

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility 29712 Service: DTV Call WCWJ Channel: 20 (UHF)

ID:

Sign:

File **0000027958**

Number:

FRN: **0002161107** Date **04/07**

Submitted: /2019

Applicant Information

Applicant Name, Type, and Contact 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 Contact Information

Preparer Contact Name and 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	jeff@kesslerandgehman. com

Broadcaster Information and Transition Plan

Question	Response
Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	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

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

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	Sigma CD3140P2CF
	Year	2008
	Туре	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	34.0 kW

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	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

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	300 kVA
	Rigid Conduit and Wiring	Yes
	Size	3 inches
	Length	500.0 feet
	Other Electrical Service	Yes
	Description	Other electrical services required since WCWJ is moving to the WJXT site and will have to be interfaces with the electrical in the WJXT transmitter building.
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	400.0 square feet

Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
Channel 14 Costs	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Other Transmitter Cost Not Listed

Name	Description
Switch	Switch to Combiner Interconnect 8-3/16" 75 ohm.
50 kW Reject Load	Outside heat exchanger kit: \$4,812.50. See Rohde & Schwarz quote.
8-Pole Mask Filter	WCWJ-D20 is located less than 1 km from WJAX-D19 (1st adjacent stations).
Standby Exciter and Switch	Standby Exciter with Automatic Change Over Switch.

Interim Transmitter

New Transmitter Costs

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 Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	Yes
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	500 kVA
	Rigid Conduit and Wiring	Yes
	Size	3 inches
	Length	500.0 feet
	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
	Is additional field engineering time needed? Number of Days	N/A N/A

Interim Transmitter

Other Transmitter Cost Not Listed

Name	Description
Cooling Pumps Stacking Kit	Required to meet spacing requirements in transmitter building.
50 kW Reject Load	Outside heat exchanger kit: \$10,112.50. See Rohde & Schwarz quote.
Split Configuration	Transmitter split configuration kit to provide required space in in interim container. Cost is \$3,950.00. See Rohde & Schwarz quote.
Transmitter Interconnect	TX output to container in antenna interconnect kit 6-50: \$9,600. See Rohde & Schwarz quote.
Back-up Generator	A temporary generator is required at the interim site while the WCWJ tower is being dismantled.
Additional RF Components	Required to split cabinets in order to meet spacing requirements in transmitter building.
Required Extra Glycose	Extra glycose and hose accessories kit - 30 meters.

Antennas

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

Primary Antenna

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	Yes
Existing Antenna	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)	863.0 kW

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

Primary Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	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

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.	Year	2018
	Justification for New Antenna	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

Primary Antenna

Other Antenna Costs

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
Antenna adapter	ANTENNA WEDDING CAKE MOUNTING ADAPTER.
Extension Pole	MOUNTING POLE FOR TOP MOUNTING ANTENNA IN ORDER TO MAINTAIN FAA HEIGHT.
Shipping	Shipping Cost: \$9,800

Interim Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna	Class	Full Power
Manufacturer and Type	Mounting	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.

Interim Antenna

Other 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 Antenna

Other Antenna Cost Not Listed

Name	Description
Shipping	Shipping Cost: \$9,800

Transmission ^{Seffien}	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	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

Primary New Transmission Line

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	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 for 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 will share the costs.

Shipping Cost: \$9,800

Other Transmission Line Expenses Not Listed

Shipping

Primary Transmission Line Description

New Transmission Line

Interim Transmissio

Section	Question	Response
New Transmission Line	Use	Interim
Costs	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

Transmission	n Naine	Description
	Shipping	Shipping Cost: \$5,400

Tower Equipment And Rigging Costs

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

Auxiliary Tower

Add 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
Existing Tower Structure	Do you have a tower registration number?	Yes
Registration	ASR Number	1016457
Coordinates (NAD83 (North American Datum of	Latitude (NAD83)	30° 16' 36.0" N-
1983))	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 or Guyed Structure
Tower Owner	IWG Towers Assets II, LLC
Date Constructed	07/01/1988

Auxiliary 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:	Minor Reinforcements needed

Auxiliary Tower

Tower Rigging Costs

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

Auxiliary Tower

Other Tower Expenses Not Listed

Name	Description	
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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.

