



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **71326** | Service: **DTV** | Call **WDBD** | Channel: **14 (UHF)** |  
ID: | Sign:  
File **0000024800**  
Number:  
FRN: **0021937883** | Date **11/30**  
Submitted: **/2020**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>WDBD LICENSE</b>	Paul	+1	periksen@americanspiritmedia.	Limited
<b>SUBSIDIARY, LLC</b>	Eriksen	(706)	com	Liability
Doing Business As:	PO Box	494-		Company
WDBD LICENSE	28273	5426		
SUBSIDIARY, LLC	Charlotte, NC 28273 United States			

## 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
The Preparer is same as the reimbursement contact.			

## Broadcaster Information and Transition Plan

Question	Response
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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	Install interim (shared) antenna on existing interim tower Remove existing shared antenna and replace with individual antennas and lines Transmitter Plan attached

## Transmitters

Section	Question	Response
<b>Transmitter Related Expenses</b>	Do you have transmitter related expenses?	Yes

**Auxiliary  
Transmitter****Add Transmitter Information**

Section	Question	Response
<b>Existing Transmitter Description</b>	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Emergency Backup
	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	TBA
	Year	2003
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	1.2 kW

**Auxiliary  
Transmitter****New Transmitter Costs**

Section	Question	Response
<b>New Transmitter</b>	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	UAXTE-2
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	1.1 kW
	Justification for New Transmitter	Existing transmitter can not be retuned

**Auxiliary  
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?	No
	Size	N/A
<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

**Auxiliary Transmitter**      **Other Transmitter Cost Not Listed**  
Information not provided.

**Primary  
Transmitter**

**Existing Transmitter Information**

Section	Question	Response
<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	DCX
	Year	2003
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	40 kW

**Primary  
Transmitter**

**New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	ULXTE-50
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	30.1 kW
	Justification for New Transmitter	Existing transmitter can not be retuned Headroom analysis attached

**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	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes

	Description	EMT distribution to transmitters from switchgear. Quote attached: WDBD Permanent TRANSMITTERS
<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?	No
	Size	N/A
<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
<b>Transmitter de-install</b>	removal of existing transmitters and electrical prior to permanent tx install.



**Interim  
Transmitter**

**New Transmitter Costs**

Section	Question	Response
<b>New Transmitter</b>	Use	Interim
	Description of Use	N/A
	Change Type	Purchase
	Manufacturer	
	Model	ULXTE-60
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	30 kW
	Justification for New Transmitter	existing transmitters have to be removed prior to installing new mains due to space issues. Interim tx to be installed in leased building. Please see attachment: WDBD WLOO Plan rev c. docx

**Interim  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
<b>Electrical Service</b>	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	Yes

	Transformer (480V)	Yes
	Power	300 kVA
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	EMT conduit for distribution from switchgear to transmitters. Quote attached: WDBD WLOO Interim TRANSMITTERS
<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?	No
	Size	N/A
<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	1
<b>Inside RF System</b>	Is an additional interior RF system required to support this interim transmitter?	Yes

**Interim  
Transmitter**

**Other Transmitter Cost Not Listed**

Information not provided.

**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?	Yes
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
<b>Existing Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Other
	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	Broadband Slot
	ERP: (Effective Radiated Power) .....	981.0 kW

	Manufacturer	
	Model	ATW28h3-HST1-40H
	Year	2003

**Facility ID's and Call Signs of  
all stations with whom the  
antenna is shared.**

Facility ID	Call Sign
84253	WLOO

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?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	555.0 kW
	Manufacturer	

Model	TFU-28JSA /VP-R 3T180
Year	2019
Justification for New Antenna	existing shared broadband slot can not be retuned. (cut for ch 40/41) Station will install a new single channel antenna as it is less expensive than installing a combined shared system. E- pol premium is not reimbursable

## Primary Antenna

### Other Antenna Costs

Section	Question	Response
<b>Combiner for Shared Antenna</b>	Do you need a Combiner for a Shared Antenna?	No
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
<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 a high power 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

**Primary  
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?	No
<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	24
	Lower Limit	470.00 MHz
	Upper Limit	584.00 MHz
	Design power capacity in use	90.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	350.0 kW
	Manufacturer	
	Model	TFU-WB24
	Year	2019

	Justification for New Antenna	Interim during antenna and line change
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## 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?	Yes
<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?	No
<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
41
40

**Interim  
Antenna**

**Other Antenna Cost Not Listed**

Information not provided.

**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?	Yes
	Is Transmission Line in operating condition?	Yes
<b>Existing Transmission Line Manufacturer and Type</b>	Manufacturer	
	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	2060 feet per run

**Facility ID's and Call Signs of all stations with whom the transmission line is shared.**

Facility ID	Call Sign
84253	WLOO

**Primary** **New Transmission Line**  
**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?	No
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	2030 feet per run
	Justification for New Transmission Line	existing broadband can not be retuned to work at Ch-14 and will be used as shared interim facility with WLOO Network analysis composite attached

**Primary** **Other Transmission Line Expenses Not Listed**  
**Transmission Line**

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	6 1/8 inches
	Segment Length	Broadband
	Other Segment Length	
	Number of parallel runs	1
	Length	750 feet per run
	Justification for New Transmission Line	Justification and costs contained in attachment: WDWD WLOO Interim Line. docx

**Interim**  
**Transmission Line**

**Other Transmission Line Expenses Not Listed**

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
	Ownership	Owned
	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?	No
	ASR Number	
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	32° 12' 49.9" N-
	Longitude (NAD83)	090° 22' 56.5" W-
	Overall Structure Height	745.00 feet
	Support Structure Height	700.00 feet
	Ground Elevation Above Mean Sea Level (AMSL)	410.00 feet



Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
Tower Owner	WLBT
Date Constructed	02/02/2006

### 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
Removal of dormant equip	To allow installation of interim antenna and line

## Primary Tower

### Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	No
	ASR Number	
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	32° 12' 49.9" N-
	Longitude (NAD83)	090° 22' 56.5" W-
	Overall Structure Height	1998.01 feet
	Support Structure Height	1879.90 feet
	Ground Elevation Above Mean Sea Level (AMSL)	410.10 feet
	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	WLBT, LLC

	Date Constructed	08/02/1999
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**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
37177	WSTZ-FM	FM
68542	WLBT	DTV
59822	WMSI-FM	FM
84253	WLOO	DTV

**Primary  
Tower**

**Tower Modification Costs**

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

**Primary  
Tower**

**Tower Rigging Costs**

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

**Primary  
Tower**

**Other Tower Expenses Not Listed**

Information not provided.

