



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **53116** | Service: **DTV** | Call **WJXT** | Channel: **18 (UHF)** |
ID: | Sign:
File **0000027951**
Number:
FRN: **0002161107** | Date **01/18**
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 Information

Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email
William T Godfrey , Jr. . <i>Consulting Engineers Kessler and Gehman Associates, Inc.</i>	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
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		Replace the transmitter, antenna and transmission line. Analyze and modify 222-F candelabra tower. WJXT tower at capacity. Operate interim facility at alternate-site. Share main antenna and transmission line with WCWJ.

Transmitters

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

**Primary
Transmitter**

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	Sigma CD3200P2
	Year	2008
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	42 kW

**Primary
Transmitter**

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	THU9EVO- 24
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	37.0 kW
	Justification for New Transmitter	ERP: 550 kW RMS Gain: 18.8 Azimuth Gain: 1.38 TX Line Loss: 0.814 Mask Filter Loss: 0.931 Combiner Loss: 0.933 H-pol Only TPO: 30.0 kW (THU9EVO- 20) 1 Step Up: THU9EVO- 24 Upgrade: THU9EVO- 36

**Primary
Transmitter**

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	300 kVA
	Rigid Conduit and Wiring	Yes
	Size	3 inches
	Length	500.0 feet
	Other Electrical Service	Yes
	Description	Remove beam supplies and install new transformers.
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Type	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 leasehold improvement?	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
50 kW Reject Load	Outside heat exchanger kit: \$4,812.50. See Rohde & Schwarz quote.
8-Pole Mask Filter	WJXT-D18 is located less than 1 km from WJAX-D19 (1st adjacent stations).
Switch	Switch to Combiner Interconnect 8-3/16" 75 ohm.
Standby Exciter and Switch	Standby Exciter with Automatic Change Over Switch.
Electrical	Electrical for new WJXT Main Transmitter installation & operation

**Interim
Transmitter**

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Interim
	Description of Use	N/A
	Change Type	Purchase
	Manufacturer	
	Model	THU9EVO-36
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	55.0 kW
	Justification for New Transmitter	No space on tower to support an interim antenna. ERP: 976 kW. RMS Gain: 20.0 (multiplier) Azimuth Gain: 1.66 (multiplier) TX Line /Elbow Efficiency: 0.591 Mask Filter Efficiency: 0.931 H-pol only TPO: 53.4 kW Required TX: THU9EVO-36

**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	Additional services required to install new transmitter at alternate site (see attached quotes for monthly lease expenses; transmitter building costs; and electrical services costs).
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Type	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 leasehold 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?	Yes

**Interim
Transmitter**

Other Transmitter Cost Not Listed

Name	Description
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.
Back-up Generator	A temporary generator is required at the interim site while the main site is built-out.
Required Extra Glycose	Extra glycose and hose accessories kit - 30 meters.
Transmitter Interconnect	TX output to container in antenna interconnect kit 6-50: \$9,600. See Rohde & Schwarz quote.
Additional RF Components	Required to split cabinets in order to meet spacing requirements in transmitter building.
Cooling Pumps Stacking Kit	Required to meet spacing requirements in transmitter building.

Antennas

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

**Primary
Antenna**

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	Yes
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels	N/A
	Design power capacity in use	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	976.0 kW

Manufacturer	
Model	TFU-30GTH 06
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 Manufacturer and Types	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Top
	Polarization	Elliptical
	Type	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	40.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	670.0 kW
	Manufacturer	
	Model	TFU-24GTH /VP-R TC O6SP

Year	2018
Justification for New Antenna	Existing main antenna is a top-mount (candelabra) slot which cannot accommodate the post-auction channel. The proposed antenna is a broadband slot that will be shared with the WCWJ "unable to construct" post-auction facility; therefore, no upgrade costs.

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Type	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
18
20

Primary Antenna

Other Antenna Cost Not Listed

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

**Interim
Antenna**

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna Manufacturer and Type	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Broadband Slot
	Number of Stations Supported	1
	Number of Panels/Bays	24
	Lower Limit	638.00 MHz
	Upper Limit	644.00 MHz
	Design power capacity in use	100.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	976.0 kW
	Manufacturer	
	Model	TFU-24WB C160
	Year	2018

Justification for New Antenna	An interim antenna is necessary to keep station on air during primary antenna replacement & for duration of assigned phase. Interim facility will be located at an alternate site. The TFU-24WB cost is equivalent to a single-channel interim antenna.
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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?	B
	Feed Line Size	7 3/16 inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an antenna?	Yes
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
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: \$5,400

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?	Yes
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna Manufacturer and Type	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Broadband Slot
	Number of Stations Supported	2
	Number of Panels/Bays	8
	Lower Limit	195.00 MHz
	Upper Limit	213.00 MHz
	Design power capacity in use	100.0 %

Other Antenna Type	N/A
ERP: (Effective Radiated Power)	82.8 kW
Manufacturer	
Model	TLSV-8BB
Year	2018
Justification for New Antenna	The WTLV and WJXX VHF stations share an antenna on the candelabra and require an interim antenna during the WJXT /WCWJ repack in order to remain on the air as required in the lease agreement. The ERP above combines ERPs for WTLV /WJXX since shared.

Interim Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Type	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?	B
	Feed Line Size	4 1/16 inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an antenna?	Yes
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Enter a list of RF channel numbers.

RF Channel Number
10
13

Interim Antenna

Other Antenna Cost Not Listed

Name	Description
Shipping	Shipping costs: \$5,400
Additional Parts	Additional Installation Parts Inside Transmitter Building to Complete Antenna System

Transmission Line

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

**Primary
Transmission Line**

Existing Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	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 Line Manufacturer and Type	Manufacturer	
	Type	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	1155 feet per run

Primary
Transmission Line

New Transmission 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
	Type	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.
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Primary Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Shipping	Shipping Cost: \$5,400

Interim
Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	Rigid
	Diameter	4 1/16 inches
	Segment Length	Broadband
	Other Segment Length	
	Number of parallel runs	1
	Length	775 feet per run
	Justification for New Transmission Line	New broadband 4-1/16" rigid line is needed in order for the WJXX and WTLV full-service VHF facilities to operate as interim facilities during the repack build-out. This is a contractual obligation.

Interim
Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

**Interim
Transmission Line**

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	Rigid
	Diameter	7 3/16 inches
	Segment Length	Broadband
	Other Segment Length	
	Number of parallel runs	1
	Length	1075 feet per run
	Justification for New Transmission Line	An interim transmission line is necessary to keep the pre-auction station on the air during the primary antenna replacement and for the duration of the assigned phase. The Interim facility must be at an alternate site since the WJXT tower is fully loaded.

Interim	Other Transmission Line Expenses Not Listed
Transmission Line	Information not provided.

**Tower
Equipment
And
Rigging
Costs**

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

**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 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 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 side-mount interim antenna, TX line and STL for up to 6 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.