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?	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 Registration	Do you have a tower registration number?	Yes
Registration	ASR Number	1025608
Coordinates (NAD83 (North American Datum of	Latitude (NAD83)	30° 16' 37.0" N-
983))	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

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

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

Primary Tower

Other Tower Expenses Not Listed

Name	Description
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).
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.

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?	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 Registration	Do you have a tower registration number?	Yes
Registration	ASR Number	1025608
Coordinates (NAD83 (North American Datum of	Latitude (NAD83)	30° 16' 37.0" N-
983))	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

Tower Construction Costs

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 analysis).

Primary Tower

Tower Rigging Costs

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

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 clearcut 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 Professional

Section	Question	Response
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 Services	Prepare and file Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	Negotiation of Lease and other Matter for Shared Locations	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 or personnel trained in such services.

Outside Professional

Other Professional Services Expenses Not Listed

I 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 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	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 Expenses

Other Expenses Not Listed

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

Cost Information

Transmitters

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmitter THU9EVO-24	\$2,319,231.09	\$1,835,883.57		\$1,482,527.67	
Required Extra Glycose	\$12,000.00	\$12,000.00	See Rohde & Schwarz quote for WCWJ interim transmitter.	N/A	N/A
Additional RF Components	\$17,550.00	\$17,550.00	RF Components for 2+2 cabinets to meet space requirements in interim transmitter container (building). See Rohde & Schwarz quotes for WCWJ interim transmitter.	\$567.10	N/A

Back-up	\$132,500.00	\$132,500.00	Back-up	\$59,530.00	N/A
Generator	Ţ. 52,000 100	÷:==,000.00	generator to	+ , - - , - , - , - , - , - , - , - , - , -	. 4//
			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)		
Transmitter	\$9,600.00	\$9,600.00	See	N/A	N/A
Interconnect	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	. ,	attached		
			Rohde &		
			Schwarz		
			quote		
0-14	#2.050.00	#0.050.00	0	NI/A	N1//
Split	\$3,950.00	\$3,950.00	See	N/A	N/A
Configuration			attached		
			Rohde &		
			Schwarz		
			quote		
50 kW	\$10,112.50	\$10,112.50	See	N/A	N/A
Reject Load			attached		
			Rohde &		
			Schwarz		
			quote		
Cooling	\$2,500.00	\$2,500.00	Required to	N/A	N/A
Pumps			meet space		
Stacking Kit			requirements		
			in interim		
			transmitter		
			container		
			(building).		
			See Rohde		
			& Schwarz		
			quotes for		
			WCWJ		
			interim		

UHF inside RF system including switching	\$147,500.00	\$140,000.00	N/A	N/A	N/A
10 Ton system	\$38,900.00	\$36,935.00	N/A	\$36,935.00	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
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$13,700.00	N/A	N/A	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	\$29,700.00	N/A
Transformer 3 phase /480v - 500 KVA	\$48,400.00	\$46,000.00	N/A	\$5,559.50	N/A
3" Rigid Conduit and Wiring (Cost	\$26,000.00	\$24,500.00	N/A	N/A	N/A

Other	\$88,054.00	\$88,054.00	Jacksonville	\$88,054.00	N/
Electrical			Electric		
Service:			Authority		
Other			(JEA)		
electrical			services		
services will			must be		
be required			retained in		
for			order to		
transmitter			modify on-		
building at			site		
the alternate			transformer		
site for the			to provide		
interim			required		
facility to			service to		
operate while the			new interim		
tower is			building		
being			(container). Also see		
dismantled			attached		
and through			quotes.		
the assigned			quoics.		
phase. See					
lease, bldg					
& elec					
quotes.					
Other	\$256,564.59	\$256,564.59	Attached	\$256,564.59	N/A
Building			letter from		
Addition			InSite Tower		
Size: 450.0			(interim		
			tower) states		
			that new		
			building		
			must be		
			provided.		
Primary	\$2,475,912.50	\$1,935,412.50		\$1,110,450.00	
Transmitter THU9EVO-48					
Standby	\$25,000.00	\$25,000.00	N/A	N/A	N/A
Exciter and					
Switch					