**Outside  
Professional Services Costs**

Section	Question	Response
<b>Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	300
	Explanation	Pattern analysis Antenna Spec Transmitter Spec Building drawings Installation Supervision Accounting Internal Legal
<b>Outside RF consulting Engineering Services</b>	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

<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	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	No
	Address transition timing and coordination issues w/ other stations and wireless providers	No
<b>RF Field Engineering Services</b>	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	No
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

Name	Description
Attorney - Other Matters	Legal Services

## 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	No
	Non-zoning permits	No
	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)?	No
	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
Equipment Shelter Repairs	Repair wall at the equipment shelter
Security service	Armed security provided by vendor to the equipment shelter site



## 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 ULXTE-60</b>	<b>\$1,267,980.50</b>	<b>\$1,214,995.18</b>		<b>\$975,313.81</b>	
UHF inside RF system including switching	\$147,500.00	\$93,930.00	Dielectric quote 981002 Line 1 attached	N/A	N/A
Channel 14 -- Additional field engineering time, 1 days	<i>\$6,400.00</i>	\$6,400.00	N/A	N/A	N/A
Other Electrical Service: EMT conduit for distribution from switchgear to transmitters. Quote attached: WDBD WLOO Interim TRANSMITTERS	<i>\$92,080.50</i>	\$92,080.50	Please see attached quote from WDBD H&H Electrical - Interim Transmitter	\$0.00	N/A
Transformer 3 phase/480v - 300 KVA	\$36,800.00	\$35,000.00	N/A	N/A	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$0.00	included in electrical quote	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$987,584.68	Quote attached (per change order Q-76402)	\$975,313.81	N/A

<b>Primary Transmitter ULXTE-50</b>	<b>\$1,407,310.00</b>	<b>\$1,373,715.81</b>		<b>\$1,257,111.28</b>	
Transmitter de-install	<b>\$33,420.00</b>	\$33,420.00	Quote attached Raycom - Clinton Quote WDBD	N/A	N/A
RF Consulting Engineer	\$5,260.00	\$5,000.00	N/A	\$5,000.00	N/A
Other Electrical Service: EMT distribution to transmitters from switchgear. Quote attached: WDBD Permanent TRANSMITTERS	<b>\$157,130.00</b>	\$157,130.00	Please see attached quote from WDBD H&H Electrical - Primary Transmitter	\$139,776.75	N/A
Transformer 3 phase/480v - 300 KVA	\$36,800.00	\$35,000.00	N/A	\$5,468.72	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$1,106,865.81	Quote attached; Headroom analysis attached; Justifying Quote - WDBD GatesAir revised Q-71345 (taxes and freight) & CDW Direct	\$1,106,865.81	.
Channel 14 Mask Filter	\$189,500.00	\$0.00	included in main tx quote	N/A	N/A

<b>Auxiliary Transmitter UAXTE-2</b>	<b>\$315,500.00</b>	<b>\$69,160.55</b>		<b>\$62,839.97</b>	
Channel 14 Mask Filter	\$189,500.00	\$0.00	included in backup transmitter quote	N/A	N/A
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	\$126,000.00	\$69,160.55	Quote attached	\$62,839.97	N/A
<b>Sub-total</b>	<b>\$2,990,790.50</b>	<b>\$2,657,871.54</b>	<b>N/A</b>	<b>\$2,295,265.06</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$5,241,133.85</b>	<b>\$4,698,795.81</b>	<b>N/A</b>	<b>\$4,006,681.12</b>	<b>N/A</b>

## Components

<b>Actual Information</b>	
<b>Description</b>	<b>File Name</b>
UHF inside RF system including switching	Information not provided.
Channel 14 -- Additional field engineering time, 1 days	Information not provided.
Other Electrical Service: EMT conduit for distribution from switchgear to transmitters. Quote attached: WDBD WLOO Interim TRANSMITTERS	Information not provided.
Transformer 3 phase/480v - 300 KVA	Information not provided.
Switchgear - industrial 800 amp	Information not provided.

UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	<table> <tr> <td data-bbox="699 174 1007 250"><b>Component Description:</b> <b>Amount:</b></td><td data-bbox="1139 174 1362 250">Interim Transmitter \$301,415.02</td></tr> <tr> <td data-bbox="699 353 1007 430"><b>Component Description:</b> <b>Amount:</b></td><td data-bbox="1139 353 1362 430">Interim Transmitter \$312,445.80</td></tr> <tr> <td data-bbox="699 533 1007 609"><b>Component Description:</b> <b>Amount:</b></td><td data-bbox="1139 533 1286 609">ULXTE-60 \$361,452.99</td></tr> </table>	<b>Component Description:</b> <b>Amount:</b>	Interim Transmitter \$301,415.02	<b>Component Description:</b> <b>Amount:</b>	Interim Transmitter \$312,445.80	<b>Component Description:</b> <b>Amount:</b>	ULXTE-60 \$361,452.99
<b>Component Description:</b> <b>Amount:</b>	Interim Transmitter \$301,415.02						
<b>Component Description:</b> <b>Amount:</b>	Interim Transmitter \$312,445.80						
<b>Component Description:</b> <b>Amount:</b>	ULXTE-60 \$361,452.99						
Transmitter de-install	Information not provided.						
RF Consulting Engineer	<table> <tr> <td data-bbox="699 819 1007 896"><b>Component Description:</b> <b>Amount:</b></td><td data-bbox="1139 819 1302 896">RF consulting \$5,000.00</td></tr> </table>	<b>Component Description:</b> <b>Amount:</b>	RF consulting \$5,000.00				
<b>Component Description:</b> <b>Amount:</b>	RF consulting \$5,000.00						

