other stations?	No	
		One or more FM, AM or TV radio broadcaster(s)	N/A	
		Others Types of Users	N/A	
		Is tower documented for structural analysis?	No	
		Is tower compliant with Rev G?	No	
	Registration	Do you have a tower registration number?	Yes	
		ASR Number	1016457	
	Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	30° 16' 36.0" N-	
		Longitude (NAD83)	081° 33' 57.0" W-	
		Overall Structure Height	1001.63 feet	
		Support Structure Height	950.78 feet	

Ground Elevation Above Mean Sea Level (AMSL)	25.92 feet
Structure Type	TOWER - Free Standing o Guyed Structure
Tower Owner	IWG Towers Assets II, LLC
Date Constructed	07/01/1988

#### Tower Modification Costs

#### Auxiliary Tower

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

### Auxiliary Tower Rigging Costs

#### Auxiliary Tower

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

Auxiliary	Other Tower Expenses Not Listed	
Tower	Name	Description

Interim Tower Lease	Monthly lease expenses at alternate site (InSite Tower) to support the top-mount interim antenna, TX line and STL for up to 21 months (see attached quote).
Remove Interim Equipment	Interim tower must be rigged a second time after assigned phase is complete to have the interim antenna, interim line, STL dish and waveguide removed from tower and disposed. Old pre-auction top-mount antenna reinstalled for FAA height.

Primary	Existing Tower			
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?	Terrain Constrained	
		Is this tower currently shared with any other stations?	No	
		One or more FM, AM or TV radio broadcaster(s)	N/A	
		Others Types of Users	N/A	
		Is tower documented for structural analysis?	Yes	
		Is tower compliant with Rev G?	No	
	Existing Tower Structure	Do you have a tower registration number?	Yes	
	Registration	ASR Number	1025608	
	Coordinates ( <u>NAD83</u> ( North American Datum of 1983))	Latitude (NAD83)	30° 16' 37.0" N-	
		Longitude (NAD83)	081° 33' 46.0" W-	
		Overall Structure Height	1013.77 feet	
		Support Structure Height	944.87 feet	
		Ground Elevation Above Mean Sea Level (AMSL)	32.81 feet	
		Structure Type	TOWER - Free Standing or Guyed Structure	

Tower Owner	Graham Media Group, Florida, Inc.
Date Constructed	11/15/1967

# Primary Tower Modification Costs

Tower

Tower

Sect	tion	Question	Response
Eng	gineering Study	Please what type of engineering study is required, if any:	Study needed for undocumented /poorly documented tower
Том	ver Reinforcements	Please select whether tower reinforcements are needed:	Major Reinforcements needed

# Primary Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	Terrain constrained
Helicopter Services Required	Are helicopter services required?	Yes

### Primary Tower Angel State Not Listed

Name	Description
Helicopter Site Staging Requirement	Erickson Incorporated requires a 200 x 200 ft staging area for the helicopter lift. See attached quote to clear the site.
Foundation Expansion	In order to support the loading for WCWJ to collocate with WJXT on the WJXT tower, the guy wire anchor foundations must be reinforced (expanded).

Tower	Section	Question	Response
	Construct New Tower	Use	Primary (Main)
		Description of Use	N/A
		Is this a request for upgraded equipment?	No
		Height	945.00 feet
		Justification for New Tower	A recent structural analysis indicates that the tower fails when changes are made that invoke EIA-222-G, such as required for this repack The analysis states that tower cannot be upgraded to comply with the standards (see attached structural

### **Tower Rigging Costs** Primary Tower

Section	Question	Response
Tower Rigging Costs	Complex Tower	Other
Helicopter Services Required	Are helicopter services required?	Yes

Primary Tower	Other Tower Expenses Not Listed		
	Name	Description	
	Helicopter Site Staging Requirement	See attached quotes. Erickson Inc. requires a 200 x 200 ft clearing for lifts and the only way to achieve this is to have the area clear- cut and also requires a Strong Plank Steel Mat.	
	Tower Mapping	Tower mapping cost shared with WJXT related to WCWJ moving to the WJXT tower	

Tower	Section	Question	Response
	Construct New Tower	Use	Primary (Main)
		Description of Use	N/A
		Is this a request for upgraded equipment?	No
		Height	945.00 feet
		Justification for New Tower	A recent structural analysis indicates that the tower fails when changes are made that invoke EIA-222-G, such as required for this repack The analysis states that tower cannot be upgraded to comply with the standards (see attached structural

### **Tower Rigging Costs** Primary Tower

Section	Question	Response
Tower Rigging Costs	Complex Tower	Other
Helicopter Services Required	Are helicopter services required?	Yes

Primary Tower	Other Tower Expenses Not Listed		
	Name	Description	
	Helicopter Site Staging Requirement	See attached quotes. Erickson Inc. requires a 200 x 200 ft clearing for lifts and the only way to achieve this is to have the area clear- cut and also requires a Strong Plank Steel Mat.	
	Tower Mapping	Tower mapping cost shared with WJXT related to WCWJ moving to the WJXT tower	

Outside	Section	Question	Response
Professional	I Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
		Number of Hours	850
		Explanation	It will be necessary to schedule and coordinate multiple vendors, complete progress reports, and update Schedule 399. Station does not have available personnel or personnel trained in project management for such complex projects.
	Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
		Prepare engineering section of Form FCC Construction Permit Application	Yes
		For Auxiliary Facility	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	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	Yes
	Additional Field Engineering Service	Yes

Number of Days	45
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 trained in such services.