Primary Tower

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	Candelabra
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	Yes
	Is tower documented for structural analysis?	No
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	No
	ASR Number	
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	30° 16' 25.0" N-
	Longitude (NAD83)	081° 33' 12.0" W-
	Overall Structure Height	303.70 feet
	Support Structure Height	268.90 feet
	Ground Elevation Above Mean Sea Level (AMSL)	15.20 feet
	Structure Type	TOWER - Free Standing or Guyed Structure

	Tower Owner	First Coast Tower Group
	Date Constructed	01/01/1985

**FM, AM or TV radio
broadcasters. Facility ID's,
Call Signs and Services of
other broadcast stations with
whom the tower is shared**

Facility ID	Call Sign	Service
11893	WJXX	DTV
65046	WTLV	DTV

Other Types of Users

Users
Two-way users

Primary Tower

Tower Modification Costs

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

Primary Tower

Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	Candelabra

Helicopter Services Required	Are helicopter services required?	Yes
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**Primary
Tower**

Other Tower Expenses Not Listed

Name	Description
Foundation Expansion	Geotechnical findings indicate existing foundation loading design is not adequate to support the post-transition loads.
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	ASR is 1017604. The tower owner name was flagged by this application when it pre-filled so we had to manually enter. FAA & ASR required as a result of changing the top-mount antenna.

**Outside
Professional Services Costs**

Section	Question	Response
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	Yes
	Environmental Assessment	Yes
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	Negotiation of Lease and other Matter for Shared Locations	Yes
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	Yes
	Additional Field Engineering Service	Yes

	Number of Days	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 Services Costs

Other Professional Services Expenses Not Listed

Name	Description
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 WCWJ).
Other Legal Services	Other Legal Services related to the DTV Repack
Topographic Survey	Required for new interim transmitter building container (shared cost with WCWJ).
Environmental Impact Study	Study conducted due to presence of visible mold in existing interim building. Building determined to be uninhabitable (shared cost with WCWJ).

Geotechnical Report	Required for new interim transmitter building container (shared cost with WCWJ).
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 WCWJ).
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 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 6 months. Receiver, waveguide, licensing, etc. required for interim STL. See attached STL quotes.
Sales Tax	Sales Tax

Cost Information

Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmitter THU9EVO-36	\$2,911,476.47	\$2,416,211.47		\$1,907,375.09	
Other -- Building Addition Size: 450.0	<i>\$433,897.47</i>	\$433,897.47	Attached letter from InSite Tower (interim tower) states new building must be provided. Attached quotes equate to \$387,385.47 (\$65,585/2 + \$13,800/2 + \$64,347/2 + 93,024/2 + 315,519.47).	\$392,903.94	N/A
Split Configuration	<i>\$66,927.50</i>	\$66,927.50	Required to fit 4-cabinet transmitter into a 53x10 container. See attached Rohde & Schwarz Quote Number 802-053514.0.	N/A	N/A

UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	\$1,788,000.00	\$1,302,400.00	See attached Rohde & Schwarz quote. See justification box in transmitter section for TPO calculations and transmitter selection justification. \$1,195,300 (Quote #802-047525.2) + \$107,100 (Quote #107788.0 RF System - waiting on an invoice) = \$1,302,400.00	\$1,243,518.09	N/A
Cooling Pumps Stacking Kit	\$2,500.00	\$2,500.00	Required to meet space requirements in interim transmitter container (building). See Rohde & Schwarz quotes for WJXT 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 WJXT interim transmitter.	\$14,239.56	N/A
Transmitter Interconnect	\$9,600.00	\$9,600.00	See attached Rohde & Schwarz quote	N/A	N/A
Required Extra Glycose	\$12,000.00	\$12,000.00	See Rohde & Schwarz quote for WJXT interim transmitter.	N/A	N/A
Back-up Generator	\$132,500.00	\$132,500.00	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
UHF inside RF system including switching	\$147,500.00	\$143,500.00	N/A	N/A	N/A

10 Ton system	\$38,900.00	\$36,935.00	N/A	\$36,935.00	N/A
Other Electrical Service: Additional services required to install new transmitter at alternate site (see attached quotes for monthly lease expenses; transmitter building costs; and electrical services costs).	\$124,989.00	\$124,989.00	Diamond Electric services was retained by Dermac Group in order to to provide required service to new interim building (container). Dermac Group is a sub for Rohde & Schwarz.. See attached Quote (Quote Number: 116131.0)	\$124,989.00	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$26,000.00	\$25,000.00	N/A	N/A	N/A
Transformer 3 phase /480v - 500 KVA	\$48,400.00	\$47,100.00	N/A	\$5,559.50	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$37,150.00	N/A	\$29,700.00	N/A
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$14,050.00	N/A	N/A	N/A
50 kW Reject Load	\$10,112.50	\$10,112.50	See attached Rohde & Schwarz quote	N/A	N/A

Primary Transmitter THU9EVO-24	\$2,126,412.50	\$1,619,189.15		\$995,626.65	
Electrical	\$279,000.00	\$279,000.00	See attached Rohde & Schwarz Quote (Quote No. 155472.0)	N/A	N/A
Other -- Building Addition Size: 900.0	\$50,000.00	\$50,000.00	Shared with WCWJ - waiting on quotes	N/A	N/A
Switch	\$30,000.00	\$30,000.00	N/A	N/A	N/A
8-Pole Mask Filter	\$99,700.00	\$99,700.00	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
Other Electrical Service: Remove beam supplies and install new transformers.	\$25,000.00	\$25,000.00	N/A	N/A	N/A

UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$995,626.65	See attached Rohde & Schwarz quote (Quote Number 802-044377.3) and attached Invoice for Taxes (Invoice Number 9500092010). \$935,000.00 for transmitter + \$60,626.65 for Taxes = \$995,626.65.	\$995,626.65	N/A
10 Ton system	\$38,900.00	\$37,900.00	N/A	N/A	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$26,000.00	\$25,000.00	N/A	N/A	N/A
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$10,000.00	See attached Rohde & Schwarz quote.	N/A	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$37,150.00	N/A	N/A	N/A
Standby Exciter and Switch	\$25,000.00	\$25,000.00	N/A	N/A	N/A
Sub-total	\$5,037,888.97	\$4,035,400.62	N/A	\$2,903,001.74	N/A
Total for all systems	\$9,176,395.71	\$7,020,417.81	N/A	\$4,246,340.08	N/A

Components

Actual Information	
Description	File Name

Other -- Building Addition Size: 450.0	<div> Component Description: WJXT INT Container Scherer Construction Final 10% plus Change Order Invoice (Shared) </div> <div> Amount: \$12,377.50 </div>
	<div> Component Description: WJXT Interim Container Scherer Construction 90% Invoice (Shared) </div> <div> Amount: \$46,512.00 </div>
	<div> Component Description: WJXT Interim Site Build-out /Construction (see attached Rohde & Schwarz quote /invoice) </div> <div> Amount: \$315,519.47 </div>
	<div> Component Description: Osborn inv #28314 Prof srvcs 180224 - 180330 UL20181109jgv1 </div> <div> Amount: \$18,494.97 </div>
Split Configuration	Information not provided.

UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	<table> <tr> <td data-bbox="692 174 1007 210">Component Description:</td><td data-bbox="1139 174 1342 286">WJXT Interim Transmitter (NET 30 Payment)</td></tr> <tr> <td data-bbox="692 297 807 333">Amount:</td><td data-bbox="1139 297 1286 333">\$923,518.09</td></tr> <tr> <td data-bbox="692 434 1007 470">Component Description:</td><td data-bbox="1139 434 1374 748">WJXT-DT Channel 42 Interim Transmitter (Initial 25% Payment). See attached Cover Letter with Rohde & Schwarz Invoice and Quote.</td></tr> <tr> <td data-bbox="692 759 807 795">Amount:</td><td data-bbox="1139 759 1286 795">\$320,000.00</td></tr> </table>	Component Description:	WJXT Interim Transmitter (NET 30 Payment)	Amount:	\$923,518.09	Component Description:	WJXT-DT Channel 42 Interim Transmitter (Initial 25% Payment). See attached Cover Letter with Rohde & Schwarz Invoice and Quote.	Amount:	\$320,000.00
Component Description:	WJXT Interim Transmitter (NET 30 Payment)								
Amount:	\$923,518.09								
Component Description:	WJXT-DT Channel 42 Interim Transmitter (Initial 25% Payment). See attached Cover Letter with Rohde & Schwarz Invoice and Quote.								
Amount:	\$320,000.00								
Cooling Pumps Stacking Kit	Information not provided.								
Additional RF Components	<table> <tr> <td data-bbox="692 1039 1007 1075">Component Description:</td><td data-bbox="1139 1039 1337 1196">WJXT R&S inv #9500083874 Interim Elbow UL20180809jgv1</td></tr> <tr> <td data-bbox="692 1207 807 1243">Amount:</td><td data-bbox="1139 1207 1270 1243">\$14,239.56</td></tr> </table>	Component Description:	WJXT R&S inv #9500083874 Interim Elbow UL20180809jgv1	Amount:	\$14,239.56				
Component Description:	WJXT R&S inv #9500083874 Interim Elbow UL20180809jgv1								
Amount:	\$14,239.56								
Transmitter Interconnect	Information not provided.								
Required Extra Glycose	Information not provided.								

Back-up Generator	<div data-bbox="699 174 1340 443"> <p>Component Description: WJXT R&S inv #9500083892 Interim Electrical temporary generator UL20180807jgv1</p> <p>Amount: \$9,155.00</p> </div> <div data-bbox="699 555 1362 824"> <p>Component Description: Diesel Serv-Supp inv #110000051 Backup Generator UL20180905jgv1 50% to WJXT 50% to WCWJ</p> <p>Amount: \$50,375.00</p> </div>
UHF inside RF system including switching	Information not provided.
10 Ton system	<div data-bbox="699 1077 1369 1346"> <p>Component Description: WJXT Interim HVAC Electrical Installation (see attached quote and invoice from Rohde & Schwarz)</p> <p>Amount: \$36,935.00</p> </div>

<p>Other Electrical Service: Additional services required to install new transmitter at alternate site (see attached quotes for monthly lease expenses; transmitter building costs; and electrical services costs).</p>	<table> <tr> <td data-bbox="699 100 1114 436"> <p>Component Description:</p> <p>Amount:</p> </td><td data-bbox="1137 100 1428 436"> <p>WJXT R&S inv #9500083846 Interim Main Panel UL20180807jgv1 \$9,484.00</p> </td></tr> <tr> <td data-bbox="699 448 1114 784"> <p>Component Description:</p> <p>Amount:</p> </td><td data-bbox="1137 448 1428 784"> <p>HVAC Electrical work required for WJXT Interim Facility. See attached quote and invoice. \$36,935.00</p> </td></tr> <tr> <td data-bbox="699 795 1114 1142"> <p>Component Description:</p> <p>Amount:</p> </td><td data-bbox="1137 795 1428 1142"> <p>WJXT R&S inv #9500083892 Interim Electrical installation UL20180807jgv1 \$78,570.00</p> </td></tr> </table>	<p>Component Description:</p> <p>Amount:</p>	<p>WJXT R&S inv #9500083846 Interim Main Panel UL20180807jgv1 \$9,484.00</p>	<p>Component Description:</p> <p>Amount:</p>	<p>HVAC Electrical work required for WJXT Interim Facility. See attached quote and invoice. \$36,935.00</p>	<p>Component Description:</p> <p>Amount:</p>	<p>WJXT R&S inv #9500083892 Interim Electrical installation UL20180807jgv1 \$78,570.00</p>
<p>Component Description:</p> <p>Amount:</p>	<p>WJXT R&S inv #9500083846 Interim Main Panel UL20180807jgv1 \$9,484.00</p>						
<p>Component Description:</p> <p>Amount:</p>	<p>HVAC Electrical work required for WJXT Interim Facility. See attached quote and invoice. \$36,935.00</p>						
<p>Component Description:</p> <p>Amount:</p>	<p>WJXT R&S inv #9500083892 Interim Electrical installation UL20180807jgv1 \$78,570.00</p>						
<p>3" Rigid Conduit and Wiring (Cost per foot)</p>	<p>Information not provided.</p>						
<p>Transformer 3 phase/480v - 500 KVA</p>	<table> <tr> <td data-bbox="699 1265 1114 1702"> <p>Component Description:</p> <p>Amount:</p> </td><td data-bbox="1137 1265 1428 1702"> <p>Coffman Elec inv #131850E Automatic Transfer Switch UL20180905jgv1 50% to WJXT 50% to WCWJ \$5,559.50</p> </td></tr> </table>	<p>Component Description:</p> <p>Amount:</p>	<p>Coffman Elec inv #131850E Automatic Transfer Switch UL20180905jgv1 50% to WJXT 50% to WCWJ \$5,559.50</p>				
<p>Component Description:</p> <p>Amount:</p>	<p>Coffman Elec inv #131850E Automatic Transfer Switch UL20180905jgv1 50% to WJXT 50% to WCWJ \$5,559.50</p>						
<p>Switchgear - industrial 800 amp</p>	<table> <tr> <td data-bbox="699 1713 1114 2074"> <p>Component Description:</p> <p>Amount:</p> </td><td data-bbox="1137 1713 1428 2074"> <p>WJXT R&S inv #9500083892 Interim Electrical switchgear UL20180807jgv1 \$29,700.00</p> </td></tr> </table>	<p>Component Description:</p> <p>Amount:</p>	<p>WJXT R&S inv #9500083892 Interim Electrical switchgear UL20180807jgv1 \$29,700.00</p>				
<p>Component Description:</p> <p>Amount:</p>	<p>WJXT R&S inv #9500083892 Interim Electrical switchgear UL20180807jgv1 \$29,700.00</p>						

Service entrance 3 phase /800 amp/208 volt	Information not provided.
50 kW Reject Load	Information not provided.
Electrical	Information not provided.
Other -- Building Addition Size: 900.0	Information not provided.
Switch	Information not provided.
8-Pole Mask Filter	Information not provided.
50 kW Reject Load	Information not provided.
Other Electrical Service: Remove beam supplies and install new transformers.	Information not provided.

UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	Component Description: Amount:	Florida Tax Reimbursement for WJXT Main Transmitter \$60,626.65
	Component Description: Amount:	25% Final Reimbursement Payment for WJXT Main Transmitter minus \$40,000 upgrade cost. \$233,750.00
	Component Description: Amount:	50% Reimbursement Payment for WJXT Main Transmitter minus \$40,000 upgrade cost. \$467,500.00
	Component Description: Amount:	R&S inv #9500076213 Main TX UL20181113jgv1 \$233,750.00
10 Ton system	Information not provided.	
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	
Transformer 3 phase/480v - 300 KVA	Information not provided.	
Switchgear - industrial 800 amp	Information not provided.	
Standby Exciter and Switch	Information not provided.	