Other Electrical Service:  
EMT distribution to  
transmitters from  
switchgear. Quote  
attached: WDBD  
Permanent  
TRANSMITTERS

**Component Description:**

Final Draw on  
temporary  
transmitter site  
\$21,780.50

**Amount:**

**Component Description:**

Draw for electrical  
installation on new  
transmitters  
\$20,700.00

**Amount:**

**Component Description:**

Construction Draw  
for electrical panels  
for the new  
transmitter building  
\$20,700.00

**Amount:**

**Component Description:**

Construction Draw  
\$28,980.00

**Amount:**

**Component Description:**

Construction Draw  
\$22,000.00

**Amount:**

**Component Description:**

Final Construction  
Draw on permanent  
transmitter site  
\$25,616.25

**Amount:**

Transformer 3 phase/480v - 300 KVA	<div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> WDBD-110-1st Primary Transmitter - 3 Phase, 480 V, 300 KVA Transformer \$2,968.72 </div> </div> <div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> TRANSFORMER 6-50 / 6-75 UHF 3 ST \$2,500.00 </div> </div>
Switchgear - industrial 800 amp	Information not provided.
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	<div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> Transmitter, Mask Filter Saystem, RF Accessories, Electrical \$243,428.87 </div> </div> <div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> STARTECH 50 PKG 10-32 Screws &amp; Nuts \$620.44 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Primary Transmitter \$156,815.23 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> A. Transmitter \$78,740.37 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> ULXTE-50 \$104,543.48 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Primary Transmitter \$522,717.42 </div> </div>

Channel 14 Mask Filter	Information not provided.	
Channel 14 Mask Filter	Information not provided.	
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	<b>Component Description:</b> <b>Amount:</b>	UAXTE-2-E \$6,916.06
	<b>Component Description:</b> <b>Amount:</b>	Transmitter, Mask Filter Saystem, Electrical, Installation & Proof \$34,580.28
	<b>Component Description:</b> <b>Amount:</b>	Transmitter, Mask Filter Saystem, Electrical, Installation & Proof \$10,374.08
	<b>Component Description:</b> <b>Amount:</b>	WDBD-150-1st Auxiliary Transmitter - UHF Air Cooled Solid State, 1-2.5 kW \$620.44
	<b>Component Description:</b> <b>Amount:</b>	UAXTE-2 Transmitter \$10,349.11

## 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-WB24</b>	<b>\$392,123.00</b>	<b>\$471,367.87</b>		<b>\$431,862.87</b>	
Combiner output splitting /switching for dual feed lines, if applicable	\$126,000.00	\$25,310.00	Dielectric Quote 981002 line 3 and Justifying Change Order WDBD Dielectric 1052003 CO 07172018	\$5,320.00	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$264,464.87	per Estimated Cost Justification WDBD-280- Interim Antenna - New Combiner v0	\$251,009.87	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$5,760.00	N/A



UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 350 kW input, directional,, horizontally polarized	<b>\$175,193.00</b>	\$175,193.00	quote attached	\$169,773.00	N/A
<b>Primary Antenna TFU-28JSA /VP-R 3T180</b>	<b>\$215,408.36</b>	<b>\$213,665.26</b>		<b>\$208,665.26</b>	
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$21,750.00	Quote attached	\$21,750.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,646.90	see Estimated Cost Justification WDBD-210-Sweep test New Primary Antenna V0	\$6,646.90	N/A
UHF - High Power, Side Mount, basic slot antenna, 555 kW input, directional,, elliptically or circularly polarized	<b>\$180,268.36</b>	\$180,268.36	See Estimated Cost Justification WDBD-210-Primary Antenna - UHF High Power Side Mount, Directional, E-POL V0	\$180,268.36	N/A

Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	N/A	N/A
<b>Sub-total</b>	\$607,531.36	\$685,033.13	N/A	\$640,528.13	N/A
<b>Total for all systems</b>	\$5,241,133.85	\$4,698,795.81	N/A	\$4,006,681.12	N/A

## Components

Actual Information	
Description	File Name
Combiner output splitting /switching for dual feed lines, if applicable	<p><b>Component Description:</b> OTHER FR SCOUT PLUS MONITOR W /2 STD PWR</p> <p><b>Amount:</b> \$5,320.00</p>

