



(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 **11/12**  
Submitted: **/2019**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>GRAHAM MEDIA GROUP, FLORIDA. INC.</b> 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
<b>William T Godfrey , Jr. .</b> <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
<b>Transmitter Related Expenses</b>	Do you have transmitter related expenses?	Yes

**Primary  
Transmitter**

**Existing Transmitter Information**

<b>Section</b>	<b>Question</b>	<b>Response</b>
<b>Existing Transmitter Description</b>	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
<b>Existing Transmitter Manufacturer and Type</b>	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
<p><b>New Transmitter</b></p>	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	THU9EVO-36
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	55 kW
	Justification for New Transmitter	<p>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</p>

**Primary  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
<b>Electrical Service</b>	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	No
	Description	N/A
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	Yes
	Size	900.0 square feet
<b>Channel 14 Costs</b>	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
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<b>Additional Installation Costs</b>	Work performed by TSG Dermac subbed TSG Rohde & Schwarz subbed Dermac & provided quote
<b>Electrical</b>	Electrical for new WJXT Main Transmitter installation & operation
<b>Ceiling Structure Mods</b>	Structural Analysis, Structural Design & Structural Mods required to hang RF System

**Interim  
Transmitter**

**New Transmitter Costs**

Section	Question	Response
<p><b>New Transmitter</b></p>	Use	Interim
	Description of Use	N/A
	Change Type	Purchase
	Manufacturer	
	Model	THU9EVO-40
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	61 kW
	Justification for New Transmitter	<p>No space on tower to support 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: THU9EVO-36  Upgrade: THU9EVO-40</p>

**Interim  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
<p><b>Electrical Service</b></p>	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	500 kVA
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	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><b>HVAC Service</b></p>	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	10 tons
	Other Size	N/A
<p><b>Transmitter Building Addition/Modification or Leasehold Improvement</b></p>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	Yes



	Size	450.0 square feet
<b>Channel 14 Costs</b>	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
<b>Inside RF System</b>	Is an additional interior RF system required to support this interim transmitter?	No

**Interim Transmitter**

**Other Transmitter Cost Not Listed**

<b>Name</b>	<b>Description</b>
<b>Split Configuration</b>	Transmitter split configuration kit to provide required space in in interim container. Cost is \$3,950.00. See Rohde & Schwarz quote.
<b>RF System</b>	Mask Filter, Switch, Frame, etc. See Rohde & Schwarz Quote and Invoice
<b>HEX Install</b>	Required kit for an external heat exchanger to reduce heat in the container. See Rohde & Schwarz Quote and Invoice
<b>Tax</b>	Tax - WJXT Interim Additional Parts & services
<b>Back-up Generator</b>	A temporary generator is required at the interim site while the main site is built-out.
<b>Internal UPS for Exciters</b>	See Rohde & Schwarz Quote and Invoice
<b>Additional RF Components</b>	Required to split cabinets in order 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
<b>Existing Antenna Description</b>	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
<b>Existing Antenna Manufacturer and Type</b>	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

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**Primary  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	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
<b>New Antenna Manufacturer and Types</b>	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
<b>Combiner for Shared Antenna</b>	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
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Broadband

	Feed Line Size	8 3/16 inches inches
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for a high power antenna?	
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
<b>Sweep Test</b>	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
<b>Antenna adapter</b>	ANTENNA WEDDING CAKE MOUNTING ADAPTER.
<b>Shipping</b>	Shipping costs: \$9,800
<b>Extension Pole</b>	MOUNTING POLE FOR TOP MOUNTING ANTENNA IN ORDER TO MAINTAIN FAA HEIGHT.

**Interim  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	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
<b>New Antenna Manufacturer and Type</b>	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
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	B
	Feed Line Size	7 3/16 inches
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for an antenna?	Yes
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes

**Interim  
Antenna**

**Other Antenna Cost Not Listed**

Information not provided.

**Interim  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	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
<b>New Antenna Manufacturer and Type</b>	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
<b>Combiner for Shared Antenna</b>	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
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for an antenna?	Yes
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
<b>Sweep Test</b>	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
<b>Additional Parts</b>	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
<b>Existing Transmission Line Description</b>	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
<b>Existing Transmission Line Manufacturer and Type</b>	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
<b>New Transmission Line Costs</b>	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.

**Primary Transmission Line**      **Other Transmission Line Expenses Not Listed**  
Information not provided.



**Interim  
Transmission  
Line**

**New Transmission Line**

Section	Question	Response
<p><b>New Transmission Line Costs</b></p>	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	<p>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.</p>

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

**Interim Transmission Line**      **New Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	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** information not provided.  
**Line**

**Tower Equipment And Rigging Costs**

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

**Auxiliary Tower**

**Add Tower**

Section	Question	Response
<b>Existing Tower Description</b>	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
<b>Existing Tower Structure Registration</b>	Do you have a tower registration number?	Yes
	ASR Number	1016457
<b>Coordinates (NAD83 ( North American Datum of 1983))</b>	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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<b>Transmission Line Bridge</b>	Required in order to interconnect the transmission line run from the new interim container to the existing transmission line bridge at the interim site
<b>Lead Based Paint Services</b>	Professional LBP Services are required before tower modifications are permitted.
<b>Remove Interim Equipment</b>	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.
<b>Interim Tower Lease</b>	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).

**Primary Tower**

**Existing Tower**

Section	Question	Response
<b>Existing Tower Description</b>	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
<b>Existing Tower Structure Registration</b>	Do you have a tower registration number?	No
	ASR Number	
<b>Coordinates (NAD83 ( North American Datum of 1983))</b>	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



<b>Helicopter Services Required</b>	Are helicopter services required?	Yes
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**Primary Tower**

**Other Tower Expenses Not Listed**

<b>Name</b>	<b>Description</b>
<b>Foundation Expansion</b>	Geotechnical findings indicate existing foundation loading design is not adequate to support the post-transition loads.
<b>Existing Tower</b>	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.
<b>Remove Tegna Interim Antenna and Line</b>	Remove Tegna Interim Antenna and Transmission Line once no longer needed
<b>Helicopter Site Staging Requirement</b>	Erickson Incorporated requires a 200 x 200 ft staging area for the helicopter lift. See attached quote to clear the site.

**Outside Professional Services Costs**

Section	Question	Response
<p><b>Outside Project Management Services</b></p>	<p>Do you require outside project management services?</p>	<p>Yes</p>
	<p>Number of Hours</p>	<p>850</p>
	<p>Explanation</p>	<p>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.</p>
<p><b>Outside RF consulting Engineering Services</b></p>	<p>Perform engineering study for new channel assignment and antenna development</p>	<p>Yes</p>
	<p>Prepare engineering section of Form FCC Construction Permit Application</p>	<p>Yes</p>
	<p>For Auxiliary Facility</p>	<p>No</p>
	<p>For Main Facility</p>	<p>Yes</p>
	<p>Prepare engineering section of Form FCC License to Cover Application</p>	<p>Yes</p>
	<p>For Auxiliary Facility</p>	<p>No</p>
	<p>For Main Facility</p>	<p>Yes</p>
	<p>Prepare request for Special Temporary Authority</p>	<p>Yes</p>

	Quantity	1
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
<b>Attorney and Other Outside Consulting Services</b>	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	Yes
	Prepare or Review FCC Form 399 for Reimbursement	Yes
Address transition timing and coordination issues w/ other stations and wireless providers	Yes	
<b>RF Field Engineering Services</b>	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
<b>Intermod Study at Interim Site</b>	Tower owner requires an intermod study (see attached quote from InSite Towers, LLC)
<b>Osborn Engineering Main Transmitter Facility</b>	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).
<b>Other Engineering Services</b>	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.
<b>Other Legal Services</b>	Other Legal Services related to the DTV Repack

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**Topographic Survey**

Required for new interim transmitter building container (shared cost with WCWJ).