8-Pole Mask Filter	\$177,200.00	\$177,200.00	8-pol mask filter required due to 1st- adjacent station issue. See attached Rohde & Schwarz quote.	N/A	N/A
50 kW Reject Load	\$4,812.50	\$4,812.50	Outside heat exchanger kit: \$4,812.50. See Rohde & Schwarz quote.	N/A	N/A
Switch	\$30,000.00	\$30,000.00	N/A	N/A	N/A
Other Building Addition Size: 400.0	\$75,000.00	\$75,000.00	Transmitter room demolition and new concrete pad for heat exchanges and power supplies (actual quote	N/A	N/A

Switchgear - industrial 800 amp	\$38,200.00 \$36,800.00	\$20,000.00	See	N/A	N/A
Switchgear -	\$38,200.00	* /			
00.5 - 75 KVV		\$36,300.00	N/A	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 68.5 - 75 kW	\$1,999,000.00	\$1,480,600.00	N/A	\$1,110,450.00	N/A
10 Ton system	\$38,900.00	\$37,000.00	N/A	N/A	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$26,000.00	\$24,500.00	N/A	N/A	N/A
Service: Other electrical services required since WCWJ is moving to the WJXT site and will have to be interfaces with the electrical in the WJXT transmitter building.					

Actual Information Description	File Name	
Required Extra Glycose	Information not provided.	
Additional RF Components	Component Description:	WCWJ R&S inv #9500083873 Interim Elbow UL20180725jgv1
	Amount:	\$567.10
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: Amount:	WCWJ R&S inv #9500083890 Interim Electrical temporary generator UL20180731jgv1 \$9,155.00
Transmitter Interconnect	Information not provided.	
Split Configuration	Information not provided.	
50 kW Reject Load	Information not provided.	
Cooling Pumps Stacking Kit	Information not provided.	
UHF inside RF system including switching	Information not provided.	
10 Ton system	Component Description:	WCWJ Interim HVAC (NET30
	Amount:	Payment) \$36,935.00

UHF - Liquid Cooled Solid State Transmitter 35 - 50	Component Description	WCWJ Interim
kW	Component Description:	Dumpster, Storage,
		Plywood & Parallel
		RC Interface (Quote
		& Invoices) v2
	Amount:	\$875.00
	Component Description:	WCWJ Interim
		Transmitter (NET30
		Partial Payment)
	Amount:	\$718,989.17
	Component Description:	WCWJ Interim
		Transmitter (NET30
	Amount:	Final Payment) \$285,753.31
	Amount.	Ψ200,700.01
Service entrance 3 phase /800 amp/208 volt	Information not provided.	
Switchgear - industrial 800		
amp	Component Description:	WCWJ R&S inv
		#9500083890
		Interim Electrical
		switchgear
	Amount:	UL20180731jgv1 \$29,700.00
	Amount.	\$2 9 ,700.00
Transformer 3 phase/480v		
- 500 KVA	Component Description:	Coffman Elec inv
		#131850E
		Automatic Transfer Switch
		Switch UL20180905jgv1
		50% to WCWJ 50%
		to WJXT
	Amount:	\$5,559.50
3" Rigid Conduit and	Information not provided.	

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.