New combiner, cost per channel (without antenna)	<table> <tr> <td data-bbox="687 174 995 208"><b>Component Description:</b></td><td data-bbox="1129 174 1318 241">Interim Antenna Combiner</td></tr> <tr> <td data-bbox="687 255 798 288"><b>Amount:</b></td><td data-bbox="1129 255 1262 288">\$57,848.63</td></tr> <tr><td colspan="2"> </td></tr> <tr> <td data-bbox="687 396 995 430"><b>Component Description:</b></td><td data-bbox="1129 396 1358 463">RF SYSTEM 60KW TUNABLE</td></tr> <tr> <td data-bbox="687 477 798 510"><b>Amount:</b></td><td data-bbox="1129 477 1262 510">\$18,120.36</td></tr> <tr><td colspan="2"> </td></tr> <tr> <td data-bbox="687 616 995 649"><b>Component Description:</b></td><td data-bbox="1129 616 1358 683">INTERCONNECTS FOR COMBINER</td></tr> <tr> <td data-bbox="687 696 798 730"><b>Amount:</b></td><td data-bbox="1129 696 1246 730">\$1,495.00</td></tr> <tr><td colspan="2"> </td></tr> <tr> <td data-bbox="687 835 995 869"><b>Component Description:</b></td><td data-bbox="1129 835 1246 869">Combiner</td></tr> <tr> <td data-bbox="687 882 798 916"><b>Amount:</b></td><td data-bbox="1129 882 1278 916">\$115,697.25</td></tr> <tr><td colspan="2"> </td></tr> <tr> <td data-bbox="687 1021 995 1055"><b>Component Description:</b></td><td data-bbox="1129 1021 1334 1055">Interim Combiner</td></tr> <tr> <td data-bbox="687 1068 798 1102"><b>Amount:</b></td><td data-bbox="1129 1068 1262 1102">\$57,848.63</td></tr> </table>	<b>Component Description:</b>	Interim Antenna Combiner	<b>Amount:</b>	\$57,848.63			<b>Component Description:</b>	RF SYSTEM 60KW TUNABLE	<b>Amount:</b>	\$18,120.36			<b>Component Description:</b>	INTERCONNECTS FOR COMBINER	<b>Amount:</b>	\$1,495.00			<b>Component Description:</b>	Combiner	<b>Amount:</b>	\$115,697.25			<b>Component Description:</b>	Interim Combiner	<b>Amount:</b>	\$57,848.63
<b>Component Description:</b>	Interim Antenna Combiner																												
<b>Amount:</b>	\$57,848.63																												
<b>Component Description:</b>	RF SYSTEM 60KW TUNABLE																												
<b>Amount:</b>	\$18,120.36																												
<b>Component Description:</b>	INTERCONNECTS FOR COMBINER																												
<b>Amount:</b>	\$1,495.00																												
<b>Component Description:</b>	Combiner																												
<b>Amount:</b>	\$115,697.25																												
<b>Component Description:</b>	Interim Combiner																												
<b>Amount:</b>	\$57,848.63																												
Sweep test of existing antenna	<table> <tr> <td data-bbox="687 1225 995 1258"><b>Component Description:</b></td><td data-bbox="1129 1225 1353 1337">WDBD-280-Interim Antenna - Sweep Test</td></tr> <tr> <td data-bbox="687 1350 798 1384"><b>Amount:</b></td><td data-bbox="1129 1350 1246 1384">\$5,760.00</td></tr> </table>	<b>Component Description:</b>	WDBD-280-Interim Antenna - Sweep Test	<b>Amount:</b>	\$5,760.00																								
<b>Component Description:</b>	WDBD-280-Interim Antenna - Sweep Test																												
<b>Amount:</b>	\$5,760.00																												

UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 350 kW input, directional,, horizontally polarized	<b>Component Description:</b>		Interim Antenna
	<b>Amount:</b>		\$87,596.50
	<b>Component Description:</b>		Antennas, Elbow, EIA Length, Reducer, Test Transition, Repack Sweep
	<b>Amount:</b>		\$15,818.95
	<b>Component Description:</b>		Antennas, Elbow, EIA Length, Reducer, Test Transition, Repack Sweep
	<b>Amount:</b>		\$17,519.30
	<b>Component Description:</b>		Elbow
	<b>Amount:</b>		\$5,040.00
	<b>Component Description:</b>		Antennas, elbow, EIA length, reducer, test transition, on-site engineer
	<b>Amount:</b>		\$43,798.25

<p>Side mount brackets for high power antennas (if not included in antenna base cost)</p>	<p><b>Component Description:</b></p>	<p>SIDE MOUNT BRACKETS FOR HIGH POWER ANTENNAS (IF NOT INCLUDED IN ANTENNA BASE COST)</p>
	<p><b>Amount:</b></p>	<p>\$3,262.50</p>
	<p><b>Component Description:</b></p>	<p>Side Mount Bracket</p>
	<p><b>Amount:</b></p>	<p>\$2,175.00</p>
	<p><b>Component Description:</b></p>	<p>Side Mount Bracket</p>
	<p><b>Amount:</b></p>	<p>\$10,875.00</p>
	<p><b>Component Description:</b></p>	<p>Primary Antenna - Side Mount Brackets</p>
	<p><b>Amount:</b></p>	<p>\$5,437.50</p>

Sweep test of existing antenna	<b>Component Description:</b>	WDBD Jackson, MS
	<b>Amount:</b>	engineering services \$246.90
	<b>Component Description:</b>	Sweep Test
	<b>Amount:</b>	\$3,200.00
	<b>Component Description:</b>	INCLUDES ONE FIELD ENGINEER ON-SITE FOR ONE DAY, TRAVEL, EXPENSES AND REPORT
	<b>Amount:</b>	\$960.00
	<b>Component Description:</b>	Sweep Test
	<b>Amount:</b>	\$1,600.00
	<b>Component Description:</b>	Sweep Test
	<b>Amount:</b>	\$640.00