# Outside Other Professional Services Expenses Not Listed Professional Services Costs

al Services Costs	Description
Environmental Impact Study	Study conducted due to presence of visible mold in existing interim building. Building determined to be uninhabitable (shared cost with WJXT).
Geotechnical Report	Required for new interim transmitter building container (shared cost with WJXT).
Intermod Study at Interim Site	Tower owner requires an intermod study (see attached quote from InSite Towers, LLC)
Osborn Engineering Examination of Interim Site	Professional Services - review existing drawings, design interim transmitter building, prepare conceptual site plan layout, prepare construction documents, provide construction administration services (shared cost with WJXT).

Osborn Engineering Main Transmitter Facility	Professional Services - main transmitter facility site assessment consisting of on-site laser scanning of both the interior and exterior of the WJXT main transmitter facility (shared costs with WJXT).
Other Engineering Services	Fewer Project Management "PM" tasks are required & Other Engineering Services "OES" are required, therefore the PM total has been reduced to 850 hrs (\$127,500 at \$150/hr), & a new OES category has been created & funded with the money removed from PM.
Other Legal Services	Other Legal Services related to the DTV Repack
Topographic Survey	Required for new interim transmitter building container (shared cost with WJXT).
First Priority Filing Window Engineering Study for New Channel Assignment and Antenna Development	Prepare Engineering Portion of a First Priority Filing Window Construction Pemit Application (Unable to Construct)

Other	Section	Question	Response
Expenses	AM Pattern Disturbance	Is an Impact Study needed?	No
		Is Remediation needed?	No
	Facility Expenses	Name	N/A
		Other Distributed Transmission System Expenses Not listed	N/A
		Name	N/A
		Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
	Permit and Filing Costs	Local Zoning	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	Yes
	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	Other Expenses Not Listed		
Expenses	Name	Description	
	STL System	Microwave dish required for interim studio to transmitter link (STL) to be operated up to 21 months. Receiver, waveguide, licensing, etc. required for interim STL. See attached STL quotes.	
	Sales Tax	Sales Tax	

## Transmitters

#### Cost Information

Description Interim Transmitter THU9EVO-24	Predetermined Cost Estimate \$2,096,958.69	Estimated Cost \$1,576,270.67	Estimated Cost Justification	Actual Cost \$1,576,270.67	Actual Cost Justification
Back-up Generator	\$59,530.00	\$59,530.00	Back-up generator to be shared at interim site with WCWJ and WJXT. Cost of back- up generator is \$265,00; however, shared cost is \$132,500 (see attached back- up generator quote from Olympian Generators)	\$59,530.00	N/A
Additional RF Components	\$567.10	\$567.10	N/A	\$567.10	N/A
Other Building Addition Size: 450.0	\$350,307.59	\$350,307.59	Attached letter from InSite Tower (interim tower) states that new building must be provided.	\$350,307.59	N/A

Other Electrical Service: Other electrical services will be required for transmitter building at the alternate site for the interim facility to operate while the tower is being dismantled and through the assigned phase. See lease, bldg & elec quotes.	\$88,054.00	\$88,054.00	Jacksonville Electric Authority (JEA) services must be retained in order to modify on-site transformer to provide required service to new interim building (container). Also see attached quotes.	\$88,054.00	N/A
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$1,005,617.48	Total cost minus non- reimbursable upgrade cost and non- reimbursable portion of taxes related to the upgrade.	\$1,005,617.48	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$29,700.00	N/A	\$29,700.00	N/A
Transformer 3 phase /480v - 500 KVA	\$48,400.00	\$5,559.50	N/A	\$5,559.50	N/A
10 Ton system	\$38,900.00	\$36,935.00	N/A	\$36,935.00	N/A

Primary Transmitter THU9EVO-48	\$2,521,521.51	\$1,873,860.51		\$1,356,442.51	
Electrical	\$181,700.00	\$181,700.00	N/A	\$181,170.00	N/A
Switch	\$49,932.51	\$49,932.51	Switching required in order to access dummy load and combiner.	\$49,932.51	N/A
Other Building Addition Size: 900.0	\$50,000.00	\$50,000.00	Electrical: \$14,890.00 Structural Analysis: \$1,570.00 Combiner Offload and storage: \$8,050.00 Additional Grounding: \$1,470.00 Storage Container: \$1,065.00 Structural Design: \$1,920.00 Structural Mods: TBD Total: TBD	\$14,890.00	N/A
UHF - Liquid Cooled Solid State Transmitter 68.5 - 75 kW	\$1,999,000.00	\$1,351,339.00	Transmitter: \$1,110,450.00 Installation: \$240,889.00 Total: \$1,351,339.00	\$1,110,450.00	N/A