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**Other Expenses**

Section	Question	Response
<b>AM Pattern Disturbance</b>	Is an Impact Study needed?	No
	Is Remediation needed?	No
<b>Facility Expenses</b>	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
<b>Permit and Filing Costs</b>	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
<b>Other Miscellaneous Expenses</b>	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**

<b>Name</b>	<b>Description</b>
<b>STL System</b>	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.
<b>Sales Tax</b>	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
<b>Interim Transmitter THU9EVO-40</b>	<b>\$2,726,140.82</b>	<b>\$2,091,970.53</b>		<b>\$2,089,545.53</b>	
Additional RF Components	<i>\$14,239.56</i>	\$14,239.56	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
Internal UPS for Exciters	<i>\$1,550.00</i>	\$1,550.00	N/A	\$1,550.00	N/A



Back-up Generator	<b><i>\$59,530.00</i></b>	\$59,530.00	Back-up Gen is shared at interim site. Cost of back-up generator is \$100,750 (\$95,000 Gen + \$5,750 Freight); however, shared cost is \$50,375 (see Diesel Service & Supply Quote No. 21294). Plus \$9,155 Elec (Quote #116131.0) which equates to \$59,530.	\$59,530.00	N/A
Tax	<b><i>\$4,887.00</i></b>	\$4,887.00	N/A	\$4,887.00	N/A
HEX Install	<b><i>\$5,200.00</i></b>	\$5,200.00	N/A	\$5,200.00	N/A
RF System	<b><i>\$71,850.00</i></b>	\$71,850.00	Required mask filter and components	\$71,850.00	N/A
Split Configuration	<b><i>\$71,515.29</i></b>	\$71,515.29	See Rohde & Schwarz Quote No. 802-053514.0 and Invoice No. 9500094107	\$71,515.29	N/A
Other -- Building Addition Size: 450.0	<b><i>\$458,879.97</i></b>	\$458,879.97	Interim Container required to be used as interim transmitter building. 53 ft x 10 ft container.	\$456,454.97	N/A

10 Ton system	\$38,900.00	\$0.00	See Other Electrical Service Component for HVAC and HVAC installation.	\$0.00	N/A
Transformer 3 phase /480v - 500 KVA	\$48,400.00	\$5,559.50	N/A	\$5,559.50	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$29,700.00	See Rohde & Schwarz Quote Number 116131.0	\$29,700.00	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).	<b><i>\$124,989.00</i></b>	\$124,989.00	Diamond Electric services was retained by Dermac Group in order 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
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	\$1,788,000.00	\$1,244,070.21	N/A	\$1,244,070.21	N/A
<b>Primary Transmitter THU9EVO-36</b>	<b>\$3,758,836.00</b>	<b>\$1,724,725.40</b>		<b>\$1,422,949.40</b>	

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UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$233,750.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***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.	\$233,750.00	N/A
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Ceiling Structure Mods	<b><i>\$31,590.00</i></b>	\$31,590.00	Structural Analysis: \$1,570.00 (Quote 183289.0) Structural Design: \$1,920.00 (Quote 192518.0) Structural Mods: \$28,100.00 (Quote 194270.0) See attached "WJXT & WCWJ Ceiling Structural Analysis (WT Group)" structural analysis for justification.	N/A	N/A
Additional Installation Costs	<b><i>\$260,076.00</i></b>	\$260,076.00	WJXT portion of installation costs. See attached R&S Quote Number 189301.3. Work begins June 1, 2019 so no invoices yet.	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	\$1,788,000.00	\$993,139.40	Quote: 975,000 Upgrade: 40,000 Tax: \$58,139.40 Total: \$993,139.40	\$993,139.40	N/A
Other -- Building Addition Size: 900.0	<b><i>\$25,000.00</i></b>	\$25,000.00	N/A	\$14,890.00	N/A

Electrical	<i>\$181,170.00</i>	\$181,170.00	See attached Diamond Electric Quote & Invoice for required electric work	\$181,170.00	N/A
<b>Sub-total</b>	\$6,484,976.82	\$3,816,695.93	N/A	\$3,512,494.93	N/A
<b>Total for all systems</b>	\$11,059,285.26	\$7,085,213.96	N/A	\$5,776,023.67	N/A

### Components

Actual Information	
Description	File Name
Additional RF Components	<p><b>Component Description:</b> WJXT R&amp;S inv #9500083874 Interim Elbow UL20180809jgv1</p> <p><b>Amount:</b> \$14,239.56</p>
Internal UPS for Exciters	<p><b>Component Description:</b> WJXT Interim Internal UPS for Exciters</p> <p><b>Amount:</b> \$1,550.00</p>

Back-up Generator	<p><b>Component Description:</b> Diesel Serv-Supp inv #110000051 Backup Generator UL20180905jgv1 50% to WJXT 50% to WCWJ</p> <p><b>Amount:</b> \$50,375.00</p> <p><b>Component Description:</b> WJXT R&amp;S inv #9500083892 Interim Electrical temporary generator UL20180807jgv1</p> <p><b>Amount:</b> \$9,155.00</p>
Tax	<p><b>Component Description:</b> FLORIDA SALES TAX</p> <p><b>Amount:</b> \$4,887.00</p>
HEX Install	<p><b>Component Description:</b> Heat Exchanger Installation</p> <p><b>Amount:</b> \$5,200.00</p>
RF System	<p><b>Component Description:</b> WJXT Interim RF System and Components Payment (Quote &amp; Invoices)</p> <p><b>Amount:</b> \$71,850.00</p>

Split Configuration	<p><b>Component Description:</b> WJXT Interim Transmitter Split Configuration and Components Payment (Quote &amp; Invoices)</p> <p><b>Amount:</b> \$71,515.29</p>
Other -- Building Addition Size: 450.0	<p><b>Component Description:</b> WJXT Interim Container Modifications and Labor (Change Order)</p> <p><b>Amount:</b> \$2,680.00</p> <p><b>Component Description:</b> WJXT Interim Container Scherer Construction 90% Invoice (Shared)</p> <p><b>Amount:</b> \$46,512.00</p> <p><b>Component Description:</b> Osborn inv #28314 Prof svcs 180224 - 180330 UL20190211jgv2</p> <p><b>Amount:</b> \$9,247.49</p> <p><b>Component Description:</b> Osborn inv #27953 Interim TX Facility prof svcs UL20190214jgv1</p> <p><b>Amount:</b> \$6,558.50</p> <p><b>Component Description:</b> Osborn inv #30282 Interim TX Facility prof svcs UL20190214jgv1</p> <p><b>Amount:</b> \$6,900.00</p>

**Component Description:** Osborn inv #29010  
Interim TX Facility  
prof svcs  
UL20190214jgv1  
**Amount:** \$6,897.24

**Component Description:** WJXT INT  
Container Scherer  
Construction Final  
10% plus Change  
Order Invoice  
(Shared)  
**Amount:** \$12,377.50