<p>UHF - High Power, Side Mount, basic slot antenna, 555 kW input, directional,, elliptically or circularly polarized</p>	<table> <tr> <td data-bbox="687 174 997 248"> <b>Component Description:</b>  <b>Amount:</b> </td><td data-bbox="1129 174 1414 248"> Antenna  \$18,487.50 </td></tr> <tr> <td data-bbox="687 353 997 506"> <b>Component Description:</b>  <b>Amount:</b> </td><td data-bbox="1129 353 1414 506"> UHF - LOWER POWER SIDE MOUNT  \$5,334.38 </td></tr> <tr> <td data-bbox="687 611 997 763"> <b>Component Description:</b>  <b>Amount:</b> </td><td data-bbox="1129 611 1414 763"> FREIGHT, SHIPPING, AND HANDLING  \$11,158.36 </td></tr> <tr> <td data-bbox="687 869 997 1021"> <b>Component Description:</b>  <b>Amount:</b> </td><td data-bbox="1129 869 1414 1021"> Lower power side mount, side mount brackets,  \$84,555.00 </td></tr> <tr> <td data-bbox="687 1126 997 1240"> <b>Component Description:</b>  <b>Amount:</b> </td><td data-bbox="1129 1126 1414 1240"> ELBOW COMPLEX, SINGLE CHANNEL  \$1,544.62 </td></tr> <tr> <td data-bbox="687 1346 997 1420"> <b>Component Description:</b>  <b>Amount:</b> </td><td data-bbox="1129 1346 1414 1420"> Primary Antenna  \$42,277.50 </td></tr> <tr> <td data-bbox="687 1525 997 1794"> <b>Component Description:</b>  <b>Amount:</b> </td><td data-bbox="1129 1525 1414 1794"> Side Mount, Side Mount Brackets, Elbow Complex, Rigid Transmission Line, Repack Sweep, Repack Vpol  \$16,911.00 </td></tr> </table>	<b>Component Description:</b> <b>Amount:</b>	Antenna \$18,487.50	<b>Component Description:</b> <b>Amount:</b>	UHF - LOWER POWER SIDE MOUNT \$5,334.38	<b>Component Description:</b> <b>Amount:</b>	FREIGHT, SHIPPING, AND HANDLING \$11,158.36	<b>Component Description:</b> <b>Amount:</b>	Lower power side mount, side mount brackets, \$84,555.00	<b>Component Description:</b> <b>Amount:</b>	ELBOW COMPLEX, SINGLE CHANNEL \$1,544.62	<b>Component Description:</b> <b>Amount:</b>	Primary Antenna \$42,277.50	<b>Component Description:</b> <b>Amount:</b>	Side Mount, Side Mount Brackets, Elbow Complex, Rigid Transmission Line, Repack Sweep, Repack Vpol \$16,911.00
<b>Component Description:</b> <b>Amount:</b>	Antenna \$18,487.50														
<b>Component Description:</b> <b>Amount:</b>	UHF - LOWER POWER SIDE MOUNT \$5,334.38														
<b>Component Description:</b> <b>Amount:</b>	FREIGHT, SHIPPING, AND HANDLING \$11,158.36														
<b>Component Description:</b> <b>Amount:</b>	Lower power side mount, side mount brackets, \$84,555.00														
<b>Component Description:</b> <b>Amount:</b>	ELBOW COMPLEX, SINGLE CHANNEL \$1,544.62														
<b>Component Description:</b> <b>Amount:</b>	Primary Antenna \$42,277.50														
<b>Component Description:</b> <b>Amount:</b>	Side Mount, Side Mount Brackets, Elbow Complex, Rigid Transmission Line, Repack Sweep, Repack Vpol \$16,911.00														
<p>Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)</p>	<p>Information not provided.</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
Interim Transmission Line	\$174,000.00	\$121,011.15		\$115,251.15	
Rigid Transmission Line - copper, 6 1/8" broadband	\$174,000.00	\$121,011.15	Estimated Cost Justification WDBD-380-Interim Transmission Line - Broadband, Rigid Copper, 6 1: 8" v0	\$115,251.15	N/A
Primary Transmission Line	\$410,060.00	\$311,120.60		\$309,483.74	
Rigid Transmission Line - copper, 6 1/8"	\$410,060.00	\$311,120.60	see Estimated Cost Justification WDBD-310-Primary Transmission Line - Rigid Copper, 6 1_8_ v2	\$309,483.74	N/A
Sub-total	\$584,060.00	\$432,131.75	N/A	\$424,734.89	N/A
Total for all systems	\$5,241,133.85	\$4,698,795.81	N/A	\$4,006,681.12	N/A

Components

Actual Information Description	File Name
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Rigid Transmission Line - copper, 6 1/8" broadband	<b>Component Description:</b>	transmission line, engineer on-site
	<b>Amount:</b>	\$53,240.31
	<b>Component Description:</b>	RIGID TRANSMISSION LINE - COPPER
	<b>Amount:</b>	\$6,151.18
	<b>Component Description:</b>	FREIGHT, SHIPPING, AND HANDLING
	<b>Amount:</b>	\$878.84
Rigid Transmission Line - copper, 6 1/8"	<b>Component Description:</b>	FREIGHT, SHIPPING, AND HANDLING
	<b>Amount:</b>	\$1,740.51
	<b>Component Description:</b>	Invoice moved to correct category
	<b>Amount:</b>	N/A
	<b>Component Description:</b>	Transmission line, field engineer
	<b>Amount:</b>	\$53,240.31
Rigid Transmission Line - copper, 6 1/8"	<b>Component Description:</b>	OTHER FLANGE ASSY 6 1/8 UHF SOLDER
	<b>Amount:</b>	\$1,174.19
	<b>Component Description:</b>	WDBD-310-Primary Transmission Line - Rigid Copper, 6 1/8"
	<b>Amount:</b>	\$5,528.50

<b>Component Description:</b>	WDBD-310-Primary Transmission Line - Rigid Copper, 6 1/8"
<b>Amount:</b>	\$17,297.67

<b>Component Description:</b>	Measure TX line
<b>Amount:</b>	\$3,527.17

<b>Component Description:</b>	Rigid Transmission Line Cooper
<b>Amount:</b>	\$30,985.46

<b>Component Description:</b>	Primary Transmission Line
<b>Amount:</b>	\$60,856.60

<b>Component Description:</b>	WDBD-310-Primary Transmission Line - Rigid Copper, 6 1/8"
<b>Amount:</b>	\$28,538.31