Additional Installation Costs	\$240,889.00	\$240,889.00	WCWJ portion of installation costs. See attached R&S Quote Number 189270.3. Work begins June 1, 2019 so no invoices yet.	N/A	N/A
Sub-total	\$4,618,480.20	\$3,450,131.18	N/A	\$2,932,713.18	N/A
Total for all systems	\$9,695,563.54	\$7,419,010.83	N/A	\$4,572,012.25	N/A

Actual Information Description	File Name	
Back-up Generator		
	Component Description:	Diesel Serv-Supp inv #110000051 Backup Generator UL20180905jgv1 50% to WCWJ 50% to WJXT
	Amount:	\$50,375.00
	Component Description:	WCWJ R&S inv #9500083890 Interim Electrical temporary generator UL20180731jgv1 \$9,155.00
	Amount.	ψ <del>3</del> ,100.00

Additional RF Components	Common and Departmentions	
	Component Description:	WCWJ R&S inv #9500083873 Interim Elbow
	Amount:	UL20180725jgv1 \$567.10
Other Building Addition		
Size: 450.0	Component Description:	WCWJ Interim Dumpster, Storage, Plywood & Parallel RC Interface (Quote & Invoices)
	Amount:	\$5,075.00
	Component Description:	Osborn inv #29010 Interim TX Facility prof srvcs UL20190214jgv1
	Amount:	\$6,897.24
	Component Description:	WCWJ Interim Container (NET30)
	Amount:	\$32,173.50
	Component Description:	WCWJ Interim Building (Container) Construction (NET30 Payment)
	Amount:	\$211,797.10
	Component Description:	WCWJ INT Container Scherer Const 90% Invoice (Shared)
	Amount:	\$46,512.00

Component Description: Amount:	WCWJ INT Container (Change Order) \$2,680.00
Component Description: Amount:	WCWJ INT Container Scherer Const 10% & CO Invoice (Shared) \$12,377.50
Component Description: Amount:	Osborn inv #28314 Prof srvcs 180224 - 180330 UL20190205jgv1 \$9,247.48
Component Description: Amount:	Osborn inv #30282 Interim TX Facility prof srvcs UL20190214jgv1 \$6,900.00
Component Description: Amount:	Osborn inv #27953 Interim TX Facility prof srvcs UL20190214jgv1 \$6,558.50
Component Description: Amount:	Osborn inv #29391 Interim TX Facility prof srvcs UL20190214jgv1 \$10,089.27

Other Electrical Service: Other electrical services will be required for transmitter building at the	Component Description:	WCWJ R&S inv #9500083847
alternate site for the interim facility to operate while the tower is being dismantled and through	Amount:	Interim Main Panel UL20180725jgv1 \$9,484.00
the assigned phase. See lease, bldg & elec quotes.	Component Description: Amount:	WCWJ R&S inv #9500083890 Interim Electrical installation UL20180731jgv1 \$78,570.00
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	Component Description:	WCWJ Interim Transmitter (NET30 Partial Payment)
	Amount:	\$718,989.17
	Component Description:	WCWJ Interim Transmitter (NET30
	Amount:	Final Payment) \$285,753.31
	Component Description:	WCWJ Interim Dumpster, Storage, Plywood & Parallel RC Interface (Quote
	Amount:	& Invoices) v2 \$875.00
Switchgear - industrial 800		
amp	Component Description:	WCWJ R&S inv #9500083890 Interim Electrical switchgear
	Amount:	UL20180731jgv1 \$29,700.00

Transformer 3 phase/480v		
- 500 KVA	Component Description:	Coffman Elec inv
		#131850E
		Automatic Transfer Switch
		UL20180905jgv1
		50% to WCWJ 50%
		to WJXT
	Amount:	\$5,559.50
10 Ton system		
	<b>Component Description:</b>	WCWJ Interim
		HVAC (NET30
		Payment)
	Amount:	\$36,935.00
Electrical		
	Component Description:	WCWJ Main
		Electrical 100%
		Invoice (Shared)
	Amount:	\$181,170.00
Switch		
	Component Description:	WCWJ Main
	eempenen zeempnem	Additional Parts &
		Services (Switching)
	Amount:	\$49,932.51
Other Building Addition		
Size: 900.0	Component Description:	WCWJ Main TX
		Bldg Demo &
		Disposal (NET30
		Payment)
	Amount:	\$14,890.00

UHF - Liquid Cooled Solid State Transmitter 68.5 - 75 kW	Component Description:	WCWJ Main Transmitter (50% Down Payment)
	Amount:	\$740,300.00
	Component Description:	WCWJ Main Transmitter (Initial 25% Down
	Amount:	Payment) \$370,150.00
Additional Installation Costs	Information not provided.	