Component Description: WCWJ R&S inv

#9500083847 Interim Main Panel UL20180725jgv1

Amount: \$9,484.00

Component Description: WCWJ R&S inv

#9500083890 Interim Electrical installation UL20180731jgv1

Amount: \$78,570.00

Other -- Building Addition

Size: 450.0

Component Description: Osborn inv #29010

Interim TX Facility

prof srvcs

UL20190214jgv1

Amount: \$6,897.24

Component Description: Osborn inv #29391

Interim TX Facility

prof srvcs

UL20190214jgv1

Amount: \$10,089.27

Component Description: WCWJ Interim

Dumpster, Storage, Plywood & Parallel RC Interface (Quote

& Invoices)

Amount: \$5,075.00

Component Description: WCWJ Interim

Building (Container)

Construction

(NET30 Payment)

Amount: \$211,797.10

Component Description: Osborn inv #27953

Interim TX Facility

UL20190214jgv1

prof srvcs

Amount: \$6,558.50

Component Description: Osborn inv #28314

Prof srvcs 180224 -

180330

UL20190205jgv1

Amount: \$9,247.48

Component Description: Osborn inv #30282

Interim TX Facility

prof srvcs

UL20190214jgv1

\$6,900.00

Standby Exciter and Switch Information not provided.

8-Pole Mask Filter Information not provided.

50 kW Reject Load Information not provided.

Switch Information not provided.

Other -- Building Addition Information not provided.

Amount:

Other Electrical Service:
Other electrical services
required since WCWJ is
moving to the WJXT site
and will have to be
interfaces with the
electrical in the WJXT

Size: 400.0

Information not provided.

3" Rigid Conduit and Wiring (Cost per foot)

transmitter building.

Information not provided.

10 Ton system Information not provided.

UHF - Liquid Cooled Solid State Transmitter 68.5 - 75	Component Description:	WCWJ Main
kW	Component Description.	Transmitter (50%
		Down Payment)
	Amount:	\$740,300.00
	Component Description:	WCWJ Main
		Transmitter (Initial
		25% Down
		Payment)
	Amount:	\$370,150.00
Switchgear - industrial 800 amp	Information not provided.	
Transformer 3 phase/480v - 300 KVA	Information not provided.	

Cost Information

Antennas

Description Interim Antenna TFU-25ETT- R O6T170	Predetermined Cost Estimate \$275,830.00	Estimated Cost \$221,912.00	Estimated Cost Justification	Actual Cost \$190,900.80	Actual Cost Justification
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
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
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$5,760.00	N/A
Primary Antenna TFU-24GTH /VP-R TC O6SP	\$385,393.50	\$327,593.50		\$224,925.96	

Shipping	\$4,900.00	\$4,900.00	Cost: \$9,800;	N/A	N/A
			however, it is		
			shared cost		
			with WJXT		
			therefore, cost for		
			WCWJ is		
			\$4,900. See attached		
			Dielectric		
			Quote.		
			QUUIG.		
Antenna	\$19,252.00	\$19,252.00	Cost:	\$13,494.60	N/A
adapter			\$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		
Extension	\$76,315.00	\$76,315.00	Cost:	\$55,437.52	N/A
Pole	Ţ. 3,0 . 3100	Ţ. 3,3·3.00	\$152,630;	400, 10.102	// .
			however, it is		
			shared cost		
			with WJXT,		
			therefore,		
			cost for		
			WCWJ is		
			\$76,315.		
			See		
			attached		
			Dielectric		

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	\$40,000.00	Shared cost with WJXT	N/A	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
Sweep test of existing antenna	\$6,730.00	\$3,200.00	Shared cost with WJXT	\$2,880.00	N/A
Sub-total	\$661,223.50	\$549,505.50	N/A	\$415,826.76	N/A
Total for all systems	\$9,881,357.43	\$7,729,814.61	N/A	\$4,083,998.36	N/A