<b>Component Description:</b>	WDBD-310-Primary Transmission Line - Rigid Copper, 6 1/8"
<b>Amount:</b>	\$15,520.00

<b>Component Description:</b>	Primary Transmission Line
<b>Amount:</b>	\$24,342.64

<b>Component Description:</b>	Primary Transmission Line
<b>Amount:</b>	\$121,713.20

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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>Primary Tower</b>	<b>\$381,100.00</b>	<b>\$382,438.40</b>		<b>\$288,697.40</b>	
<b>TOWER</b>					
Tall Tower (greater than 500')	\$210,500.00	\$200,000.00	N/A	\$200,000.00	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	N/A	\$56,259.00	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$32,438.40	per invoices received: FDH Infrastructure Services, LLC. invoices E-162622 & E-162623.	\$32,438.40	Per invoices received
<b>Auxiliary Tower</b>	<b>\$442,770.00</b>	<b>\$221,889.00</b>		<b>\$207,554.50</b>	
<b>GTOWER</b>					
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$5,750.00	Structural analysis Quote attached	\$4,500.00	N/A

Tall Tower (greater than 500')	\$210,500.00	\$150,000.00	Per Tower King II, Inc Proposal additional cost estimate for installing interim 6" line (700'). Antenna install cost contained in main tower estimate	\$150,000.00	N/A
Removal of dormant equip	<b>\$47,970.00</b>	\$47,970.00	Quote from Centerline; Centerline Invoice #2414	\$47,970.00	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$18,169.00	Stainless quote (parts): \$10,169 quote attached. Labor to install estimate: \$8,000	\$5,084.50	N/A
<b>Sub-total</b>	\$823,870.00	\$604,327.40	N/A	\$496,251.90	N/A
<b>Total for all systems</b>	\$5,241,133.85	\$4,698,795.81	N/A	\$4,006,681.12	N/A

## Components

**Actual Information**  
**Description**

**File Name**

Tall Tower (greater than 500')		
	<b>Component Description:</b>	Completion of Structural Modification for Repack Antenna Installation
	<b>Amount:</b>	\$100,000.00
	<b>Component Description:</b>	Down payment and mobilization for the Repack Antenna Installation
	<b>Amount:</b>	\$50,000.00
	<b>Component Description:</b>	Progress Payment for the Repack Antenna Installation
	<b>Amount:</b>	\$50,000.00

Minor tower reinforcement /modifications		
	<b>Component Description:</b>	Modification
		Material
		Transmission line
		support material
	<b>Amount:</b>	\$9,452.00
	<b>Component Description:</b>	Temporary Frame
	<b>Amount:</b>	\$3,024.50
	<b>Component Description:</b>	Engineering -
		material only
	<b>Amount:</b>	\$18,754.00
	<b>Component Description:</b>	Modification
		materials to
		upgrade the
		existing tower
	<b>Amount:</b>	\$3,250.00
	<b>Component Description:</b>	STNLSA STNL
		Material Only
	<b>Amount:</b>	\$3,024.50
	<b>Component Description:</b>	Engineering -
		material only
	<b>Amount:</b>	\$18,754.00

Structural engineering  
tower load study for well  
documented tower

**Component Description:** engineering -  
structural analysis  
**Amount:** \$2,750.00

**Component Description:** STNLSA STNL  
Structural Analysis  
**Amount:** \$5,084.50

**Component Description:** STNLSA STNL  
Structural Analysis  
**Amount:** \$2,875.00

**Component Description:** Engineering -  
structural analysis  
**Amount:** \$2,750.00

**Component Description:** STNLSA STNL  
Structural Analysis  
**Amount:** \$2,875.00

**Component Description:** Inspection and  
mapping services  
**Amount:** \$6,651.90

**Component Description:** STNLSA STNL  
Structural Analysis  
**Amount:** \$9,452.00

<p>Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study</p>	<table> <tr> <td data-bbox="694 87 1093 481"><b>Component Description:</b></td><td data-bbox="1093 87 1426 481">WDBD-450-Existing Auxiliary Tower - Tower Mapping Undocumented /Poorly Documented Tower</td></tr> <tr> <td data-bbox="694 481 1093 584"><b>Amount:</b></td><td data-bbox="1093 481 1426 584">\$4,500.00</td></tr> </table>	<b>Component Description:</b>	WDBD-450-Existing Auxiliary Tower - Tower Mapping Undocumented /Poorly Documented Tower	<b>Amount:</b>	\$4,500.00								
<b>Component Description:</b>	WDBD-450-Existing Auxiliary Tower - Tower Mapping Undocumented /Poorly Documented Tower												
<b>Amount:</b>	\$4,500.00												
<p>Tall Tower (greater than 500')</p>	<table> <tr> <td data-bbox="694 584 1093 974"><b>Component Description:</b></td><td data-bbox="1093 584 1426 974">WDBD-450-Existing Auxiliary Tower - Tower Rigging, Tall Tower ( 500')</td></tr> <tr> <td data-bbox="694 974 1093 1086"><b>Amount:</b></td><td data-bbox="1093 974 1426 1086">\$50,000.00</td></tr> <tr> <td data-bbox="694 1086 1093 1467"><b>Component Description:</b></td><td data-bbox="1093 1086 1426 1467">WDBD-450-Existing Auxiliary Tower - Tower Rigging, Tall Tower (500')</td></tr> <tr> <td data-bbox="694 1467 1093 1628"><b>Amount:</b></td><td data-bbox="1093 1467 1426 1628">\$50,000.00</td></tr> <tr> <td data-bbox="694 1467 1093 1628"><b>Component Description:</b></td><td data-bbox="1093 1467 1426 1628">WDBD-450-Existing Auxiliary Tower - Tower Rigging, Tall Tower (500')</td></tr> <tr> <td data-bbox="694 1628 1093 1628"><b>Amount:</b></td><td data-bbox="1093 1628 1426 1628">\$50,000.00</td></tr> </table>	<b>Component Description:</b>	WDBD-450-Existing Auxiliary Tower - Tower Rigging, Tall Tower ( 500')	<b>Amount:</b>	\$50,000.00	<b>Component Description:</b>	WDBD-450-Existing Auxiliary Tower - Tower Rigging, Tall Tower (500')	<b>Amount:</b>	\$50,000.00	<b>Component Description:</b>	WDBD-450-Existing Auxiliary Tower - Tower Rigging, Tall Tower (500')	<b>Amount:</b>	\$50,000.00
<b>Component Description:</b>	WDBD-450-Existing Auxiliary Tower - Tower Rigging, Tall Tower ( 500')												
<b>Amount:</b>	\$50,000.00												
<b>Component Description:</b>	WDBD-450-Existing Auxiliary Tower - Tower Rigging, Tall Tower (500')												
<b>Amount:</b>	\$50,000.00												
<b>Component Description:</b>	WDBD-450-Existing Auxiliary Tower - Tower Rigging, Tall Tower (500')												
<b>Amount:</b>	\$50,000.00												