Cost
Information

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Antenna TFU-24WB C160	\$217,870.00	\$210,184.00		\$179,697.60	
Shipping	<i>\$5,400.00</i>	\$5,400.00	N/A	N/A	N/A
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,120.00	N/A	N/A	N/A
UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 976 kW input, directional,, elliptically or circularly polarized	<i>\$160,480.00</i>	\$160,480.00	See attached Dielectric Quote	\$144,432.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$5,760.00	N/A

Elbow complex, broadband, at antenna input, per 7 3/16. feedline (if needed)	\$16,850.00	\$15,264.00	See attached Dielectric Quote	\$13,737.60	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$17,520.00	See attached Dielectric Quote	\$15,768.00	N/A
Interim Antenna TLSV-8BB	\$210,567.86	\$185,537.86		\$117,470.38	
Additional Parts	\$16,850.36	\$16,850.36	See attached Rohde & Schwarz Quote No. 117708.2 and Invoice No. 9500086410 for additional parts needed inside transmitter room in order to connect horizontal run of transmission line to existing RF System.	\$16,850.36	N/A
Shipping	\$5,400.00	\$5,400.00	N/A	N/A	N/A

Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$2,700.00	See lease agreement for WTLV and WJXX with respect to reimbursement for interim VHF antenna. See attached Dielectric Quote.	\$2,430.00	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$5,760.00	See lease agreement for WTLV and WJXX with respect to reimbursement for interim VHF antenna. See attached Dielectric Quote.	\$5,184.00	N/A
Elbow complex, broadband, at antenna input, per 4 1/16. feedline (if needed)	\$10,950.00	\$10,400.00	See lease agreement for WTLV and WJXX with respect to reimbursement for interim VHF antenna.	N/A	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$80,000.00	See lease agreement for WTLV and WJXX with respect to reimbursement for interim VHF antenna.	\$29,218.52	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	See lease agreement for WTLV and WJXX with respect to reimbursement for interim VHF antenna.	\$5,760.00	N/A

UHF - High Power, Side Mount, basic slot antenna, 8 bay,, 83 kW input, directional,, horizontally polarized	\$58,027.50	\$58,027.50	See lease agreement for WTLV and WJXX with respect to reimbursement for interim VHF antenna. See attached Dielectric Quote.	\$58,027.50	N/A
Primary Antenna TFU-24GTH /VP-R TC O6SP	\$385,393.50	\$327,593.50		\$224,925.97	
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 WCWJ, therefore, cost for WJXT 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 expense with WCWJ	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$3,200.00	Shared expense with WCWJ	\$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 WCWJ, therefore, cost for WJXT is \$175,046.50. See attached Dielectric Quote.	\$145,121.85	N/A

Extension Pole	\$76,315.00	\$76,315.00	Cost: \$152,630; however, it is shared cost with WCWJ, therefore, cost for WJXT is \$76,315. See attached Dielectric Quote.	\$55,437.52	N/A
Shipping	\$4,900.00	\$4,900.00	Cost: \$9,800; however, it is shared cost with WCWJ therefore, cost for WJXT is \$4,900. See attached Dielectric Quote.	N/A	N/A
Antenna adapter	\$19,252.00	\$19,252.00	Cost: \$21,472; however, it is shared cost with WCWJ, therefore, cost for WJXT 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
Sub-total	\$813,831.36	\$723,315.36	N/A	\$522,093.95	N/A
Total for all systems	\$9,176,395.71	\$7,020,417.81	N/A	\$4,246,340.08	N/A

Components

Actual Information	
Description	File Name
Shipping	Information not provided.
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.
UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 976 kW input, directional,, elliptically or circularly polarized	<div> <div> Component Description: </div> <div> Inv MAN00267 WJXT Interim TX ant 45% down payment UL20180503jgv1 </div> </div> <div> <div> Amount: </div> <div> \$72,216.00 </div> </div> <div> <div> Component Description: </div> <div> WJXT Interim Antenna (Second 45% Payment) </div> </div> <div> <div> Amount: </div> <div> \$72,216.00 </div> </div>
Sweep test of existing antenna	<div> <div> Component Description: </div> <div> WJXT Interim Antenna (Second 45% Payment) </div> </div> <div> <div> Amount: </div> <div> \$2,880.00 </div> </div> <div> <div> Component Description: </div> <div> Inv MAN00267 WJXT Interim sweep 45% down payment UL20180503jgv1 </div> </div> <div> <div> Amount: </div> <div> \$2,880.00 </div> </div>

<p>Elbow complex, broadband, at antenna input, per 7 3/16. feedline (if needed)</p>	<table> <tr> <td data-bbox="692 103 1114 300"> <p>Component Description:</p> <p>Amount:</p> </td><td data-bbox="1114 103 1428 300"> <p>WJXT Interim Antenna (Second 45% Payment)</p> <p>\$6,868.80</p> </td></tr> <tr> <td data-bbox="692 300 1114 725"> <p>Component Description:</p> <p>Amount:</p> </td><td data-bbox="1114 300 1428 725"> <p>Inv MAN00267 WJXT Interim elbow complex 45% down payment UL20180503jgv1</p> <p>\$6,868.80</p> </td></tr> </table>	<p>Component Description:</p> <p>Amount:</p>	<p>WJXT Interim Antenna (Second 45% Payment)</p> <p>\$6,868.80</p>	<p>Component Description:</p> <p>Amount:</p>	<p>Inv MAN00267 WJXT Interim elbow complex 45% down payment UL20180503jgv1</p> <p>\$6,868.80</p>
<p>Component Description:</p> <p>Amount:</p>	<p>WJXT Interim Antenna (Second 45% Payment)</p> <p>\$6,868.80</p>				
<p>Component Description:</p> <p>Amount:</p>	<p>Inv MAN00267 WJXT Interim elbow complex 45% down payment UL20180503jgv1</p> <p>\$6,868.80</p>				
<p>Side mount brackets for high power antennas (if not included in antenna base cost)</p>	<table> <tr> <td data-bbox="692 725 1114 972"> <p>Component Description:</p> <p>Amount:</p> </td><td data-bbox="1114 725 1428 972"> <p>WJXT Interim Antenna (Second 45% Payment)</p> <p>\$7,884.00</p> </td></tr> <tr> <td data-bbox="692 972 1114 1352"> <p>Component Description:</p> <p>Amount:</p> </td><td data-bbox="1114 972 1428 1352"> <p>Inv MAN00267 WJXT Interim TX antenna mount 45% down payment UL20180503jgv1</p> <p>\$7,884.00</p> </td></tr> </table>	<p>Component Description:</p> <p>Amount:</p>	<p>WJXT Interim Antenna (Second 45% Payment)</p> <p>\$7,884.00</p>	<p>Component Description:</p> <p>Amount:</p>	<p>Inv MAN00267 WJXT Interim TX antenna mount 45% down payment UL20180503jgv1</p> <p>\$7,884.00</p>
<p>Component Description:</p> <p>Amount:</p>	<p>WJXT Interim Antenna (Second 45% Payment)</p> <p>\$7,884.00</p>				
<p>Component Description:</p> <p>Amount:</p>	<p>Inv MAN00267 WJXT Interim TX antenna mount 45% down payment UL20180503jgv1</p> <p>\$7,884.00</p>				
<p>Additional Parts</p>	<table> <tr> <td data-bbox="692 1352 1114 1688"> <p>Component Description:</p> <p>Amount:</p> </td><td data-bbox="1114 1352 1428 1688"> <p>WJXT Main (TEGNA) Additional Parts (NET30 Payment)</p> <p>\$16,850.36</p> </td></tr> </table>	<p>Component Description:</p> <p>Amount:</p>	<p>WJXT Main (TEGNA) Additional Parts (NET30 Payment)</p> <p>\$16,850.36</p>		
<p>Component Description:</p> <p>Amount:</p>	<p>WJXT Main (TEGNA) Additional Parts (NET30 Payment)</p> <p>\$16,850.36</p>				
<p>Shipping</p>	<p>Information not provided.</p>				