Components

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:	Die inv #MAN00154 Interim TX antenna elbow complex UL20181119jgv1
	Amount:	\$4,942.80
	Component Description:	Inv MAN00266 WCWJ Interim elbow complex 45% down payment UL20180503jgv1
	Amount:	\$4,942.80
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	Component Description:	Inv MAN00266 WCWJ Interim TX antenna 45% down payment
	Amount:	UL20180503jgv1 \$87,627.60
	Component Description:	Die inv #MAN00154 Interim TX antenna
	Amount:	UL20181119jgv1 \$87,627.60
Sweep test of existing		
antenna	Component Description:	Inv MAN00266 WCWJ Interim sweep test 45% down payment UL20180503jgv1
	Amount:	\$2,880.00
	Component Description:	Die inv #MAN00154 Interim TX antenna sweep
	Amount:	UL20181119jgv1 \$2,880.00

Antenna adapter		
	Component Description:	Die inv #MAN00299 Primary ant adapter UL20181106jgv1
	Amount:	\$4,831.20
	Component Description:	Inv MAN00214 WCWJ WJXT Primary ant adapter
	Amount:	UL20180718jgv2 \$4,831.20
	Component Description:	Die inv #MAN00299 Primary ant adapter UL20181106jgv1
	Amount:	\$3,832.20
Extension Pole		
	Component Description:	Die inv #MAN00299 Prim ant ext pole UL20181106jgv1
	Amount:	\$21,095.77
	Component Description:	Inv MAN00214 WCWJ WJXT Prim ant ext pole
	Amount:	UL20180718jgv2 \$34,341.75
Elbow complex, broadband, at antenna	Component Description:	Inv MAN00214
nput, per 8 3/16. feedline (if needed)		WCWJ WJXT Elbow complex UL20180718jgv2
	Amount:	\$3,996.00
	Component Description:	Die inv #MAN00299 Elbow complex
		UL20181106jgv1

New combiner, cost per channel (without antenna)	Information not provided.	
UHF - High Power Top Mount Two Station antenna elliptically or circularly polarized	Component Description:	Die inv #MAN00299 Primary antenna
,	Amount:	UL20181106jgv1 \$72,560.92
	Component Description:	Inv MAN00214 WCWJ WJXT
		Primary antenna UL20180718jgv2
	Amount:	\$72,560.92
Sweep test of existing antenna		
	Component Description:	Inv MAN00214 WCWJ WJXT Sweep
	Amount:	UL20180718jgv2 \$1,440.00
	Component Description:	Die inv #MAN00299
		Sweep UL20181106jgv1
	Amount:	\$1,440.00

Cost Information

Transmission Line

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	
Shipping	\$4,900.00	\$4,900.00	Shipping Cost is \$9,800; however, it is a shared expense with WJXT; therefore, WCWJ shipping cost is	N/A	N/A

Rigid	\$460,845.00	\$157,056.20	Cost:	\$137,893.01	N/A
Transmission			\$291,274.40;		
Line -			however, it is		
copper, 8 3			shared cost		
/16"			with WJXT,		
broadband			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		
Sub-total	\$693,345.00	\$329,471.70	N/A	\$283,796.97	N/A
Total for all systems	\$9,881,357.43	\$7,729,814.61	N/A	\$4,083,998.36	N/A

Components

Actual Information Description	File Name
Shipping	Information not provided.

copper, 6 1/8"		D' ' "MAAN'00454
	Component Description:	Die inv #MAN00154
		Interim TX antenna
		TLSCRs
		UL20181119jgv1
	Amount:	\$2,485.69
	Component Description:	Inv MAN00266
		WCWJ Interim line
		45% down payment
		UL20180503jgv1
	Amount:	\$72,951.98
	Component Description:	Die inv #MAN00154
		Interim TX line
		UL20181119jgv1
	Amount:	\$70,466.29
Shipping	Information not provided.	