#### Antennas

#### Cost Information

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cos Justificatio
Interim Antenna TFU-25ETT- R O6T170	\$275,830.00	\$221,912.00		\$191,540.80	
Shipping	\$9,800.00	\$9,800.00	N/A	N/A	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$10,984.00	See attached Dielectric Quote.	\$9,885.60	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	\$247,000.00	\$194,728.00	See attached Dielectric Quote.	\$175,255.20	N/A
Primary Antenna TFU-24GTH /VP-R TC O6SP	\$385,393.50	\$332,535.11		\$269,867.57	

Antenna adapter	\$19,252.00	\$19,252.00	Cost: \$21,472; however, it is shared cost with WJXT, therefore, cost for WCWJ is \$10,736. See attached Dielectric Quote. A 2nd adapter is required at a total price of \$17,032 which is \$8,516 to WCWJ and \$8,516 to WJXT	\$13,494.60	N/A
Shipping	\$4,900.00	\$4,900.00	Cost: \$9,800; however, it is shared cost with WJXT therefore, cost for WCWJ is \$4,900. See attached Dielectric Quote.	N/A	N/A
Extension Pole	\$76,315.00	\$76,315.00	Cost: \$152,630; however, it is shared cost with WJXT, therefore, cost for WCWJ is \$76,315. See attached Dielectric Quote.	\$55,437.52	N/A

Elbow complex, broadband, at antenna input, per 8 3/16. feedline (if needed)	\$18,950.00	\$8,880.00	Cost: \$17,760; however, it is shared cost with WJXT, therefore, cost for WCWJ is \$8,880. See attached Dielectric Quote.	\$7,992.00	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$44,941.61	Shared cost with WJXT	\$44,941.61	N/A
Sweep test of existing antenna	\$6,730.00	\$3,200.00	Shared cost with WJXT	\$2,880.00	N/A
UHF - High Power Top Mount Two Station antenna elliptically or circularly polarized	\$175,046.50	\$175,046.50	Cost: \$350,093; however, it is shared cost with WJXT, therefore, cost for WCWJ is \$175,046.50. See attached Dielectric Quote.	\$145,121.84	N/A
Sub-total	\$661,223.50	\$554,447.11	N/A	\$461,408.37	N/A
Total for all systems	\$9,695,563.54	\$7,419,010.83	N/A	\$4,572,012.25	N/A

Actual Information Description	File Name
Shipping	Information not provided.

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	Component Description: Amount:	Die inv #MAN00154 Interim TX antenna elbow complex UL20181119jgv1 \$4,942.80
	Component Description: Amount:	Inv MAN00266 WCWJ Interim elbow complex 45% down payment UL20180503jgv1 \$4,942.80
Sweep test of existing antenna	Component Description:	WCWJ Interim Repack Sweep (Final 10% Payment)
	Amount: Component Description:	\$640.00 Die inv #MAN00154 Interim TX antenna
	Amount:	sweep UL20181119jgv1 \$2,880.00
	Component Description:	Inv MAN00266 WCWJ Interim sweep test 45% down payment UL20180503jgv1
	Amount:	\$2,880.00

UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	Component Description:	Die inv #MAN00154 Interim TX antenna UL20181119jgv1
	Amount:	\$87,627.60
	Component Description:	Inv MAN00266 WCWJ Interim TX antenna 45% down payment UL20180503jgv1
	Amount:	\$87,627.60
Antenna adapter		
	Component Description:	Die inv #MAN00299 Primary ant adapter UL20181106jgv1
	Amount:	\$4,831.20
	Component Description:	Die inv #MAN00299 Primary ant adapter UL20181106jgv1
	Amount:	\$3,832.20
	Component Description:	Inv MAN00214 WCWJ WJXT
		Primary ant adapter UL20180718jgv2
	Amount:	\$4,831.20
Shipping	Information not provided.	