Removal of dormant equip	<div data-bbox="710 168 1364 369"> <div data-bbox="710 168 1013 212"><b>Component Description:</b></div> <div data-bbox="1149 168 1364 324">De-installation of equipment making room for new repack transmitter</div> <div data-bbox="710 324 821 369"><b>Amount:</b></div> <div data-bbox="1149 324 1284 369">\$14,550.00</div> </div> <div data-bbox="710 459 1308 627"> <div data-bbox="710 459 1013 504"><b>Component Description:</b></div> <div data-bbox="1149 459 1308 582">Service Call - hardline &amp; microwave</div> <div data-bbox="710 582 821 627"><b>Amount:</b></div> <div data-bbox="1149 582 1284 627">\$33,420.00</div> </div>
Minor tower reinforcement /modifications	<div data-bbox="710 750 1332 996"> <div data-bbox="710 750 1013 795"><b>Component Description:</b></div> <div data-bbox="1149 750 1332 952">Materials - C-clamps, center gussets, sub-horizontals with spacers</div> <div data-bbox="710 952 821 996"><b>Amount:</b></div> <div data-bbox="1149 952 1268 996">\$5,084.50</div> </div>

## 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>\$157,481.08</b>	<b>\$250,981.08</b>		<b>\$113,006.19</b>	
Attorney - Other Matters	<i>\$431.08</i>	\$431.08	Per Covington & Burling LLP; Justifying Invoice - WDBD COVINGTON 60823580C	\$431.07	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	\$1,563.80	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$567.19	N/A

Prepare request for Special Temporary Authorization	\$2,050.00	\$2,375.00	Per invoices received	\$2,375.00	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$2,285.46	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$8,250.00	du Treil, Lundin & Rackley, Inc. invoice 240646	\$1,375.00	N/A
Project management of the transition	\$47,400.00	\$144,675.00	Widely Strategic Support Quote	\$104,408.67	N/A
<b>Sub-total</b>	\$157,481.08	\$250,981.08	N/A	\$113,006.19	N/A
<b>Total for all systems</b>	\$5,241,133.85	\$4,698,795.81	N/A	\$4,006,681.12	N/A

## Components

**Actual Information**  
**Description**

**File Name**

Attorney - Other Matters	<div> <div> <b>Component Description:</b> </div> <div> ASM Attorneys Fees - Draft 10 Week Form 387 Report for WDBD </div> </div> <div> <b>Amount:</b> </div> <div> \$303.20 </div>
Comprehensive coverage verification via field study, if needed	Information not provided.
Attorney Fees - Prepare and File request for Special Temporary Authorization	<div> <div> <b>Component Description:</b> </div> <div> For professional services </div> </div> <div> <b>Amount:</b> </div> <div> \$860.07 </div>
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	<div> <div> <b>Component Description:</b> </div> <div> Professional Services Rendered </div> </div> <div> <b>Amount:</b> </div> <div> \$567.19 </div>

Prepare request for Special Temporary Authorization	<table> <tr> <td data-bbox="702 87 1021 257"> <b>Component Description:</b>   <b>Amount:</b> </td><td data-bbox="1021 87 1426 257">           STA modification /interim application \$1,000.00         </td></tr> <tr> <td data-bbox="702 257 1021 566"> <b>Component Description:</b>   <b>Amount:</b> </td><td data-bbox="1021 257 1426 566">           WDBD STA /Interim Application \$1,375.00         </td></tr> </table>	<b>Component Description:</b>  <b>Amount:</b>	STA modification /interim application \$1,000.00	<b>Component Description:</b>  <b>Amount:</b>	WDBD STA /Interim Application \$1,375.00
<b>Component Description:</b>  <b>Amount:</b>	STA modification /interim application \$1,000.00				
<b>Component Description:</b>  <b>Amount:</b>	WDBD STA /Interim Application \$1,375.00				
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	<table> <tr> <td data-bbox="702 723 1021 929"> <b>Component Description:</b>   <b>Amount:</b> </td><td data-bbox="1021 723 1426 929">           Professional legal services \$285.46         </td></tr> <tr> <td data-bbox="702 929 1021 1265"> <b>Component Description:</b>   <b>Amount:</b> </td><td data-bbox="1021 929 1426 1265">           Preparation of engineering section of FCC Form 2100 \$2,000.00         </td></tr> </table>	<b>Component Description:</b>  <b>Amount:</b>	Professional legal services \$285.46	<b>Component Description:</b>  <b>Amount:</b>	Preparation of engineering section of FCC Form 2100 \$2,000.00
<b>Component Description:</b>  <b>Amount:</b>	Professional legal services \$285.46				
<b>Component Description:</b>  <b>Amount:</b>	Preparation of engineering section of FCC Form 2100 \$2,000.00				