**Component Description:** KGA 947-51  
v190515jgv1  
**Amount:** \$2,425.00

**Component Description:** Plywood for interim  
container required  
for mounting  
equipment and for  
wall feed-thrus.  
**Amount:** \$5,075.00

**Component Description:** WJXT Interim Site  
Build-out  
/Construction (see  
attached Rohde &  
Schwarz quote  
/invoice)  
**Amount:** \$315,519.47

**Component Description:** WJXT Portion of  
interim container to  
shelter interim  
transmitter and RF  
System.  
**Amount:** \$32,173.50



	<p><b>Component Description:</b> Osborn inv #29391 Interim TX Facility prof svcs UL20190214jgv1</p> <p><b>Amount:</b> \$10,089.27</p>
10 Ton system	<p><b>Component Description:</b> WJXT Interim HVAC Electrical Installation (see attached quote and invoice from Rohde &amp; Schwarz)</p> <p><b>Amount:</b> \$36,935.00</p>
Transformer 3 phase/480v - 500 KVA	<p><b>Component Description:</b> Coffman Elec inv #131850E Automatic Transfer Switch UL20180905jgv1 50% to WJXT 50% to WCWJ</p> <p><b>Amount:</b> \$5,559.50</p>
Switchgear - industrial 800 amp	<p><b>Component Description:</b> WJXT R&amp;S inv #9500083892 Interim Electrical switchgear UL20180807jgv1</p> <p><b>Amount:</b> \$29,700.00</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).

**Component Description:** WJXT R&S inv  
#9500083846  
Interim Main Panel  
UL20180807jgv1  
**Amount:** \$9,484.00

**Component Description:** WJXT R&S inv  
#9500083892  
Interim Electrical  
installation  
UL20180807jgv1  
**Amount:** \$78,570.00

**Component Description:** HVAC Electrical  
work required for  
WJXT Interim  
Facility. See  
attached quote and  
invoice.  
**Amount:** \$36,935.00

UHF - Liquid Cooled Solid  
State Transmitter 52 - 61  
kW

**Component Description:** WJXT Interim  
Transmitter (Final  
25% Payment)  
**Amount:** \$365,470.21

**Component Description:** Transmitter Parallel  
Remote-Control  
Interface  
**Amount:** \$875.00

**Component Description:** WJXT Interim  
Transmitter (50%  
Down Payment)  
**Amount:** \$585,150.00

**Component Description:** WJXT Interim  
Transmitter (NET  
30 100% Payment)  
**Amount:** N/A

**Component Description:** WJXT Interim  
Transmitter (Initial  
25% Payment)  
**Amount:** \$292,575.00

**Component Description:** It was discovered  
that a previously  
filed invoice  
submitted for  
reimbursement was  
incorrect and  
needed to be  
corrected by the  
vendor. Therefore,  
the previously  
requested amount  
has been zeroed  
out (\$0.00).  
**Amount:** N/A

<p>UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW</p>	<p><b>Component Description:</b> 25% Final Reimbursement Payment for WJXT Main Transmitter minus \$40,000 upgrade cost.</p> <p><b>Amount:</b> \$233,750.00</p>
<p></p>	<p><b>Component Description:</b> 50% Reimbursement Payment for WJXT Main Transmitter minus \$40,000 upgrade cost.</p> <p><b>Amount:</b> \$467,500.00</p>
<p></p>	<p><b>Component Description:</b> Florida Tax Reimbursement for WJXT Main Transmitter</p> <p><b>Amount:</b> \$60,626.65</p>
<p></p>	<p><b>Component Description:</b> R&amp;S inv #9500076213 Main TX UL20181113jgv1</p> <p><b>Amount:</b> \$233,750.00</p>
<p>Ceiling Structure Mods</p>	<p>Information not provided.</p>
<p>Additional Installation Costs</p>	<p>Information not provided.</p>

UHF - Liquid Cooled Solid  
State Transmitter 52 - 61  
kW

**Component Description:** WJXT Florida Sales  
Tax (Main  
Transmitter)  
Payment (Rohde &  
Schwarz Quote &  
Invoices)

**Amount:** \$58,139.40

**Component Description:** WJXT (Main)  
Transmitter Initial  
25% Down  
Payment (Rohde &  
Schwarz Quote &  
Invoices)

**Amount:** \$233,750.00

**Component Description:** WJXT (Main)  
Transmitter Final  
25% Payment  
(Rohde & Schwarz  
Quote & Invoices)

**Amount:** \$233,750.00

**Component Description:** WJXT (Main)  
Transmitter 50%  
Down Payment  
(Rohde & Schwarz  
Quote & Invoices)

**Amount:** \$467,500.00

**Component Description:** WJXT Main  
Transmitter (Initial  
25% Payment)

**Amount:** \$233,750.00

Other -- Building Addition Size: 900.0	<b>Component Description:</b> WJXT Portion of Electrical Work Required for Main TX Bldg Demo & Disposal (NET30 Payment)	<b>Amount:</b> \$14,890.00
	<b>Component Description:</b> WJXT Main TX Bldg Demo & Disposal (NET30 Payment)	<b>Amount:</b> \$14,890.00
Electrical	<b>Component Description:</b> Electrical work for WJXT and WCWJ facilities (50/50 Shared)	<b>Amount:</b> \$181,170.00

**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
<b>Interim Antenna TFU-24WB C160</b>	<b>\$207,210.00</b>	<b>\$199,664.00</b>		<b>\$199,664.00</b>	
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 Number 700143CMZ-7 and Invoices. Shipping was removed from 399 as a standalone component since it is included in Dielectric Invoice Number 209020.	\$160,480.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	See Dielectric Invoice 213001 and Quote 700143CMZ-7	\$6,400.00	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	\$15,264.00	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 700143CMZ-7. Scatter study removed from 399 as a standalone component since it is included in Line 3 of Quote 700143CMZ-7.	\$17,520.00	N/A
<b>Interim Antenna TLSV-8BB</b>	<b>\$201,520.85</b>	<b>\$110,783.25</b>		<b>\$110,783.25</b>	
Additional Parts	<i>\$18,355.85</i>	\$18,355.85	See attached Rohde & Schwarz Quotes and Invoices for additional parts needed inside transmitter room in order to connect horizontal run of transmission line to existing RF System.	\$18,355.85	The Sub-total is equal to the Estimatec Cost
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.	\$2,700.00	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.	\$5,760.00	N/A
UHF - High Power, Side Mount, basic slot antenna, 8 bay,, 83 kW input, directional,, horizontally polarized	<b>\$63,825.00</b>	\$63,825.00	See lease agreement for WTLV and WJXX with respect to reimbursement for interim VHF antenna. See attached Dielectric Quote 700521CMZ-2 and ERI Change Orders 36156 & 36156B.	\$63,825.00	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.	\$6,400.00	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$13,742.40	R&S inv #9500085393 for \$16,850.36 is a duplicate and should be deleted.	\$13,742.40	R&S inv #9500085393 is a duplicate and should be denied.
<b>Primary Antenna TFU-24GTH /VP-R TC O6SP</b>	<b>\$358,849.49</b>	<b>\$305,991.10</b>		<b>\$292,957.63</b>	