Rigid Transmission Line - copper, 8 3/16" broadband

Component Description: Die inv #MAN00299

Transmission line UL20181106jgv1

Amount: \$61,296.17

Component Description: Die inv #MAN00299

TLSCRs

UL20181106jgv1

Amount: \$1,792.80

Component Description: Inv MAN00214

WCWJ WJXT Feed

thru

UL20180718jgv2

Amount: \$5,138.55

Component Description: Die inv #MAN00299

Feed thru

UL20181106jgv1

Amount: \$4,128.75

Component Description: Inv MAN00214

WCWJ WJXT TLSCRs

UL20180718jgv2

Amount: \$1,792.80

Component Description: Inv MAN00214

WCWJ WJXT Transmission line UL20180718jgv2

Amount: \$63,743.94

Cost Information

Tower Equipment and Rigging Costs

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cos Justificatio
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 Proposal No. 20180123-851 Rev B.	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
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

Helicopter Site Staging	\$37,500.00	\$37,500.00	See attached clearing quote	N/A	N/A
Requirement			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.		
Major tower	\$421,000.00	\$200,000.00	Costs for	N/A	N/A
reinforcement			WCWJ tower		
/modifications			mods are a		
			shared		
			expense with		
			WJXT.		
•	\$775,400.00	\$557,500.00		\$5,925.88	
Tower TOWER	\$775,400.00 \$12,600.00	\$557,500.00 \$2,000.00		\$5,925.88 \$2,000.00	N/A
Tower TOWER Structural			WJXT.		N/A
Tower TOWER Structural engineering			WJXT.		N/A
Structural engineering tower load			WJXT. ***System Notice:		N/A
Structural engineering tower load study for well			***System Notice: Estimate		N/A
Structural engineering tower load study for well documented			***System Notice: Estimate adjusted and		N/A
Structural engineering tower load study for well documented			***System Notice: Estimate adjusted and locked		N/A
Structural engineering tower load study for well documented			***System Notice: Estimate adjusted and locked because line		N/A
Auxiliary Tower TOWER Structural engineering tower load study for well documented tower			***System Notice: Estimate adjusted and locked because line has been		N/A
Structural engineering tower load study for well documented			***System Notice: Estimate adjusted and locked because line has been superseded.		
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

Remove	\$200,000.00	\$200,000.00	Interim tower	N/A	N/A
Interim			must be		
Equipment			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.		
Minor tower	\$158,000.00	\$75,000.00	Shared cost	N/A	N/A
einforcement			with WJXT		
modifications					
Гower	\$26,300.00	\$12,500.00	Shared cost	N/A	N/A
	Ψ20,300.00	Ψ12,000.00	with WJXT	14/74	13/7
mapping for			WILLI VVJA I		
an undocumented					
poorly					
documented					
ower and					
oreparation of					
documentation					
necessary for					
ower load					

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	N/A	N/A
			months at		
			\$8,000 per month.		
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
Tower Mapping	\$25,000.00	\$25,000.00	N/A	\$5,218.75	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	N/A	N/A

Total for all systems	\$9,881,357.43	\$7,729,814.61	N/A	\$4,083,998.36	N/A
Sub-total	\$2,986,018.71	\$2,358,689.71	N/A	\$710,722.80	N/A
			quote.		
			See ERI		
			dismantled.		
			be		
			tower, it will		
			building a new		
			Instead of		
			the standards.		
			to comply with		
			be upgraded		
			tower cannot		
			analysis states that		
antennas)			222-G. The		
stacked			invoke EIA-		
and/or			are made that		
candelabras			when changes		
those with			the tower fails		
example,			indicates that		
(includes, for			analysis		
Tower			structural		
Complex	\$421,000.00	\$371,048.00	A recent	N/A	N/A
			to the FCC.		
			cost-savings		
			significant		
			providing		
			will collocate with WJXT		
			and WCWJ		
			dismantled		
			tower will be		
			quote). WCWJ		
			(see ERI		
			\$2,586,115.00		
			WCWJ is		
			tower for		
			replacement		

Components

Actual Information	
Description	File Name

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.	
Foundation Expansion		
	Component Description:	Osborn inv #28225 Twr found eng 180127 - 180223 UL20181114jgv1
	Amount:	\$4,167.00
	Component Description:	Osborn inv #29009 Twr found eng 180331 - 180427
	Amount:	UL20181114jgv1 \$2,529.20
	Component Description:	Osborn inv #27832 Twr found eng 180101 - 180126
	Amount:	UL20181114jgv1 \$109.95
	Component Description:	Osborn inv #28313
		Twr found eng 180224 - 180330
		UL20190213jgv1