Perform engineering study for new channel assignment and antenna development	<b>Component Description:</b>	RF Consulting Engineering to determine correct mask filter to avoid interference
	<b>Amount:</b>	\$5,000.00
	<b>Component Description:</b>	Engineering study work for new channel assignment and antenna development
	<b>Amount:</b>	\$1,250.00
	<b>Component Description:</b>	Engineering study work for new channel assignment and antenna development
	<b>Amount:</b>	\$125.00
Project management of the transition	<b>Component Description:</b>	Project Management
	<b>Amount:</b>	\$2,117.85
	<b>Component Description:</b>	Project Management
	<b>Amount:</b>	\$1,989.20
	<b>Component Description:</b>	Project Management
	<b>Amount:</b>	\$2,375.45
	<b>Component Description:</b>	Project Management
	<b>Amount:</b>	\$914.07

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,903.45

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,157.55

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,937.45

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,528.60

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$130.90

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$5,358.30

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,568.15

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$5,143.15

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,542.85

<b>Component Description:</b>	Project management
<b>Amount:</b>	\$1,896.60

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,782.20

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,781.95

<b>Component Description:</b>	Project management
<b>Amount:</b>	\$5,190.30

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$585.20

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,543.35

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,387.80

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,000.90

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,514.15



<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$5,494.15

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$38.50

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$6,912.35

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$200.20

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,654.10

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,636.35

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,199.45

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,419.95

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$8,600.90

<b>Component Description:</b>	Project management
<b>Amount:</b>	\$5,110.40

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$315.60

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,477.30

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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>\$77,400.91</b>	<b>\$68,450.91</b>		<b>\$36,894.95</b>	
MVPD Notification of Channel Change	<i>\$2,000.00</i>	\$2,000.00	estimate	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$2,850.00</i>	\$2,850.00	estimate for on air rescan announcement production Quote attached	N/A	N/A
Equipment Storage	<i>\$30,500.00</i>	\$30,500.00	Estimate for Dielectric on site antenna storage Dielectric letter attached	\$3,799.04	N/A
Equipment Delivery and Handling Charges	<i>\$10,953.91</i>	\$10,953.91	see Estimated Cost Justification WDBD-610-Equipment Delivery and Handling v0	\$10,953.91	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$195.00	fixed FCC filing fee	\$190.00	N/A
DTV Medical Facility Notification	\$11,550.00	\$2,600.00	Group quote attached	\$2,600.00	N/A

Security service	<b>\$12,852.00</b>	\$12,852.00	Increase from Bullock Investigations and Security invoice #5WLBT Armed security provided by vendor to the equipment shelter site	\$12,852.00	per invoices recieved
Equipment Shelter Repairs	<b>\$6,500.00</b>	\$6,500.00	Kain Masonery Contractors - Equipment shelter wall repairs	\$6,500.00	N/A
<b>Sub-total</b>	\$77,400.91	\$68,450.91	N/A	\$36,894.95	N/A
<b>Total for all systems</b>	\$5,241,133.85	\$4,698,795.81	N/A	\$4,006,681.12	N/A

## Components

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

Equipment Storage		
	<b>Component Description:</b>	Equipment Storage
	<b>Amount:</b>	\$165.23
	<b>Component Description:</b>	WDBD-610-Equipment Storage
	<b>Amount:</b>	\$2,700.00
	<b>Component Description:</b>	40' Standard Tri Cam Container
	<b>Amount:</b>	\$708.79
	<b>Component Description:</b>	40' Standard Tri Cam Container
	<b>Amount:</b>	\$165.23
	<b>Component Description:</b>	40' Standard tri cam container, Personal property expenses, Loss limitation waiver
	<b>Amount:</b>	\$11.79
	<b>Component Description:</b>	Rental 174424 PO#2238 THIGP Unit 300071
	<b>Amount:</b>	\$48.00

Equipment Delivery and Handling Charges	<b>Component Description:</b> OTHER <b>Amount:</b> \$1,636.86
	<b>Component Description:</b> 5000# Reach Lift <b>Amount:</b> \$2,148.04
	<b>Component Description:</b> 5000# Reach lift <b>Amount:</b> \$207.60
	<b>Component Description:</b> Diesel fuel and Pick up Charge <b>Amount:</b> \$192.60
	<b>Component Description:</b> 5000# Reach Lift <b>Amount:</b> \$2,045.44
	<b>Component Description:</b> 10000# Reach Lift <b>Amount:</b> \$2,010.00
	<b>Component Description:</b> 5000# Reach Lift <b>Amount:</b> \$2,713.37
FCC Filing Fees - Special Temporary Authorization request	<b>Component Description:</b> WDBD-610-FCC Filing Fee - Special Temporary Authorization <b>Amount:</b> \$190.00
DTV Medical Facility Notification	<b>Component Description:</b> Medical Notification mailing complete per FCC Repack <b>Amount:</b> \$2,600.00

Security service	<b>Component Description:</b>		Security
	<b>Amount:</b>		\$1,512.00
	<b>Component Description:</b>		Security
	<b>Amount:</b>		\$6,480.00
	<b>Component Description:</b>		1 Armed Guard
	<b>Amount:</b>		\$4,860.00
Equipment Shelter Repairs	<b>Component Description:</b>		Equipment Shelter Repairs
	<b>Amount:</b>		\$6,500.00

**Cost  
Information**

**Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$5,241,133.85	\$4,698,795.81	\$4,006,681.12

**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"> <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.

<p>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.</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><b>Paul Eriksen , Eriksen . Controller</b></p> <p>11/30/2020</p>

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR 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).	
		<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.

<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><b>Paul Eriksen</b> <i>Controller</i></p> <p>11/30/2020</p>

## Attachments