<p>Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)</p>	<table> <tr> <td data-bbox="699 176 1007 210">Component Description:</td><td data-bbox="1139 176 1374 367"> Inv MAN00318 WJXT Int WJXX WTLV patter scatter analysis 45 percent pmt 1 UL20180613jgv1 </td></tr> <tr> <td data-bbox="699 416 807 450">Amount:</td><td data-bbox="1139 416 1257 450">\$1,215.00</td></tr> <tr> <td data-bbox="699 555 1007 589">Component Description:</td><td data-bbox="1139 555 1358 745"> Inv MAN00319 WJXT Int WJXX WTLV pattern scatter analysis 45 percent pmt 2 UL20180613jgv1 </td></tr> <tr> <td data-bbox="699 795 807 828">Amount:</td><td data-bbox="1139 795 1257 828">\$1,215.00</td></tr> </table>	Component Description:	Inv MAN00318 WJXT Int WJXX WTLV patter scatter analysis 45 percent pmt 1 UL20180613jgv1	Amount:	\$1,215.00	Component Description:	Inv MAN00319 WJXT Int WJXX WTLV pattern scatter analysis 45 percent pmt 2 UL20180613jgv1	Amount:	\$1,215.00
Component Description:	Inv MAN00318 WJXT Int WJXX WTLV patter scatter analysis 45 percent pmt 1 UL20180613jgv1								
Amount:	\$1,215.00								
Component Description:	Inv MAN00319 WJXT Int WJXX WTLV pattern scatter analysis 45 percent pmt 2 UL20180613jgv1								
Amount:	\$1,215.00								
<p>Side mount brackets for high power antennas (if not included in antenna base cost)</p>	<table> <tr> <td data-bbox="699 965 1007 999">Component Description:</td><td data-bbox="1139 965 1347 1155"> Inv MAN00318 WJXT Int WJXX WTLV side brckts 45 percent pmt 1 UL20180613jgv1 </td></tr> <tr> <td data-bbox="699 1167 807 1200">Amount:</td><td data-bbox="1139 1167 1257 1200">\$2,592.00</td></tr> <tr> <td data-bbox="699 1305 1007 1339">Component Description:</td><td data-bbox="1139 1305 1347 1496"> Inv MAN00319 WJXT Int WJXX WTLV side brckts 45 percent pmt 2 UL20180613jgv1 </td></tr> <tr> <td data-bbox="699 1507 807 1541">Amount:</td><td data-bbox="1139 1507 1257 1541">\$2,592.00</td></tr> </table>	Component Description:	Inv MAN00318 WJXT Int WJXX WTLV side brckts 45 percent pmt 1 UL20180613jgv1	Amount:	\$2,592.00	Component Description:	Inv MAN00319 WJXT Int WJXX WTLV side brckts 45 percent pmt 2 UL20180613jgv1	Amount:	\$2,592.00
Component Description:	Inv MAN00318 WJXT Int WJXX WTLV side brckts 45 percent pmt 1 UL20180613jgv1								
Amount:	\$2,592.00								
Component Description:	Inv MAN00319 WJXT Int WJXX WTLV side brckts 45 percent pmt 2 UL20180613jgv1								
Amount:	\$2,592.00								
<p>Elbow complex, broadband, at antenna input, per 4 1/16. feedline (if needed)</p>	<p>Information not provided.</p>								

New combiner, cost per channel (without antenna)	<table> <tr> <td data-bbox="687 98 1007 488">Component Description:</td><td data-bbox="1134 98 1426 488">R&S inv #9500085393 VHF interim install UL20181113jgv1 ... Contractual Agreement between Graham (licensee) & Tegna</td></tr> <tr> <td data-bbox="687 488 1007 584">Amount:</td><td data-bbox="1134 488 1426 584">\$16,850.36</td></tr> <tr> <td data-bbox="687 584 1007 974">Component Description:</td><td data-bbox="1134 584 1426 974">Inv MAN00319 WJXT Int WJXX WTLV switch 45 percent pmt 2 UL20180613jgv1</td></tr> <tr> <td data-bbox="687 974 1007 1070">Amount:</td><td data-bbox="1134 974 1426 1070">\$6,184.08</td></tr> <tr> <td data-bbox="687 1070 1007 1460">Component Description:</td><td data-bbox="1134 1070 1426 1460">Inv MAN00318 WJXT Int WJXX WTLV switch 45 percent pmt 1 UL20180613jgv1</td></tr> <tr> <td data-bbox="687 1460 1007 1556">Amount:</td><td data-bbox="1134 1460 1426 1556">\$6,184.08</td></tr> </table>	Component Description:	R&S inv #9500085393 VHF interim install UL20181113jgv1 ... Contractual Agreement between Graham (licensee) & Tegna	Amount:	\$16,850.36	Component Description:	Inv MAN00319 WJXT Int WJXX WTLV switch 45 percent pmt 2 UL20180613jgv1	Amount:	\$6,184.08	Component Description:	Inv MAN00318 WJXT Int WJXX WTLV switch 45 percent pmt 1 UL20180613jgv1	Amount:	\$6,184.08
Component Description:	R&S inv #9500085393 VHF interim install UL20181113jgv1 ... Contractual Agreement between Graham (licensee) & Tegna												
Amount:	\$16,850.36												
Component Description:	Inv MAN00319 WJXT Int WJXX WTLV switch 45 percent pmt 2 UL20180613jgv1												
Amount:	\$6,184.08												
Component Description:	Inv MAN00318 WJXT Int WJXX WTLV switch 45 percent pmt 1 UL20180613jgv1												
Amount:	\$6,184.08												
Sweep test of existing antenna	<table> <tr> <td data-bbox="687 1263 1007 1653">Component Description:</td><td data-bbox="1134 1263 1426 1653">Inv MAN00318 WJXT Int WJXX WTLV sweep 45 percent pmt 1 UL20180613jgv1</td></tr> <tr> <td data-bbox="687 1653 1007 1749">Amount:</td><td data-bbox="1134 1653 1426 1749">\$2,880.00</td></tr> <tr> <td data-bbox="687 1749 1007 2139">Component Description:</td><td data-bbox="1134 1749 1426 2139">Inv MAN00319 WJXT Int WJXX WTLV sweep 45 percent pmt 2 UL20180613jgv1</td></tr> <tr> <td data-bbox="687 2139 1007 2235">Amount:</td><td data-bbox="1134 2139 1426 2235">\$2,880.00</td></tr> </table>	Component Description:	Inv MAN00318 WJXT Int WJXX WTLV sweep 45 percent pmt 1 UL20180613jgv1	Amount:	\$2,880.00	Component Description:	Inv MAN00319 WJXT Int WJXX WTLV sweep 45 percent pmt 2 UL20180613jgv1	Amount:	\$2,880.00				
Component Description:	Inv MAN00318 WJXT Int WJXX WTLV sweep 45 percent pmt 1 UL20180613jgv1												
Amount:	\$2,880.00												
Component Description:	Inv MAN00319 WJXT Int WJXX WTLV sweep 45 percent pmt 2 UL20180613jgv1												
Amount:	\$2,880.00												