Shipping	<b><i>\$13,033.47</i></b>	\$13,033.47	Freight Cost: \$26,066.94 ; however, it is shared cost with WCWJ therefore, cost for WJXT is \$13033.47.	\$0.00	N/A
UHF - High Power Top Mount Two Station antenna elliptically or circularly polarized	<b><i>\$161,246.50</i></b>	\$161,246.50	Cost: \$350,093 (Quote 700142CMZ-1). Subtract \$27,600 Vpol (non-reimbursable) which equates to \$322,493.00. Shared 50/50 cost equates to \$161,246.50.	\$161,246.50	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$44,941.61	Total Cost of Main Combiner: \$84,600.00 Shared Cost of Main Combiner: \$42,300.00 Shared Cost of Tax: 2,641.61 Shared expense between WJXT and WCWJ Main Facilities. See Rohde & Schwarz Quote Number 107818.2	\$44,941.61	N/A

Elbow complex, broadband, at antenna input, per 8 3/16. feedline (if needed)	\$18,950.00	\$8,880.00	Cost: \$17,760; however, it is shared cost with WCWJ, therefore, cost for WJXT is \$8,880. See attached Dielectric Quote.	\$8,880.00	N/A
Antenna adapter	<b>\$19,252.00</b>	\$19,252.00	\$21,472 (Line 2 Quote 700142CMZ-1) and \$17,032.00 (Line 29 Confirmation Order). Sum is \$38,504 and 50/50 Shared amount is \$19,252.	\$19,252.00	N/A
Sweep test of existing antenna	\$6,730.00	\$3,200.00	Shared expense with WCWJ	\$3,200.00	N/A
Extension Pole	<b>\$55,437.52</b>	\$55,437.52	Cost: \$152,630 (Line 3 Quote 700142CMZ-1) decreased to \$93,759.00 (Line 4 Confirmation Order) since pole was reduced from 37 ft to 12.5 ft. Therefore, shared cost is \$46,897.50.	\$55,437.52	N/A
<b>Sub-total</b>	\$767,580.34	\$616,438.35	N/A	\$603,404.88	N/A
<b>Total for all systems</b>	\$11,059,285.26	\$7,085,213.96	N/A	\$5,776,023.67	N/A

## Components

Actual Information	
Description	File Name
UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 976 kW input, directional,, elliptically or circularly polarized	<b>Component Description:</b> Inv MAN00267 WJXT Interim TX ant 45% down payment UL20180503jgv1
	<b>Amount:</b> \$72,216.00
	<b>Component Description:</b> WJXT Interim Antenna Final 10% Payment
	<b>Amount:</b> \$16,048.00
	<b>Component Description:</b> WJXT Interim Antenna (Second 45% Payment)
	<b>Amount:</b> \$72,216.00
Sweep test of existing antenna	<b>Component Description:</b> WJXT Interim Antenna (Second 45% Payment)
	<b>Amount:</b> \$2,880.00
	<b>Component Description:</b> Inv MAN00267 WJXT Interim sweep 45% down payment UL20180503jgv1
	<b>Amount:</b> \$2,880.00
	<b>Component Description:</b> WJXT INT Sweep Final 10% (213001)
	<b>Amount:</b> \$640.00

<p>Elbow complex, broadband, at antenna input, per 7 3/16. feedline (if needed)</p>	<p><b>Component Description:</b> WJXT Interim Elbow Complex Final 10% Payments (209020)</p> <p><b>Amount:</b> \$1,526.40</p>
	<p><b>Component Description:</b> Inv MAN00267 WJXT Interim elbow complex 45% down payment UL20180503jgv1</p> <p><b>Amount:</b> \$6,868.80</p>
	<p><b>Component Description:</b> WJXT Interim Antenna (Second 45% Payment)</p> <p><b>Amount:</b> \$6,868.80</p>
<p>Side mount brackets for high power antennas (if not included in antenna base cost)</p>	<p><b>Component Description:</b> WJXT Interim Antenna (Second 45% Payment)</p> <p><b>Amount:</b> \$7,884.00</p>
	<p><b>Component Description:</b> Inv MAN00267 WJXT Interim TX antenna mount 45% down payment UL20180503jgv1</p> <p><b>Amount:</b> \$7,884.00</p>
	<p><b>Component Description:</b> WJXT Interim Antenna Side-Mount Brackets Final 10% Payments</p> <p><b>Amount:</b> \$1,752.00</p>

Additional Parts

**Component Description:** WJXT Main  
(TEGNA) Additional  
Parts (NET30  
Payment)  
**Amount:** \$16,850.36

**Component Description:** WJXT Main  
(TEGNA) Clamps  
(NET30 Payment)  
**Amount:** \$1,505.49

Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)

**Component Description:** Dielectric Interim Scatter Study - Final 10% (Contractual Obligation with TEGNA)  
**Amount:** \$270.00

**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:** TEGNA (Interim) Scatter Study Final 10% Payment (Quote & Invoices)  
**Amount:** \$270.00

Side mount brackets for high power antennas (if not included in antenna base cost)

**Component Description:** Dielectric Interim Side-Mount Brackets - Final 10% (Contractual Obligation with TEGNA)  
**Amount:** \$576.00

**Component Description:** TEGNA (Interim) Side-Mount Brackets Final 10% Payment (Quote & Invoices)  
**Amount:** \$576.00

**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



UHF - High Power, Side Mount, basic slot antenna, 8 bay,, 83 kW input, directional,, horizontally polarized

**Component Description:** Dielectric Interim Antenna Final 10% (Contractual Obligation with TEGNA)  
**Amount:** \$5,797.50

**Component Description:** TEGNA (Interim) Antenna Final 10% Payment (Quote & Invoices)  
**Amount:** \$5,797.50

**Component Description:** Inv MAN00319 WJXT Int WJXX WTLV ant 45 percent pmt 2 UL20180613jgv1  
**Amount:** \$26,088.75

**Component Description:** Inv MAN00318 WJXT Int WJXX WTLV ant 45 percent pmt 1 UL20180613jgv1  
**Amount:** \$26,088.75

**Component Description:** ERI inv #WJXT-005 Antenna removal UL20181109jgv1  
**Amount:** \$5,850.00

Sweep test of existing antenna

**Component Description:** Dielectric Interim Sweep - Final 10% (Contractual Obligation with TEGNA)  
**Amount:** \$640.00

**Component Description:** TEGNA (Interim) Repack Sweep Final 10% Payment (Quote & Invoices)  
**Amount:** \$640.00

**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

New combiner, cost per channel (without antenna)	<p><b>Component Description:</b> Dielectric Interim Switches - Final 10% (Contractual Obligation with TEGNA)</p> <p><b>Amount:</b> \$1,374.24</p>
	<p><b>Component Description:</b> Inv MAN00318 WJXT Int WJXX WTLV switch 45 percent pmt 1 UL20180613jgv1</p> <p><b>Amount:</b> \$6,184.08</p>
	<p><b>Component Description:</b> R&amp;S inv #9500085393 VHF interim install UL20181113jgv1 ... Contractual Agreement between Graham (licensee) &amp; Tegna</p> <p><b>Amount:</b> \$16,850.36</p>
	<p><b>Component Description:</b> TEGNA (Interim) RF Switch Final 10% Payment (Quote &amp; Invoices)</p> <p><b>Amount:</b> \$1,374.24</p>
	<p><b>Component Description:</b> Inv MAN00319 WJXT Int WJXX WTLV switch 45 percent pmt 2 UL20180613jgv1</p> <p><b>Amount:</b> \$6,184.08</p>
Shipping	Information not provided.