Extension Pole		
	Component Description:	Inv MAN00214 WCWJ WJXT Prim ant ext pole
	Amount:	UL20180718jgv2 \$34,341.75
	Component Description:	Die inv #MAN00299 Prim ant ext pole
	Amount:	UL20181106jgv1 \$21,095.77
Elbow complex, broadband, at antenna input, per 8 3/16. feedline (if needed)	Component Description:	Inv MAN00214 WCWJ WJXT
	Amount:	Elbow complex UL20180718jgv2 \$3,996.00
	Component Description:	Die inv #MAN00299 Elbow complex UL20181106jgv1
	Amount:	\$3,996.00
New combiner, cost per channel (without antenna)		
	Component Description:	WCWJ Main Combiner Payment (Cover Letter,
	Amount:	Invoice & Quote) \$44,941.61

Sweep test of existing antenna	Component Description:	Die inv #MAN00299 Sweep
	Amount:	UL20181106jgv1 \$1,440.00
	Component Description:	Inv MAN00214 WCWJ WJXT Sweep
	Amount:	UL20180718jgv2 \$1,440.00
UHF - High Power Top Mount Two Station	Component Description:	Inv MAN00214
antenna elliptically or circularly polarized		WCWJ WJXT Primary antenna UL20180718jgv2
	Amount:	\$72,560.92
	Component Description:	Die inv #MAN00299 Primary antenna
	Amount:	UL20181106jgv1 \$72,560.92

## **Transmission Line**

#### Cost Information

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmission Line	\$227,600.00	\$167,515.50		\$145,903.96	
Shipping	\$5,400.00	\$5,400.00	N/A	N/A	N/A
Rigid Transmission Line - copper, 6 1/8"	\$222,200.00	\$162,115.50	See Dielectric quote for WCWJ interim facility.	\$145,903.96	N/A
Primary Transmission Line	\$465,745.00	\$161,956.20		\$137,893.01	
Rigid Transmission Line - copper, 8 3 /16" broadband	\$460,845.00	\$157,056.20	Cost: \$291,274.40; however, it is shared cost with WJXT, therefore, cost for WCWJ is \$145,637.20. See attached Dielectric Quote. The \$22,838.00 Feed Through was erroneously omitted, so the total has been increased by 50% (\$11,419.00) to \$157,056.20	\$137,893.01	N/A

Shipping	\$4,900.00	\$4,900.00	Shipping Cost is \$9,800; however, it is	N/A	N/A
			a shared expense with WJXT; therefore, WCWJ shipping cost is		
Sub-total	\$693,345.00	\$329,471.70	N/A	\$283,796.97	N/A
Total for all systems	\$9,695,563.54	\$7,419,010.83	N/A	\$4,572,012.25	N/A

Description	File Name	
Shipping	Information not provided.	
Rigid Transmission Line -		
copper, 6 1/8"	<b>Component Description:</b>	Die inv #MAN00154
		Interim TX antenna
		TLSCRs
		UL20181119jgv1
	Amount:	\$2,485.69
	Component Description:	Die inv #MAN00154
		Interim TX line
		UL20181119jgv1
	Amount:	\$70,466.29
	Component Description:	Inv MAN00266
		WCWJ Interim line
		45% down payment
		UL20180503jgv1
	Amount:	\$72,951.98

copper, 8 3/16" broadband	Component Description:	Inv MAN00214
	Component Description:	WCWJ WJXT
		TLSCRs
		UL20180718jgv2
	Amount:	\$1,792.80
	Component Description:	Inv MAN00214
		WCWJ WJXT
		Transmission line
		UL20180718jgv2
	Amount:	\$63,743.94
	Component Description:	Die inv #MAN00299 Transmission line
	Amount:	UL20181106jgv1 \$61,296.17
	Amount.	ψ01,230.17
	Component Description:	Die inv #MAN0029
		Feed thru
		UL20181106jgv1
	Amount:	\$4,128.75
	Component Description:	Inv MAN00214
		WCWJ WJXT Feed
		thru
		UL20180718jgv2
	Amount:	\$5,138.55
	Component Description:	Die inv #MAN0029
		TLSCRs
		UL20181106jgv1
	Amount:	\$1,792.80
Shipping	Information not provided.	

## **Tower Equipment and Rigging Costs**

#### Cost Information

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cos Justificatic
Auxiliary Tower TOWER	\$749,100.00	\$545,000.00		\$93,022.65	
Remove Interim Equipment	\$200,000.00	\$200,000.00	Interim tower must be rigged after assigned phase is complete in order to have interim antenna, line, STL & waveguide removed from tower and disposed. Old pre-auction top-mount antenna belonging to tower owner must be reinstalled to maintain FAA height.	N/A	N/A
Tall Tower (greater than 500')	\$210,500.00	\$100,000.00	Shared expense with WJXT	\$3,925.88	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$75,000.00	Shared cost with WJXT	N/A	N/A

Interim Tower Lease	\$168,000.00	\$168,000.00	See attached InSite Tower LLC quote. Costs are based on leasing space on the interim tower for 21 months at \$8,000 per month.	\$87,096.77	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$2,000.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***	\$2,000.00	N/A
Primary Tower TOWER	\$1,033,792.00	\$674,315.00		\$43,751.46	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$283,823.00	Actual costs: \$477,646 for main antenna install minus \$73,300 for helicopter lift equates to \$404,346. Since main antenna is shared with WJXT, the main antenna install cost for WCWJ is \$202,173 (50% of \$404,346). See ERI	N/A	N/A