<p>UHF - High Power, Side Mount, basic slot antenna, 8 bay,, 83 kW input, directional,, horizontally polarized</p>	<table> <tr> <td data-bbox="697 174 1007 210">Component Description:</td><td data-bbox="1141 174 1374 286">ERI inv #WJXT-005 Antenna removal UL20181109jgv1</td></tr> <tr> <td data-bbox="697 297 807 333">Amount:</td><td data-bbox="1141 297 1259 333">\$5,850.00</td></tr> <tr> <td data-bbox="697 434 1007 470">Component Description:</td><td data-bbox="1141 434 1337 629">Inv MAN00318 WJXT Int WJXX WTLV ant 45 percent pmt 1 UL20180613jgv1</td></tr> <tr> <td data-bbox="697 640 807 676">Amount:</td><td data-bbox="1141 640 1275 676">\$26,088.75</td></tr> <tr> <td data-bbox="697 777 1007 813">Component Description:</td><td data-bbox="1141 777 1337 972">Inv MAN00319 WJXT Int WJXX WTLV ant 45 percent pmt 2 UL20180613jgv1</td></tr> <tr> <td data-bbox="697 983 807 1019">Amount:</td><td data-bbox="1141 983 1275 1019">\$26,088.75</td></tr> </table>	Component Description:	ERI inv #WJXT-005 Antenna removal UL20181109jgv1	Amount:	\$5,850.00	Component Description:	Inv MAN00318 WJXT Int WJXX WTLV ant 45 percent pmt 1 UL20180613jgv1	Amount:	\$26,088.75	Component Description:	Inv MAN00319 WJXT Int WJXX WTLV ant 45 percent pmt 2 UL20180613jgv1	Amount:	\$26,088.75
Component Description:	ERI inv #WJXT-005 Antenna removal UL20181109jgv1												
Amount:	\$5,850.00												
Component Description:	Inv MAN00318 WJXT Int WJXX WTLV ant 45 percent pmt 1 UL20180613jgv1												
Amount:	\$26,088.75												
Component Description:	Inv MAN00319 WJXT Int WJXX WTLV ant 45 percent pmt 2 UL20180613jgv1												
Amount:	\$26,088.75												
<p>Elbow complex, broadband, at antenna input, per 8 3/16. feedline (if needed)</p>	<table> <tr> <td data-bbox="697 1144 1007 1180">Component Description:</td><td data-bbox="1141 1144 1374 1256">Die inv #MAN00299 Elbow complex UL20181106jgv1</td></tr> <tr> <td data-bbox="697 1267 807 1303">Amount:</td><td data-bbox="1141 1267 1259 1303">\$3,996.00</td></tr> <tr> <td data-bbox="697 1404 1007 1440">Component Description:</td><td data-bbox="1141 1404 1337 1599">Inv MAN00214 WCWJ WJXT Elbow complex UL20180718jgv2</td></tr> <tr> <td data-bbox="697 1610 807 1646">Amount:</td><td data-bbox="1141 1610 1259 1646">\$3,996.00</td></tr> </table>	Component Description:	Die inv #MAN00299 Elbow complex UL20181106jgv1	Amount:	\$3,996.00	Component Description:	Inv MAN00214 WCWJ WJXT Elbow complex UL20180718jgv2	Amount:	\$3,996.00				
Component Description:	Die inv #MAN00299 Elbow complex UL20181106jgv1												
Amount:	\$3,996.00												
Component Description:	Inv MAN00214 WCWJ WJXT Elbow complex UL20180718jgv2												
Amount:	\$3,996.00												
<p>New combiner, cost per channel (without antenna)</p>	<p>Information not provided.</p>												

Sweep test of existing antenna	<div> <div> Component Description: Die inv #MAN00299 Sweep UL20181106jgv1 </div> <div> Amount: \$1,440.00 </div> </div> <div> <div> Component Description: Inv MAN00214 WCWJ WJXT Sweep UL20180718jgv2 </div> <div> Amount: \$1,440.00 </div> </div>
UHF - High Power Top Mount Two Station antenna elliptically or circularly polarized	<div> <div> Component Description: Die inv #MAN00299 Primary antenna UL20181106jgv1 </div> <div> Amount: \$72,560.92 </div> </div> <div> <div> Component Description: Inv MAN00214 WCWJ WJXT Primary antenna UL20180718jgv2 </div> <div> Amount: \$72,560.93 </div> </div>
Extension Pole	<div> <div> Component Description: Inv MAN00214 WCWJ WJXT Prim ant ext pole UL20180718jgv2 </div> <div> Amount: \$34,341.75 </div> </div> <div> <div> Component Description: Die inv #MAN00299 Prim ant ext pole UL20181106jgv1 </div> <div> Amount: \$21,095.77 </div> </div>
Shipping	Information not provided.

Antenna adapter	<div data-bbox="699 174 1375 327"> <p>Component Description: Die inv #MAN00299 Primary ant adapter UL20181106jgv1</p> <p>Amount: \$4,831.20</p> </div> <div data-bbox="699 434 1375 627"> <p>Component Description: Inv MAN00214 WCWJ WJXT Primary ant adapter UL20180718jgv2</p> <p>Amount: \$4,831.20</p> </div> <div data-bbox="699 734 1375 887"> <p>Component Description: Die inv #MAN00299 Primary ant adapter UL20181106jgv1</p> <p>Amount: \$3,832.20</p> </div>
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Cost Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmission Line	\$126,325.00	\$94,371.75		\$92,049.85	
Rigid Transmission Line - copper, 4 1/16" broadband	\$126,325.00	\$94,371.75	See Dielectric quote for WJXX and WTLV combined interim facilities.	\$92,049.85	N/A
Interim Transmission Line	\$357,975.00	\$207,304.50		\$200,814.09	
Rigid Transmission Line - copper, 7 3/16" broadband	\$357,975.00	\$207,304.50	See Dielectric quote for WJXT interim facility	\$200,814.09	N/A
Primary Transmission Line	\$465,745.00	\$161,956.20		\$137,893.01	
Shipping	<i>\$4,900.00</i>	\$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 Transmission Line - copper, 8 3 /16" broadband	\$460,845.00	\$157,056.20	Cost: \$291,274.40; however, it is shared cost with WCWJ, therefore, cost for WJXT 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
Sub-total	\$950,045.00	\$463,632.45	N/A	\$430,756.95	N/A
Total for all systems	\$9,176,395.71	\$7,020,417.81	N/A	\$4,246,340.08	N/A

Components

Actual Information	
Description	File Name

Rigid Transmission Line -
copper, 4 1/16" broadband

Component Description: Inv MAN00319
WJXT Int WJXX
WTLV line 45
percent pmt 2
UL20180613jgv1
Amount: \$37,882.91

Component Description: Die inv #180001
VHF rigid trans line
UL20181120jgv1
Amount: \$6,112.50

Component Description: Inv MAN00318
WJXT Int WJXX
WTLV line 45
percent pmt 1
UL20180613jgv1
Amount: \$37,882.91