Component Description: Osborn inv #29390

Twr found eng 180428 - 180525 UL20181114jgv1

Amount: \$69.80

Component Description: Osborn inv #26528R

Twr found eng 170701 - 170929 UL20181114jgv1 \$14 449 65

Amount: \$14,449.65

Component Description: Osborn inv #27213

Twr found eng 171028 - 171125 UL20181114jgv1 \$6,201.75

Amount: \$6,201.75

Component Description: Osborn inv #26797R

Twr found eng 170930 - 171027 UL20181114jgv1 \$10,372.60

Amount:

Amount:

Component Description: Osborn inv #28313

Twr found eng 180224 - 180330 UL20181114jgv1 \$2,159.35

Component Description: Matrax inv #2041

Mud mat rental UL20181112jgv1

Amount: \$989.48

Component Description: Osborn inv #27338

Twr found eng 171125 - 171231 UL20181114jgv1

Amount: \$2,702.68

Helicopter Site Staging Requirement	Information not provided.	
Major tower reinforcement /modifications	Information not provided.	
Structural engineering tower load study for well documented tower	Component Description: Amount:	Inv FL952GRARADIO WJXT Structural Analysis UL20180521jgv2 50% to WJXT 50% to WCWJ \$2,000.00
Tall Tower (greater than 500')	Component Description: Amount:	ERI inv #WCWJ-004 Spring Hanger Ext Hardware UL20181127jgv1 \$3,925.88
Remove Interim Equipment	Information not provided.	
Minor tower reinforcement /modifications	Information not provided.	
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	Information not provided.	
Interim Tower Lease	Information not provided.	

Tower Helicopter Lift		
	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
	Component Description:	WCWJ ERI inv #WCWJ-003 Tower removal 40 pct pmt 2 UL20180910jgv1
	Amount:	\$265,550.00
Tower Mapping	Component Description:	Inv 947-05 Tower mapping UL20180712jgv2 50% to WCWJ 50% to WJXT
	Amount:	\$3,687.50
	Component Description:	Inv FL952GRA1422873 WCWJ Climbing Inspection UL20180605jgv2 50% to WCWJ 50% to WJXT
	Amount:	\$1,531.25
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.

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 Cos Justificatio
Outside Professional Services	\$545,095.00	\$520,875.00		\$63,831.81	
Topographic Survey	\$870.00	\$870.00	Shared cost with WJXT	N/A	N/A
Other Legal Services	\$10,000.00	\$10,000.00	Other Legal Services related to the DTV Repack	\$5,599.31	N/A
Osborn Engineering Main Transmitter Facility	\$8,590.00	\$8,590.00	Shared cost with WJXT.	N/A	N/A

Project management of the transition	\$134,300.00	\$127,500.00	Fewer Project 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.	\$2,857.50	N/A
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	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
, ipplication					

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
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
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$750.00	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.	\$54,625.00	N/A
Environmental	\$2,420.00	\$2,420.00	Shared cost	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

\$7,360.00 \$2,630.00	\$7,000.00 \$2,500.00	N/A	N/A	N/A
\$3,155.00	\$3,000.00	N/A	N/A	N/A
\$3 155 00	\$3,000,00	NI/Λ	NI/Λ	NI/Λ
	\$5,260.00 \$3,155.00			

Components

Actual Information Description	File Name
Topographic Survey	Information not provided.