Tower Helicopter Lift	\$36,350.00	\$36,350.00	See attached ERI Proposal (Proposal No. 20180123-851 Rev B). The WJXT tower has history of using helicopter lifts since it is a complex candelabra. Shared expense with WJXT; therefore cost is \$73,500.	\$0.00	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$25,000.00	N/A	N/A	N/A

Helicopter Site Staging Requirement	\$37,500.00	\$37,500.00	See attached clearing quote for \$75,000. Erickson Inc. requires a 200 x 200 ft clearing for lifts and the only way to achieve this is to have the area clear-cut and also requires a Strong Plank Steel Mat. Shared expense with WJXT is \$37,500.	N/A	N/A
Major tower reinforcement /modifications	\$421,000.00	\$200,000.00	Costs for WCWJ tower mods are a shared expense with WJXT.	N/A	N/A
Foundation Expansion	\$91,642.00	\$91,642.00	Quote is for \$183,284. Shared expense with WJXT; therefore WCWJ cost is \$91642.	\$43,751.46	N/A
Primary Tower	\$1,176,826.71	\$1,126,874.71		\$661,045.46	

Tower Helicopter Lift	\$655,826.71	\$655,826.71	Instead of building a new tower, the WCWJ tower was dismantled. It was originally planned to dismantle the tower via helicopter for safety reasons; however, a gin pole was used and pricing requests such (See attached ERI quote).	\$655,826.71	N/A
Helicopter Site Staging Requirement	\$75,000.00	\$75,000.00	Clearing required in preparation to dismantlement of the WCWJ tower (instead of building a new tower).	N/A	N/A
New tower	\$0.00	\$0.00	Cost of new replacement tower for WCWJ is \$2,586,115.00 (see ERI quote). WCWJ tower will be dismantled and WCWJ will collocate with WJXT providing significant cost-savings to the FCC.	N/A	N/A

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$371,048.00	A recent structural analysis indicates that the tower fails when changes are made that invoke EIA- 222-G. The analysis states that tower cannot be upgraded to comply with the standards. Instead of building a new tower, it will be dismantled. See ERI quote.	N/A	N/A
Tower Mapping	\$25,000.00	\$25,000.00	N/A	\$5,218.75	N/A
Sub-total	\$2,959,718.71	\$2,346,189.71	N/A	\$797,819.57	N/A
Total for all systems	\$9,695,563.54	\$7,419,010.83	N/A	\$4,572,012.25	N/A

Actual Information Description	File Name	
Remove Interim Equipment	Information not provided.	
Tall Tower (greater than 500')	Component Description:	ERI inv #WCWJ-004 Spring Hanger Ext Hardware UL20181127jgv1
	Amount:	\$3,925.88
Minor tower reinforcement /modifications	Information not provided.	

Interim Tower Lease		
	Component Description:	WCWJ Interim Towe Lease Payments
	Amount:	(MAR 2019) \$10,000.00
	Component Description:	WCWJ Interim Towe Lease Payments (JUL 10, 2018 - DEC
		31, 2018)
	Amount:	\$57,096.77
	Component Description:	WCWJ Interim Towe Lease Payments
	Amount:	(JAN & FEB 2019) \$20,000.00
Structural engineering tower load study for well		
documented tower	Component Description:	Inv FL952GRARADIO WJXT Structural
		Analysis UL20180521jgv2 50% to WJXT 50% to
		WCWJ
	Amount:	\$2,000.00
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Information not provided.	
Tower Helicopter Lift	Information not provided.	
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	Information not provided.	
Helicopter Site Staging	Information not provided.	

Osborn inv #28313 Twr found eng 180224 - 180330 UL20190213jgv1 \$2,159.35
¢_,
Osborn inv #28225 Twr found eng 180127 - 180223 UL20181114jgv1
\$4,167.00
Matrax inv #2041 Mud mat rental UL20181112jgv1
\$989.48
Osborn inv #29009 Twr found eng 180331 - 180427 UL20181114jgv1
\$2,529.20
Osborn inv #28313 Twr found eng 180224 - 180330 UL20181114jgv1
\$2,159.35
Osborn inv #27338 Twr found eng 171125 - 171231 UL20181114jgv1
\$2,702.68

Component Description: Amount:	Osborn inv #26797R Twr found eng 170930 - 171027 UL20181114jgv1 \$10,372.60
Component Description: Amount:	Osborn inv #26528R Twr found eng 170701 - 170929 UL20181114jgv1 \$14,449.65
Component Description: Amount:	Osborn inv #29390 Twr found eng 180428 - 180525 UL20181114jgv1 \$69.80
Component Description: Amount:	Osborn inv #27832 Twr found eng 180101 - 180126 UL20181114jgv1 \$109.95
Component Description:	Osborn inv #27213 Twr found eng 171028 - 171125 UL20181114jgv1
Amount:	\$6,201.75

Tower Helicopter Lift		
	Component Description:	WCWJ ERI inv #WCWJ-003 Tower removal 40 pct pmt 2 UL20180910jgv1
	Amount:	\$265,550.00
	Component Description:	WCWJ ERI inv #WCWJ-002 Tower removal UL20180913jgv3
	Amount:	\$325,350.00
	Component Description:	WCWJ ERI inv #WCWJ-007 Tower removal final 10 pct pmt 3 UL20180910jgv1
	Amount:	\$64,926.71
Helicopter Site Staging Requirement	Information not provided.	
New tower	Information not provided.	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Information not provided.	