Component Description: Inv MAN00318
WJXT Int WJXX
WTLV TLSCR 45
percent pmt 1
UL20180613jgv1
Amount: \$4,584.38

Component Description: Inv MAN00319
WJXT Int WJXX
WTLV TLSCR 45
percent pmt 2
UL20180613jgv1
Amount: \$4,584.38

Component Description: Die inv #180001
VHF rigid trans line
freight
UL20181120jgv1
Amount: \$1,002.77

Rigid Transmission Line - copper, 7 3/16" broadband	<div data-bbox="703 174 1350 488"> <p>Component Description: WJXT Interim Antenna (Second 45% Payment). 89,763.53 plus 3,523.50 for transmission line system.</p> <p>Amount: \$93,287.50</p> </div> <div data-bbox="703 595 1377 869"> <p>Component Description: Additional TX Line Parts for WJXT Interim Facility. Invoice includes tax (see attached quote & invoice)</p> <p>Amount: \$14,239.56</p> </div> <div data-bbox="703 976 1377 1205"> <p>Component Description: Inv MAN00267 WJXT Interim transmisson line 45% down payment UL20180503jgv1</p> <p>Amount: \$93,287.03</p> </div>
Shipping	Information not provided.

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

Component Description: Inv MAN00214
WCWJ WJXT
TLSCRs
UL20180718jgv2
Amount: \$1,792.80

Component Description: Inv MAN00214
WCWJ WJXT Feed
thru
UL20180718jgv2
Amount: \$5,138.55

Component Description: Die inv #MAN00299
Transmission line
UL20181106jgv1
Amount: \$61,296.17

Component Description: Inv MAN00214
WCWJ WJXT
Transmission line
UL20180718jgv2
Amount: \$63,743.94

Component Description: Die inv #MAN00299
TLSCRs
UL20181106jgv1
Amount: \$1,792.80

Component Description: Die inv #MAN00299
Feed thru
UL20181106jgv1
Amount: \$4,128.75

Cost Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower	\$998,442.00	\$658,526.00		\$367,296.29	
TOWER					
Tower Helicopter Lift	<i>\$1,000.00</i>	\$1,000.00	Cost of helicopter is in ERI Quote Number 20180123-851 Rev B for the main antenna installation. Graham Media Group paid the for initial Erickson survey for \$2,000 which is shared with WCWJ.	\$0.00	N/A
Foundation Expansion	<i>\$91,642.00</i>	\$91,642.00	Quote is for \$183,284. Shared expense with WCWJ; therefore WJXT cost is \$91642.	\$41,592.11	N/A

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$303,384.00	Actual costs: \$477,646 for main antenna install and \$64,561 for VHF interim antenna install (contractual obligation). Since main antenna is shared with WCWJ, the main antenna install cost for WJXT is \$238,823. Total cost is \$303,384 with VHF. See quotes.	\$284,382.04	N/A
Major tower reinforcement /modifications	\$421,000.00	\$200,000.00	Costs for WJXT tower mods are a shared expense with WCWJ.	\$36,103.39	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	\$5,218.75	N/A

Existing Tower	\$0.00	\$0.00	This is just a note to state that the tower has an ASR (ASRN 1017604). The tower owner name was flagged when the 399 automatically pre-filled the ASR information. Therefore, we manually entered the data.	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 WCWJ is \$37,500.	N/A	N/A
Auxiliary Tower TOWER	\$617,400.00	\$399,500.00		\$2,000.00	

Remove Interim Equipment	\$150,000.00	\$150,000.00	Interim tower must be rigged a second time after WJXT tower mods and main antenna installs are complete in order to have the interim antenna, interim line, STL dish and waveguide removed from tower and disposed.	N/A	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
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$12,500.00	Shared expense with WCWJ	N/A	N/A

Interim Tower Lease	\$60,000.00	\$60,000.00	See attached InSite Tower LLC quote. Costs are based on leasing space on the interim tower for 6 months at \$10,000 per month.	N/A	N/A
Tall Tower (greater than 500')	\$210,500.00	\$100,000.00	Shared expense with WCWJ	N/A	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$75,000.00	Shared cost with WCWJ	N/A	N/A
Sub-total	\$1,615,842.00	\$1,058,026.00	N/A	\$369,296.29	N/A
Total for all systems	\$9,176,395.71	\$7,020,417.81	N/A	\$4,246,340.08	N/A

Components

Actual Information	
Description	File Name
Tower Helicopter Lift	Information not provided.
Foundation Expansion	<div> <div> Component Description: Osborn inv #27338 Twr found eng 171125 - 171231 UL20181114jgv1 </div> <div> Amount: \$2,702.68 </div> </div> <div> <div> Component Description: Osborn inv #28225 Twr found eng 180127 - 180223 UL20181114jgv1 </div> <div> Amount: \$4,167.00 </div> </div>

Component Description:	Osborn inv #26797R Twr found eng 170930 - 171027 UL20181114jgv1
Amount:	\$10,372.60

Component Description:	Osborn inv #28313 Twr found eng 180224 - 180330 UL20181114jgv1
Amount:	N/A

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
Amount:	\$14,449.65

Component Description:	Osborn inv #27213 Twr found eng 171028 - 171125 UL20181114jgv1
Amount:	\$6,201.75

Component Description:	Matrax inv #2041 Mud mat rental UL20181112jgv1
Amount:	\$989.48

Component Description:	Osborn inv #29009 Twr found eng 180331 - 180427 UL20181114jgv1
Amount:	\$2,529.20

	Component Description: Osborn inv #27832 Twr found eng 180101 - 180126 UL20181114jgv1 Amount: \$109.95
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Component Description: WJXT Main Ant Installs (40% & 10% Shared Payment) Amount: \$111,960.88
	Component Description: WJXT Main Antenna Installs (50% Shared Payment) Amount: \$98,086.50
	Component Description: WJXT (Tegna) Installs (Change Order Payment) Amount: \$5,850.00
	Component Description: WJXT (Tegna) Installs (Final 50% Payment) Amount: \$36,204.16
	Component Description: ERI inv #WJXT-001 VHF interim ant and line UL20181113jgv1 Amount: \$32,280.50

Major tower reinforcement /modifications	<div> Component Description: WJXT Main Tower Mods (Final 50% Shared Payment)</div> <div> Amount: \$17,787.14</div>
	<div> Component Description: WJXT Main Tower Mods (50% Shared Payment)</div> <div> Amount: \$14,316.25</div>
	<div> Component Description: Inv 26318R WJXT Professional Services UL20180502jgv1</div> <div> Amount: \$298.20</div>
	<div> Component Description: Inv 26120R WJXT Professional Services UL20180503jgv1</div> <div> Amount: \$3,701.80</div>
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	<div> Component Description: Inv FL952GRA1422873 WCWJ Climbing Inspection UL20180605jgv2 50% to WCWJ 50% to WJXT</div> <div> Amount: \$1,531.25</div>
	<div> Component Description: Inv 947-05 Tower mapping UL20180712jgv2 50% to WJXT 50% to WCWJ</div> <div> Amount: \$3,687.50</div>
Existing Tower	Information not provided.