Other Legal Services

Component Description: Covington inv #60780136 Various Legal UL20190221jgv2 \$135.00 Amount: **Component Description:** Covington inv #60793199 Various Legal UL20181023jgv1 Amount: \$149.47 **Component Description:** Covington inv #60780135 Various Legal UL20181019jgv1 Amount: \$1,872.22 **Component Description:** Covington inv #60836456 Various Legal thru 190131 UL20181030jgv1 Amount: \$1,694.06 **Component Description:** Covington inv #60790156 Various Legal UL20181023jgv1 Amount: \$62.10

Component Description: Covington inv

#60812706 Various

Legal

UL20181024jgv1

Amount: \$309.70 Component Description: Covington inv

#60816783 Various

Legal

UL20181030jgv1

Amount: \$130.50

Component Description: Covington inv

#60780136 Various

Legal

UL20181022jgv1

Amount: \$247.50

Component Description: Covington inv

#60774445 Various

Legal

UL20181022jgv1

Amount: \$1,246.26

Osborn Engineering Main Transmitter Facility Information not provided.

Project management of the transition

Component Description: 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: Inv 947-31 WCWJ

PM 387 2017 Q4 UL20180621jgv1

Amount: \$300.00

First Priority Filing Window Engineering Study for New Channel Assignment and Antenna Development	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Geotechnical Report	Information not provided.	
Intermod Study at Interim Site	Information not provided.	
Osborn Engineering Examination of Interim Site	Information not provided.	
Prepare and or review reimbursement form	Component Description: Amount:	KGA inv #947-77 Actual Cost Invs UL20190329jgv2 \$750.00
Other Engineering Services	Component Description:	KGA inv #947-112 Other Eng Srvcs UL20181113jgv1
	Amount:	\$54,625.00
	Component Description:	KGA inv #947-77 Actual Cost Invs UL20181109jgv1
	Amount:	\$750.00
Environmental Impact Study	Information not provided.	
Additional Field Engineering Service, 45 Days	Information not provided.	
RF Exposure	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 engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.
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 request for Special Temporary Authorization	Information not provided.

Cost Information

Other Expenses

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

	Predetermined	Estimated	Estimated Cost		Actual (
Description	Cost Estimate	Cost	Justification	Actual Cost	Justific
Other Expenses	\$200,531.63	\$199,976.63		\$16,842.35	
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
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
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
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)	\$25,000.00	\$25,000.00	N/A	\$2,173.50	N/A
Non-zoning permits	\$25,000.00	\$25,000.00	N/A	N/A	N/A
MVPD Notification of Channel Change	\$2,000.00	\$2,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	\$10,000.00	\$10,000.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
Sub-total	\$200,531.63	\$199,976.63	N/A	\$16,842.35	N/A
Total for all systems	\$9,881,357.43	\$7,729,814.61	N/A	\$4,083,998.36	N/A

Components

Actual Information Description	File Name
Local Zoning	Information not provided.
DTV Medical Facility Notification	Information not provided.

	Commonant Descriptions	WCWJ Interim
	Component Description:	
		Dumpster, Storage Plywood & Parallel
		RC Interface
		(Quote & Invoices)
	Amount:	\$878.25
	Amount.	ψ010.25
	Component Description:	WCWJ R&S inv
		#9500083890
		Interim Electrical
		sales tax
		UL20180731jgv1
	Amount:	\$7,145.50
STL System	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:	\$5,650.00

Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description:	WCWJ Interim Dumpster, Storage,	
		Plywood & Parallel RC Interface	
		(Quote & Invoices)	
	Amount:	\$1,050.00	
	Component Description:	WCWJ R&S inv #9500083843	
		Dumpster	
		UL20180725jgv1	
	Amount:	\$1,123.50	
Non-zoning permits	Information not provided.		
MVPD Notification of Channel Change	Information not provided.		
Develop and air announcement of upcoming channel change	Information not provided.		
FCC Filing Fees - Special Temporary Authorization request	Information not provided.		

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$9,881,357.43	\$7,729,814.61	\$4,083,998.36

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

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. William T.
Godfrey ,
Jr. .
Consulting
Engineers

04/07/2019

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. William T.
Godfrey,
Jr..
Consulting
Engineers

04/07/2019

Attachments