<p>UHF - High Power Top Mount Two Station antenna elliptically or circularly polarized</p>	<p><b>Component Description:</b> WJXT Primary Antenna (Shared) Final 10% Payment (Quote &amp; Invoices)</p> <p><b>Amount:</b> \$16,124.65</p>
	<p><b>Component Description:</b> Inv MAN00214 WCWJ WJXT Primary antenna UL20180718jgv2</p> <p><b>Amount:</b> \$72,560.93</p>
	<p><b>Component Description:</b> Die inv #MAN00299 Primary antenna UL20181106jgv1</p> <p><b>Amount:</b> \$72,560.92</p>
<p>New combiner, cost per channel (without antenna)</p>	<p><b>Component Description:</b> WJXT Main Combiner (Shared) Payment (Quote &amp; Invoices)</p> <p><b>Amount:</b> \$44,941.61</p>

Elbow complex,  
broadband, at antenna  
input, per 8 3/16. feedline  
(if needed)

**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:**

WJXT (Main) Elbow  
Complex (Shared)  
Final 10% Payment  
(Quote & Invoices)

**Amount:**

\$888.00

Antenna adapter

**Component Description:** Die inv #MAN00299  
Primary ant adapter  
UL20181106jgv1  
**Amount:** \$3,832.20

**Component Description:** Inv MAN00214  
WCWJ WJXT  
Primary ant adapter  
UL20180718jgv2  
**Amount:** \$4,831.20

**Component Description:** WJXT Primary  
Antenna Adapter -  
Wedding Cake #1  
Final 10% Payment  
(Quote & Invoices)  
**Amount:** \$1,073.60

**Component Description:** Die inv #MAN00299  
Primary ant adapter  
UL20181106jgv1  
**Amount:** \$4,831.20

**Component Description:** WJXT Primary  
Antenna Adapter -  
Wedding Cake #2  
Final 10% Payment  
(Quote & Invoices)  
**Amount:** \$4,683.80

Sweep test of existing antenna	<p><b>Component Description:</b> WJXT (Main) Repack Sweep (Shared) Final 10% Payment (Quote &amp; Invoices)</p> <p><b>Amount:</b> \$320.00</p> <p><b>Component Description:</b> Die inv #MAN00299 Sweep UL20181106jgv1</p> <p><b>Amount:</b> \$1,440.00</p> <p><b>Component Description:</b> Inv MAN00214 WCWJ WJXT Sweep UL20180718jgv2</p> <p><b>Amount:</b> \$1,440.00</p>
Extension Pole	<p><b>Component Description:</b> Die inv #MAN00299 Prim ant ext pole UL20181106jgv1</p> <p><b>Amount:</b> \$21,095.77</p> <p><b>Component Description:</b> Inv MAN00214 WCWJ WJXT Prim ant ext pole UL20180718jgv2</p> <p><b>Amount:</b> \$34,341.75</p>

**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
<b>Interim Transmission Line</b>	<b>\$126,325.00</b>	<b>\$101,487.02</b>		<b>\$94,371.76</b>	
Rigid Transmission Line - copper, 4 1/16" broadband	\$126,325.00	\$101,487.02	See Dielectric quote for WJXX and WTLV combined interim facilities.	\$94,371.76	Component was not unlocked so added a new request. Please deny previous request under review in the amount of \$9,437.17 and use most recent request which is based on the specified Dielectric filing guidelines.
<b>Interim Transmission Line</b>	<b>\$357,975.00</b>	<b>\$221,544.06</b>		<b>\$221,544.06</b>	
Rigid Transmission Line - copper, 7 3/16" broadband	\$357,975.00	\$221,544.06	See Dielectric quote for WJXT interim facility	\$221,544.06	N/A



<b>Primary Transmission Line</b>	<b>\$460,845.00</b>	<b>\$149,465.00</b>		<b>\$149,372.70</b>	
Rigid Transmission Line - copper, 8 3/16" broadband	\$460,845.00	\$149,465.00	See attached Dielectric Quote and Invoices	\$149,372.70	N/A
<b>Sub-total</b>	<b>\$945,145.00</b>	<b>\$472,496.08</b>	<b>N/A</b>	<b>\$465,288.52</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$11,059,285.26</b>	<b>\$7,085,213.96</b>	<b>N/A</b>	<b>\$5,776,023.67</b>	<b>N/A</b>

## Components

Actual Information	
Description	File Name
Rigid Transmission Line - copper, 4 1/16" broadband	<p><b>Component Description:</b> Dielectric Interim Transmission Line - Final 10% (Contractual Obligation with TEGNA). Reduced by one cent in order to equal 100% on quote.</p> <p><b>Amount:</b> \$9,437.18</p>
	<p><b>Component Description:</b> Inv MAN00318 WJXT Int WJXX WTLV TLSCR 45 percent pmt 1 UL20180613jgv1</p> <p><b>Amount:</b> \$4,584.38</p>
	<p><b>Component Description:</b> Inv MAN00318 WJXT Int WJXX WTLV line 45 percent pmt 1 UL20180613jgv1</p> <p><b>Amount:</b> \$37,882.91</p>

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

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

**Component Description:** WJXT (TEGNA  
Interim Facility)  
Transmission Line  
Final 10%  
(\$8,418.43 plus  
\$1,018.75 rounded  
down one cent)  
**Amount:** \$9,437.17

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

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

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Rigid Transmission Line -  
copper, 7 3/16" broadband

**Component Description:** Additional TX Line  
Parts for WJXT  
Interim Facility.  
Invoice includes tax  
(see attached quote  
& invoice)

**Amount:** \$14,239.56

**Component Description:** Inv MAN00267  
WJXT Interim  
transmission line  
45% down payment  
UL20180503jgv1

**Amount:** \$93,287.03

**Component Description:** WJXT Interim  
Antenna (Second  
45% Payment).  
89,763.53 plus  
3,523.50 for  
transmission line  
system.

**Amount:** \$93,287.03

**Component Description:** WJXT INT TX Line  
#2 Final 10%  
(213001) -  
Rounded down to  
nearest cent

**Amount:** \$4,429.49

**Component Description:** WJXT INT TX Line  
#1 Final 10%  
(209020)

**Amount:** \$16,300.95

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

**Component Description:** Feed Through  
Credit (WJXT  
Portion)

**Amount:** (\$92.30)

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

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

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

**Component Description:** WJXT (Main)  
Transmission Line  
CUT PIECES Final  
10% Payment  
(Quote & Invoices)  
**Amount:** \$398.40

**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  
Feed thru  
UL20181106jgv1  
**Amount:** \$4,128.75

**Component Description:**

WJXT (Main)  
Transmission Line  
Final 10% Payment  
(Quote & Invoices)

**Amount:**

\$11,173.59

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**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
<b>Auxiliary Tower TOWER</b>	<b>\$669,085.44</b>	<b>\$417,078.65</b>		<b>\$230,578.65</b>	
Minor tower reinforcement /modifications	\$158,000.00	\$55,458.37	N/A	\$55,458.37	N/A
Interim Tower Lease	<i>\$93,677.42</i>	\$93,677.42	See attached InSite Tower LLC quote. Costs are based on leasing space on the interim tower at \$8,000 per month.	\$69,677.42	N/A
Transmission Line Bridge	<i>\$8,595.52</i>	\$8,595.52	Required in order to interconnect the transmission line run from the new interim container to the existing transmission line bridge at the interim site.	\$8,595.52	N/A