Helicopter Site Staging Requirement	Information not provided.
Remove Interim Equipment	Information not provided.
Structural engineering tower load study for well documented tower	<p>Component Description: Inv FL952GRARADIO Structural Analysis UL20180521jgv2 50% to WCWJ 50% to WJXT</p> <p>Amount: \$2,000.00</p>
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.
Tall Tower (greater than 500')	Information not provided.
Minor tower reinforcement /modifications	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 Cost Justification
Outside Professional Services	\$559,135.00	\$540,690.00		\$12,922.15	
Osborn Engineering Main Transmitter Facility	<i>\$8,590.00</i>	\$8,590.00	Shared cost with WCWJ.	N/A	N/A
Other Legal Services	<i>\$10,000.00</i>	\$10,000.00	Other Legal Services related to the DTV Repack	\$4,414.65	N/A
Osborn Engineering Examination of Interim Site	<i>\$51,710.00</i>	\$51,710.00	Shared cost with WCWJ. See attached Osborn Engineering quote.	N/A	N/A
Additional Field Engineering Service, 45 Days	<i>\$90,000.00</i>	\$90,000.00	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	\$2,050.00	N/A	N/A	N/A

ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,050.00	N/A	N/A	N/A
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	\$10,520.00	\$10,240.00	Soil issues from GEO report	N/A	N/A
NEPA Section 106 environmental review, if needed	\$6,310.00	\$6,140.00	Soil issues from GEO report	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,585.00	N/A	N/A	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,095.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,305.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,120.00	N/A	N/A	N/A

Prepare request for Special Temporary Authorization	\$2,050.00	\$1,535.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,535.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,070.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,170.00	N/A	N/A	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,560.00	N/A	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,560.00	N/A	N/A	N/A

Project management of the transition	\$134,300.00	\$130,900.00	Fewer Project Management "PM" tasks are required & Outside Engineering Services "OES" are required, therefore the PM total has been reduced to 850 hrs & a new OES category has been created & funded with the money removed from PM.	\$2,857.50	N/A
Topographic Survey	\$870.00	\$870.00	Shared cost with WCWJ	N/A	N/A
Environmental Impact Study	\$2,420.00	\$2,420.00	Shared cost with WCWJ	N/A	N/A
Geotechnical Report	\$2,035.00	\$2,035.00	Shared cost with WCWJ	N/A	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.	\$1,250.00	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$81,900.00	N/A	N/A	N/A
RF Exposure Measurements	\$21,050.00	\$10,250.00	Shared expense with WCWJ	\$4,400.00	N/A
Intermod Study at Interim Site	\$500.00	\$500.00	See attached InSite Tower LLC quote for required study. Shared cost with WCWJ.	N/A	N/A
Sub-total	\$559,135.00	\$540,690.00	N/A	\$12,922.15	N/A
Total for all systems	\$9,176,395.71	\$7,020,417.81	N/A	\$4,246,340.08	N/A

Components

Actual Information	
Description	File Name
Osborn Engineering Main Transmitter Facility	Information not provided.
Other Legal Services	<div> <div> Component Description: Amount: </div> <div> Covington inv #60790156 Various Legal UL20181023jgv1 \$62.10 </div> </div> <div> <div> Component Description: Amount: </div> <div> Covington inv #60816783 Various Legal UL20181030jgv1 \$192.60 </div> </div> <div> <div> Component Description: Amount: </div> <div> Covington inv #60780136 Various Legal UL20181022jgv1 \$247.50 </div> </div> <div> <div> Component Description: Amount: </div> <div> Covington inv #60780135 Various Legal UL20181019jgv1 \$762.97 </div> </div> <div> <div> Component Description: Amount: </div> <div> Covington inv #60812706 Various Legal UL20181024jgv1 \$378.10 </div> </div>

	<p>Component Description: Covington inv #60774445 Various Legal UL20181022jgv1</p> <p>Amount: \$2,621.91</p>
	<p>Component Description: Covington inv #60793199 Various Legal UL20181023jgv1</p> <p>Amount: \$149.47</p>
Osborn Engineering Examination of Interim Site	Information not provided.
Additional Field Engineering Service, 45 Days	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.
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	Information not provided.
NEPA Section 106 environmental review, if needed	Information not provided.
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.
Attorney Fees - Negotiation of lease and other matters for shared locations	Information not provided.

Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.
Prepare request for Special Temporary Authorization	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	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 and or review reimbursement form	Information not provided.

Project management of the transition	Component Description: Inv 947-30 WJXT PM 387 2017 Q4 UL20180621jgv1 Amount: \$300.00
	Component Description: Inv 947-31 WJXT PM 387 2017 Q4 UL20180531jgv2 Amount: \$300.00
	Component Description: Inv: WJXT Project Management UL20180227 50% to WJXT 50% to WCWJ Amount: \$2,257.50
	Component Description: KGA inv #947-107 Form 387 2018 Q3 UL20181109jgv1 Amount: \$300.00
Topographic Survey	Information not provided.
Environmental Impact Study	Information not provided.
Geotechnical Report	Information not provided.
Other Engineering Services	Component Description: KGA inv #947-76 Actual Cost Invs UL20181109jgv1 Amount: \$1,250.00
Comprehensive coverage verification via field study, if needed	Information not provided.

RF Exposure Measurements	<div> <div>Component Description:</div> <div>Inv: WJXT RF exposure study UL20180227</div> </div> <div> <div>Amount:</div> <div>\$4,400.00</div> </div>
Intermod Study at Interim Site	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).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$199,653.38	\$199,353.38		\$8,269.00	
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$195.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
Equipment Storage	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$10,000.00</i>	\$10,000.00	N/A	N/A	N/A
MVPD Notification of Channel Change	<i>\$2,000.00</i>	\$2,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,250.00	N/A	N/A	N/A
Local Zoning	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
Non-zoning permits	<i>\$25,000.00</i>	\$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	\$1,123.50	N/A
Sales Tax	\$7,145.50	\$7,145.50	Sales Tax	\$7,145.50	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 \$43,762.88.	N/A	N/A
Sub-total	\$199,653.38	\$199,353.38	N/A	\$8,269.00	N/A
Total for all systems	\$9,176,395.71	\$7,020,417.81	N/A	\$4,246,340.08	N/A

Components

Actual Information	
Description	File Name
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
Equipment Delivery and Handling Charges	Information not provided.
Equipment Storage	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.

MVPD Notification of Channel Change	Information not provided.
DTV Medical Facility Notification	Information not provided.
Local Zoning	Information not provided.
Non-zoning permits	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	<div> <div> Component Description: </div> <div> WJXT R&S inv #9500083845 Dumpster UL20180807jgv1 </div> </div> <div> <div> Amount: </div> <div> \$1,123.50 </div> </div>
Sales Tax	<div> <div> Component Description: </div> <div> WJXT R&S inv #9500083892 Interim Electrical sales tax UL20180807jgv1 </div> </div> <div> <div> Amount: </div> <div> \$7,145.50 </div> </div>
STL System	Information not provided.

**Cost
Information**

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$9,176,395.71	\$7,020,417.81	\$4,246,340.08

Reimbursement Status

Question	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	<p>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.</p>	
		<ol style="list-style-type: none"> 1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount. 	

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

8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.

**William T
Godfrey ,
Jr. .**
*Consulting
Engineers*

01/18/2019

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	<p>WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS 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 AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).</p>	
		<ol style="list-style-type: none"> 1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. 3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 	

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

<p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>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.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>William T Godfrey , Jr. . <i>Consulting Engineers</i></p> <p>01/18/2019</p>

Attachments