Component Description:	Inv
	FL952GRA1422873
	WCWJ Climbing
	Inspection
	UL20180605jgv2
	50% to WCWJ 50%
	to WJXT
Amount:	\$1,531.25
Component Description:	Inv 947-05 Tower
	mapping
	UL20180712jgv2
	50% to WCWJ 50%
	to WJXT
Amount:	\$3,687.50

#### **Outside Professional Services**

#### Cost Information

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cos Justificatio
Outside Professional Services	\$545,095.00	\$521,625.00		\$79,431.81	
First Priority Filing Window Engineering Study for New Channel Assignment and Antenna Development	\$7,000.00	\$7,000.00	Required for Unable to Construct Stations	\$7,000.00	N/A
Other Legal Services	\$10,000.00	\$10,000.00	Other Legal Services related to the DTV Repack	\$5,599.31	N/A

Other Engineering Services	\$97,500.00	\$97,500.00	Fewer Project Management "PM" tasks are required & Other Engineering Services "OES" are required, therefore the PM total has been reduced to 850 hrs (\$127,500 at \$150/hr), & a new OES category has been created & funded with the money removed from PM.	\$57,425.00	N/A
Osborn Engineering Main Transmitter Facility	\$8,590.00	\$8,590.00	Shared cost with WJXT.	N/A	N/A
Osborn Engineering Examination of Interim Site	\$51,710.00	\$51,710.00	Shared cost with WJXT. See attached Osborn Engineering quote.	N/A	N/A
Intermod Study at Interim Site	\$500.00	\$500.00	See attached InSite Tower LLC quote for required study. Shared cost with WJXT.	N/A	N/A
			Shared cost	N/A	N/A

Environmental Impact Study	\$2,420.00	\$2,420.00	Shared cost with WJXT	N/A	N/A
Additional Field Engineering Service, 45 Days	\$90,000.00	\$90,000.00	N/A	N/A	N/A
RF Exposure Measurements	\$21,050.00	\$10,000.00	Shared expense with WJXT	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 - 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	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	\$3,000.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	N/A	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 and or review reimbursement form	\$2,630.00	\$3,250.00	See attached Invoices and Quotes	\$3,250.00	N/A

Project	\$134,300.00	\$127,500.00	Fewer	\$3,157.50	N/A
management of			Project		
the transition			Management		
			"PM" tasks		
			are required		
			& Outside		
			Engineering		
			Services		
			"OES" are		
			required,		
			therefore the		
			PM total has		
			been		
			reduced to		
			850 hrs		
			(\$127,500 at		
			\$150/hr), & a		
			new OES		
			category has		
			been		
			created &		
			funded with		
			the money		
			removed		
			from PM.		
Topographic	\$870.00	\$870.00	Shared cost	N/A	N/A
Survey			with WJXT		
-		¢504.005.00	N1/A	Φ <b>70</b> 404 04	<b>N 1 / A</b>
Sub-total	\$545,095.00	\$521,625.00	N/A	\$79,431.81	N/A
Total for all	\$9,695,563.54	\$7,419,010.83	N/A	\$4,572,012.25	N/A
systems					

## Components

Actual Information Description	File Name	
First Priority Filing Window Engineering Study for New Channel Assignment and Antenna Development	Component Description: Amount:	KGA 947-16 v190502pmv1 \$7,000.00
Other Legal Services		

Covington inv #60780136 Various Legal UL20190221jgv2 \$135.00
Covington inv #60790156 Various Legal UL20181023jgv1 \$62.10
Covington inv #60836456 Various Legal thru 190131 UL20181030jgv1 \$1,694.06
Covington inv #60774445 Various Legal UL20181022jgv1 \$1,246.26
Covington inv #60793199 Various Legal UL20181023jgv1 \$149.47
Covington inv #60780136 Various Legal UL20181022jgv1 \$247.50

	Component Description: Amount:	Covington inv #60780135 Various Legal UL20181019jgv1 \$1,872.22
	Component Description:	Covington inv #60816783 Various Legal UL20181030jgv1 \$130.50
	Component Description:	Covington inv #60812706 Various Legal
	Amount:	UL20181024jgv1 \$309.70
Other Engineering Services	Component Description:	KGA inv #947-112 Other Eng Srvcs
	Amount:	UL20181113jgv1 \$54,625.00
	Component Description:	KGA inv #947-77 Actual Cost Invs UL20181109jgv1
	Amount:	\$750.00
	Component Description: Amount:	KGA 947-17 v190502pmv1 \$2,800.00
Osborn Engineering Main Transmitter Facility	Information not provided.	
Osborn Engineering Examination of Interim Site	Information not provided.	
Intermod Study at Interim Site	Information not provided.	