Tall Tower (greater than 500')	\$210,500.00	\$85,434.84	N/A	\$85,434.84	Error message indicates that Sub- total is greater than Estimated Cost; however, that is not correct. The Sub- total equals the Estimated Cost exactly.
Remove Interim Equipment	<i>\$150,000.00</i>	\$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

Lead Based Paint Services	<b><i>\$9,412.50</i></b>	\$9,412.50	Professional Lead Based Paint Services are required before tower modification can be performed the repack	\$9,412.50	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
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
<b>Primary Tower TOWER</b>	<b>\$1,090,354.47</b>	<b>\$664,319.26</b>		<b>\$464,875.65</b>	
Remove Tegna Interim Antenna and Line	<b><i>\$92,912.47</i></b>	\$92,912.47	Part of contractual obligation scope of work	N/A	N/A
Foundation Expansion	<b><i>\$91,642.00</i></b>	\$91,642.00	Quote is for \$183,284. Shared expense with WCWJ; therefore WJXT cost is \$91642.	\$41,592.11	N/A



Existing Tower	<i>\$0.00</i>	\$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
Tower Helicopter Lift	<i>\$0.00</i>	\$0.00	See Helicopter Site Staging Requirement component for helicopter prep required work.	\$0.00	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$380,561.40	Main antenna and transmission line plus contractual agreement equipment and services per-approved by the FCC.	\$380,561.40	N/A
Major tower reinforcement /modifications	\$421,000.00	\$36,103.39	N/A	\$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	\$25,600.00	N/A	\$5,218.75	N/A
Helicopter Site Staging Requirement	<i>\$37,500.00</i>	\$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.	\$1,400.00	N/A
<b>Sub-total</b>	\$1,759,439.91	\$1,081,397.91	N/A	\$695,454.30	N/A
<b>Total for all systems</b>	\$11,059,285.26	\$7,085,213.96	N/A	\$5,776,023.67	N/A

### Components

Actual Information Description	File Name
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Minor tower reinforcement /modifications	<b>Component Description:</b>	WJXT Interim Tower Modifications (Shared) Final 50% Down Payment (Quote & Invoices)
	<b>Amount:</b>	\$29,172.75
	<b>Component Description:</b>	WJXT Portion of InSite Interim Tower Climbing Inspection (NET30 Payment)
	<b>Amount:</b>	\$1,531.25
	<b>Component Description:</b>	WJXT Interim Tower Modifications (Shared) Initial 50% Down Payment (Quote & Invoices)
	<b>Amount:</b>	\$24,754.37
Interim Tower Lease	<b>Component Description:</b>	WJXT Interim Tower Lease Payment (MAR 2019)
	<b>Amount:</b>	\$8,000.00
	<b>Component Description:</b>	WJXT Interim Tower Lease Payments (January 2019 & February 2019)
	<b>Amount:</b>	\$16,000.00
	<b>Component Description:</b>	WJXT Interim Tower Lease Payments (July 10, 2018 through December 01, 2018)
	<b>Amount:</b>	\$45,677.42

Transmission Line Bridge	<p><b>Component Description:</b> Transmission Line Bridge (WJXT Portion)</p> <p><b>Amount:</b> \$4,803.67</p> <p><b>Component Description:</b> Transmission Line Bridge (WJXT Portion)</p> <p><b>Amount:</b> \$311.35</p> <p><b>Component Description:</b> Transmission Line Bridge (WJXT Portion)</p> <p><b>Amount:</b> \$3,480.50</p>
Tall Tower (greater than 500')	<p><b>Component Description:</b> WJXT Interim Antenna &amp; Transmission Line Installation Final 40% &amp; 10% Payments (Quote &amp; Invoices)</p> <p><b>Amount:</b> \$42,973.72</p> <p><b>Component Description:</b> WJXT Interim Antenna &amp; Transmission Line Installation (Shared) Initial 50% Down Payment (Quote &amp; Invoices)</p> <p><b>Amount:</b> \$42,461.12</p>
Remove Interim Equipment	Information not provided.

Lead Based Paint Services	<p><b>Component Description:</b> WJXT Interim Tower Lead Based Paint Services Initial Payment (Quote &amp; Invoices)</p> <p><b>Amount:</b> \$4,150.00</p>
	<p><b>Component Description:</b> WJXT Interim Tower Lead Based Paint Services Final Payment (Quote &amp; Invoices)</p> <p><b>Amount:</b> \$5,262.50</p>
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	Information not provided.
Structural engineering tower load study for well documented tower	<p><b>Component Description:</b> Inv FL952GRARADIO Structural Analysis UL20180521jgv2 50% to WCWJ 50% to WJXT</p> <p><b>Amount:</b> \$2,000.00</p>
Remove Tegna Interim Antenna and Line	Information not provided.
Foundation Expansion	<p><b>Component Description:</b> Matrax inv #2041 Mud mat rental UL20181112jgv1</p> <p><b>Amount:</b> \$989.48</p>

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

**Component Description:** Osborn inv #29390  
Twr found eng  
180428 - 180525  
UL20181114jgv1  
**Amount:** \$69.80

**Component Description:** Osborn inv #27832  
Twr found eng  
180101 - 180126  
UL20181114jgv1  
**Amount:** \$109.95

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

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

**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  
 UL20181114jgv1  
**Amount:** \$2,529.20

**Component Description:** Osborn inv #27338  
 Twr found eng  
 171125 - 171231  
 UL20181114jgv1  
**Amount:** \$2,702.68

**Component Description:** Osborn inv #26528R  
 Twr found eng  
 170701 - 170929  
 UL20181114jgv1  
**Amount:** \$14,449.65

Existing Tower	Information not provided.
Tower Helicopter Lift	Information not provided.

Complex Tower  
(includes, for example,  
those with candelabras  
and/or stacked antennas)

**Component Description:** WJXT (Tegna)  
Installs (Final 50%  
Payment)  
**Amount:** \$36,204.16

**Component Description:** WJXT Main Antenna  
& Line Installs (10%  
Payment)  
**Amount:** \$29,166.05

**Component Description:** WJXT Main Antenna  
& Line Installs (40%  
Payment)  
**Amount:** \$137,080.44

**Component Description:** WJXT (Tegna)  
Installs (Change  
Order Payment)  
**Amount:** \$5,850.00

**Component Description:** WJXT Main Antenna  
and Transmission  
Line Installation  
(50% Payment)  
**Amount:** \$145,830.25

**Component Description:** ERI inv #WJXT-001  
VHF interim ant and  
line UL20181113jgv1  
**Amount:** \$32,280.50



Major tower reinforcement /modifications	<p><b>Component Description:</b> Inv 26318R WJXT Professional Services UL20180502jgv1</p> <p><b>Amount:</b> \$298.20</p>
	<p><b>Component Description:</b> Inv 26120R WJXT Professional Services UL20180503jgv1</p> <p><b>Amount:</b> \$3,701.80</p>
	<p><b>Component Description:</b> WJXT Main Tower Mods (50% Shared Payment)</p> <p><b>Amount:</b> \$14,316.25</p>
	<p><b>Component Description:</b> WJXT Main Tower Mods (Final 50% Shared Payment)</p> <p><b>Amount:</b> \$17,787.14</p>
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	<p><b>Component Description:</b> Inv FL952GRA1422873 WCWJ Climbing Inspection UL20180605jgv2 50% to WCWJ 50% to WJXT</p> <p><b>Amount:</b> \$1,531.25</p>
	<p><b>Component Description:</b> Inv 947-05 Tower mapping UL20180712jgv2 50% to WJXT 50% to WCWJ</p> <p><b>Amount:</b> \$3,687.50</p>

Helicopter Site Staging  
Requirement

**Component Description:**

WJXT Main  
Helicopter Pad  
Leveling (50%  
Shared Payment)

**Amount:**

\$1,400.00

**Cost Information**

**Outside Professional Services**

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Outside Professional Services</b>	<b>\$808,122.50</b>	<b>\$804,465.00</b>		<b>\$432,333.71</b>	
Topographic Survey	<i>\$870.00</i>	\$870.00	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	\$5,301.21	N/A
Other Engineering Services	<i>\$417,627.50</i>	\$417,627.50	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.	\$361,422.50	N/A

Osborn Engineering Main Transmitter Facility	<b><i>\$8,590.00</i></b>	\$8,590.00	Shared cost with WCWJ.	N/A	N/A
Intermod Study at Interim Site	<b><i>\$2,355.00</i></b>	\$2,355.00	N/A	\$2,355.00	N/A
Additional Field Engineering Service, 45 Days	<b><i>\$90,000.00</i></b>	\$90,000.00	N/A	\$26,010.00	N/A
RF Exposure Measurements	\$21,050.00	\$10,250.00	Shared expense with WCWJ	\$4,850.00	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$81,900.00	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
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	\$1,500.00	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	\$6,000.00	See attached Invoices and Quotes.	\$6,000.00	N/A

Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$14,000.00	See attaches Invoices and Quotes	\$14,000.00	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	\$7,137.50	See attached Invoices and Quotes.	\$7,137.50	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.	\$3,757.50	N/A
<b>Sub-total</b>	\$808,122.50	\$804,465.00	N/A	\$432,333.71	N/A
<b>Total for all systems</b>	\$11,059,285.26	\$7,085,213.96	N/A	\$5,776,023.67	N/A

## Components

Actual Information Description	File Name
Topographic Survey	Information not provided.
Other Legal Services	<p><b>Component Description:</b> C&amp;B 60847115 v190613pmv1</p> <p><b>Amount:</b> \$71.10</p> <p><b>Component Description:</b> Covington inv #60836456 Various Legal thru 190131 UL20181030jgv1</p> <p><b>Amount:</b> \$927.96</p> <p><b>Component Description:</b> Covington inv #60793199 Various Legal UL20181023jgv1</p> <p><b>Amount:</b> \$149.47</p> <p><b>Component Description:</b> Covington inv #60780135 Various Legal UL20181019jgv1</p> <p><b>Amount:</b> \$762.97</p> <p><b>Component Description:</b> Covington inv #60774445 Various Legal UL20181022jgv1</p> <p><b>Amount:</b> \$2,621.91</p> <p><b>Component Description:</b> C&amp;B 60816789 v190613pmv1</p> <p><b>Amount:</b> \$288.90</p>

**Component Description:** Covington inv  
#60790156 Various  
Legal  
UL20181023jgv1  
**Amount:** \$62.10

**Component Description:** Covington inv  
#60816783 Various  
Legal  
UL20181030jgv1  
**Amount:** \$192.60

**Component Description:** Covington inv  
#60780136 Various  
Legal  
UL20181022jgv1  
**Amount:** \$247.50

**Component Description:** Covington inv  
#60780136 Various  
Legal  
UL20190221jgv2  
**Amount:** \$135.00

**Component Description:** Covington inv  
#60812706 Various  
Legal  
UL20181024jgv1  
**Amount:** \$378.10

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Other Engineering Services

**Component Description:** KGA 947-180  
v190705jgv2  
**Amount:** \$33,117.50

**Component Description:** KGA 947-179  
v190705jgv2  
**Amount:** \$14,832.50



**Component Description:** KGA 947-141  
v190801jgv2  
**Amount:** \$11,550.00

**Component Description:** KGA 947-86  
v190506pmv1  
**Amount:** \$126,850.00

**Component Description:** KGA 947-18 OES  
v190523jgv3  
**Amount:** \$500.00

**Component Description:** KGA 947-143  
v190513jgv2  
**Amount:** \$25,100.00

**Component Description:** KGA 947-18 OES  
v190523jgv3  
**Amount:** \$3,000.00

**Component Description:** KGA 947-178  
v190705jgv2  
**Amount:** \$18,860.00

**Component Description:** KGA 947-102  
v190506pmv1  
**Amount:** \$6,200.00

**Component Description:** KGA 947-18 OES  
v190523jgv3  
**Amount:** \$22,100.00

**Component Description:** KGA 947-142  
v190520jgv2  
**Amount:** \$16,350.00

**Component Description:** KGA 947-141  
v190506pmv1  
**Amount:** \$11,550.00

**Component Description:** KGA 947-18 OES  
v190523jgv3  
**Amount:** \$750.00

**Component Description:** KGA 947-61  
v190506pmv1  
**Amount:** \$44,655.00

**Component Description:** KGA 947-111  
v190506pmv1  
**Amount:** \$60,700.00

**Component Description:** KGA 947-177  
v190705jgv2  
**Amount:** \$15,737.50

**Component Description:** KGA 947-140  
v190521jgv2  
**Amount:** \$4,275.00

**Component Description:** KGA inv #947-76  
Actual Cost Invs  
UL20181109jgv1  
**Amount:** \$1,250.00

**Component Description:** KGA 947-18 OES  
v190523jgv3  
**Amount:** \$750.00

**Component Description:** KGA 947-18 OES  
v190523jgv3  
**Amount:** \$750.00

Osborn Engineering Main Transmitter Facility	Information not provided.	
Intermod Study at Interim Site	<b>Component Description:</b>	KGA 947-89 v190522jgv2
	<b>Amount:</b>	\$2,355.00
Additional Field Engineering Service, 45 Days	<b>Component Description:</b>	KGA 947-42 v190506pmv1
	<b>Amount:</b>	\$1,800.00
	<b>Component Description:</b>	KGA 947-18 Addl fld eng sv v190523jgv3
	<b>Amount:</b>	\$5,400.00
	<b>Component Description:</b>	KGA 947-99 v190506pmv1
	<b>Amount:</b>	\$2,700.00
	<b>Component Description:</b>	KGA 947-48 v190506pmv1
	<b>Amount:</b>	\$1,800.00
	<b>Component Description:</b>	KGA 947-70 v190506pmv1
	<b>Amount:</b>	\$1,350.00
	<b>Component Description:</b>	KGA 947-39 v190503pmv1
	<b>Amount:</b>	\$2,160.00
	<b>Component Description:</b>	KGA 947-74 v190528jgv2
	<b>Amount:</b>	\$1,350.00