Geotechnical Report	Information not provided.
Environmental Impact Study	Information not provided.
Additional Field Engineering Service, 45 Days	Information not provided.
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 -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	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 947-22 v190502pmv1 \$3,000.00
Perform engineering study for new channel assignment and antenna development	Information not provided.	
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	
Prepare and or review reimbursement form		
	Component Description:	KGA inv #947-77
		Actual Cost Invs UL20190329jgv2
	Amount:	\$750.00
	Component Description:	KGA 947-12
		v190502pmv1
	Amount:	\$2,500.00

Project management of the transition		
	<b>Component Description:</b>	KGA inv #947-108
		Form 387 2018 Q3
		UL20181109jgv1
	Amount:	\$300.00
	Component Description:	KGA inv #947-23
		Project
		Management
		UL20180726jgv1
		50% to WCWJ 50%
		to WJXT
	Amount:	\$2,257.50
	Component Description:	KGA 947-32
		v190502pmv1
	Amount:	\$300.00
	Component Description:	Inv 947-31 WCWJ
		PM 387 2017 Q4
		UL20180621jgv1
	Amount:	\$300.00
Topographic Survey	Information not provided.	

### **Other Expenses**

### Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual C Justifica
Other Expenses	\$217,701.13	\$217,146.13		\$16,842.35	
STL System	\$43,762.88	\$43,762.88	STL required at interim site. See attached STL quotes from Vernick Technology, Inc. and Data Flow Communications. Costs are \$87,525.75 (\$51,930.75 + \$35,595 - see attached quotes). Shared cost for WCWJ and WJXT is \$43,762.75.	N/A	N/A
MVPD Notification of Channel Change	\$2,000.00	\$2,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	\$10,000.00	\$10,000.00	N/A	N/A	N/A
Equipment Storage	\$25,000.00	\$25,000.00	N/A	\$6,645.10	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)	\$42,169.50	\$42,169.50	See attached Rohde & Schwarz Quote Number 190379.0 (WCWJ Interim Decom)	\$2,173.50	N/A
Non-zoning permits	\$25,000.00	\$25,000.00	N/A	N/A	N/A
Local Zoning	\$25,000.00	\$25,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
Sales Tax	\$8,023.75	\$8,023.75	Sales tax on any purchases where it is charged will be added to this component, with the cost adjusted upward accordingly.	\$8,023.75	N/A
Sub-total	\$217,701.13	\$217,146.13	N/A	\$16,842.35	N/A
Total for all systems	\$9,695,563.54	\$7,419,010.83	N/A	\$4,572,012.25	N/A

# Components

Actual Information Description	File Name
STL System	Information not provided.
MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.

Equipment Storage		
	Component Description:	WCWJ R&S inv #9500083842 Storage container UL20180723jgv1
	Amount:	\$995.10
	Component Description:	WCWJ Interim Dumpster, Storage, Plywood & Parallel RC Interface (Quote & Invoices)
	Amount:	(Quote & Invoices) \$5,650.00
Equipment Delivery and Handling Charges	Information not provided.	
Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description:	WCWJ R&S inv #9500083843 Dumpster UL20180725jgv1
	Amount:	\$1,123.50
	Component Description:	WCWJ Interim Dumpster, Storage, Plywood & Parallel RC Interface
	Amount:	(Quote & Invoices) \$1,050.00
Non-zoning permits	Information not provided.	
Local Zoning	Information not provided.	
DTV Medical Facility Notification	Information not provided.	
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	

Sales Tax		
	Component Description:	WCWJ Interim Dumpster, Storage, Plywood & Parallel RC Interface (Quote & Invoices)
	Amount:	\$878.25
	Component Description:	WCWJ R&S inv
		#9500083890 Interim Electrical
		sales tax
		UL20180731jgv1
	Amount:	\$7,145.50

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$9,695,563.54	\$7,419,010.83	\$4,572,012.25

Reimbursem	entestiatus	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

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.	
		<ol> <li>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.</li> <li>The above-named</li> </ol>	
		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).
- 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.	William T Godfrey , Jr Consulting Engineers 05/03/2019

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).	
		<ol> <li>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.</li> </ol>	
		2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.	
		3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.	

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

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.	
an au name	are, under penalty of perjury, that I am thorized representative of the above- d applicant for the Authorization(s) ied above.	William T Godfrey , Jr Consulting Engineers 05/03/2019

#### Attachments

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