	<p><b>Component Description:</b> KGA 947-40 v190506pmv1</p> <p><b>Amount:</b> \$2,700.00</p> <p><b>Component Description:</b> KGA 947-41 v190506pmv1</p> <p><b>Amount:</b> \$4,050.00</p> <p><b>Component Description:</b> KGA 947-66 v190528jgv2</p> <p><b>Amount:</b> \$3,800.00</p> <p><b>Component Description:</b> KGA 947-92 v190506pmv1</p> <p><b>Amount:</b> \$2,700.00</p>
RF Exposure Measurements	<p><b>Component Description:</b> KGA 947-101 v190506pmv1</p> <p><b>Amount:</b> \$450.00</p> <p><b>Component Description:</b> Inv: WJXT RF exposure study UL20180227</p> <p><b>Amount:</b> \$4,400.00</p>
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 - 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	<p><b>Component Description:</b> KGA 947-91 v190506pmv1</p> <p><b>Amount:</b> \$1,500.00</p>
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	<p><b>Component Description:</b> KGA 947-25 v190503pmv1</p> <p><b>Amount:</b> \$3,000.00</p> <p><b>Component Description:</b> KGA 947-18 CP APP v190523jgv3</p> <p><b>Amount:</b> \$3,000.00</p>

<p>Perform engineering study for new channel assignment and antenna development</p>	<p><b>Component Description:</b> KGA 947-18 Perform eng study v190523jgv3 <b>Amount:</b> \$7,000.00</p> <p><b>Component Description:</b> KGA 947-25 v190503pmv1 <b>Amount:</b> \$7,000.00</p>
<p>Address transition timing and coordination issues w/ other stations and wireless</p>	<p>Information not provided.</p>
<p>Prepare and or review reimbursement form</p>	<p><b>Component Description:</b> KGA 947-11 v190503pmv1 <b>Amount:</b> \$2,500.00</p> <p><b>Component Description:</b> KGA inv #947-76 Actual Cost Invs UL20190307jgv2 <b>Amount:</b> \$1,250.00</p> <p><b>Component Description:</b> KGA 947-105 v190506pmv1 <b>Amount:</b> \$3,387.50</p>
<p>Project management of the transition</p>	<p><b>Component Description:</b> Inv 947-31 WJXT PM 387 2017 Q4 UL20180531jgv2 <b>Amount:</b> \$300.00</p> <p><b>Component Description:</b> KGA 947-33 v190503pmv1 <b>Amount:</b> \$300.00</p>

**Component Description:** Inv 947-30 WJXT  
PM 387 2017 Q4  
UL20180621jgv1  
**Amount:** \$300.00

**Component Description:** Inv: WJXT Project  
Management  
UL20180227 50%  
to WJXT 50% to  
WCWJ  
**Amount:** \$2,257.50

**Component Description:** KGA inv 947-18 will  
not be applied to  
this component.  
**Amount:** N/A

**Component Description:** KGA inv #947-107  
Form 387 2018 Q3  
UL20181109jgv1  
**Amount:** \$300.00

**Component Description:** KGA 947-55  
v190506pmv1  
**Amount:** \$300.00

**Component Description:** KGA 947-80  
v190506pmv1  
**Amount:** \$300.00

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**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
<b>Other Expenses</b>	<b>\$294,020.69</b>	<b>\$293,720.69</b>		<b>\$67,047.33</b>	
Sales Tax	<i>\$25,000.00</i>	\$25,000.00	Sales Tax	\$8,023.75	N/A
STL System	<i>\$85,895.19</i>	\$85,895.19	STL required at interim site. See attached STL quotes from Vernick Technology, Inc. and Data Flow Communications.	\$46,929.98	N/A
MVPD Notification of Channel Change	<i>\$2,000.00</i>	\$2,000.00	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
Equipment Storage	<i>\$25,000.00</i>	\$25,000.00	N/A	\$6,645.10	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$59,380.50</i>	\$59,380.50	See attached Rohde & Schwarz Quote Number 190380.0 (WJXT Interim Decom)	\$2,173.50	N/A
Non-zoning permits	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
Local Zoning	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A



FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$195.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,250.00	N/A	\$3,275.00	N/A
Equipment Delivery and Handling Charges	<i>\$25,000.00</i>	\$25,000.00	N/A	\$0.00	N/A
<b>Sub-total</b>	\$294,020.69	\$293,720.69	N/A	\$67,047.33	N/A
<b>Total for all systems</b>	\$11,059,285.26	\$7,085,213.96	N/A	\$5,776,023.67	N/A

## Components

Actual Information	
Description	File Name
Sales Tax	<p><b>Component Description:</b> Die ST572035 v190924pmv1</p> <p><b>Amount:</b> \$302.51</p> <p><b>Component Description:</b> WJXT R&amp;S inv #9500083892 Interim Electrical sales tax UL20180807jgv1</p> <p><b>Amount:</b> \$7,145.50</p> <p><b>Component Description:</b> FLORIDA SALES TAX</p> <p><b>Amount:</b> \$878.25</p>

STL System	<p><b>Component Description:</b> WJXT Interim STL System - Data Flow (NET30 Payment)</p> <p><b>Amount:</b> \$27,977.19</p> <p><b>Component Description:</b> WJXT Interim STL System (Expenses)</p> <p><b>Amount:</b> \$224.56</p> <p><b>Component Description:</b> Vernick 3579 v190906jgv1</p> <p><b>Amount:</b> \$37,905.58</p> <p><b>Component Description:</b> WJXT Interim STL System (NET30 Payment)</p> <p><b>Amount:</b> \$18,952.79</p>
MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Storage	<p><b>Component Description:</b> Four additional storage containers required</p> <p><b>Amount:</b> \$5,650.00</p> <p><b>Component Description:</b> WJXT Interim Equipment Storage Container Payment (Quote &amp; Invoices)</p> <p><b>Amount:</b> \$995.10</p>

<p>Disposal Costs (for equipment and other waste, net of any salvage value)</p>	<p><b>Component Description:</b> WJXT R&amp;S inv #9500083845 Dumpster UL20180807jgv1</p> <p><b>Amount:</b> \$1,123.50</p> <p><b>Component Description:</b> 2nd Dumpster</p> <p><b>Amount:</b> \$1,050.00</p>
<p>Non-zoning permits</p>	<p>Information not provided.</p>
<p>Local Zoning</p>	<p>Information not provided.</p>
<p>FCC Filing Fees - Special Temporary Authorization request</p>	<p>Information not provided.</p>
<p>DTV Medical Facility Notification</p>	<p><b>Component Description:</b> RF Notifs 1348 v190925jgv1</p> <p><b>Amount:</b> \$3,275.00</p>
<p>Equipment Delivery and Handling Charges</p>	<p><b>Component Description:</b> Die 576032 v190920pmv1</p> <p><b>Amount:</b> \$144.11</p>

**Cost Information** **Grand Total**

	<b>Predetermined Cost Estimate</b>	<b>Estimated Cost</b>	<b>Actual Cost</b>
<b>Total for all systems</b>	\$11,059,285.26	\$7,085,213.96	\$5,776,023.67

**Reimbursement Status**

<b>Question</b>	<b>Response</b>
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
	<p><b>Submission of Estimated Expenses Statements</b></p>	<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"> <li>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.</li> <li>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>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.</li> </ol>	

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*

11/12/2019

Certification	Section	Question	Response
	<p><b>Submission of Actual Cost Documentation Statements</b></p>	<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"> <li>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.</li> <li>2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.</li> <li>3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> </ol>	



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 above-named applicant for the Authorization(s) specified above.

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

11/12/2019

## Attachments