



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **73982** | Service: **DTV** | Call **WSBK-TV** | Channel: **21 (UHF)** |  
ID: | Sign:  
File **0000027826**  
Number:  
FRN: **0021079769** | Date **10/27**  
Submitted: **/2020**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>CBS TELEVISION LICENSES LLC</b>	Daniel G. Ryson 2020 M. St., NW - Licensing DEPT Washington, DC 20036 United States	+1 (202) 457-4505	dryson@cbs.com	Limited Liability Company

## 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>Daniel G. Ryson</b> <i>Director of Spectrum Management</i> <i>ViacomCBS</i>	Daniel G. Ryson 2020 M. St., NW - Licensing DEPT Washington, DC 20036 United States	+1 (202) 457-4074	dryson@cbs.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	American Tower will build an interim site in Needham, MA with broadband ant and tx bldg to be used by WSBK-TV and all stations listed above. Main site will be built in Needham Heights, MA

**Transmitters**

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

**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	Diamond
	Year	2002
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	7 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	UAXTE-24
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	14.4 kW
	Justification for New Transmitter	Existing transmitter cannot be re-tuned to the new channel.

**Primary  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes

	Description	Surge suppressor and 75 kVa transformer. Required by primary transmitter. See Exhibit 1 Item D.
<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**

Information not provided.

**Interim  
Transmitter**

**New Transmitter Costs**

Section	Question	Response
<b>New Transmitter</b>	Use	Interim
	Description of Use	N/A
	Change Type	Purchase
	Manufacturer	
	Model	UAXTE-32 WB
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	15.36 kW
	Justification for New Transmitter	Interim transmitter needed while construction at the main site is in progress. A wideband transmitter is required for interim operation on both channels 39 and 21. See Exhibit 25.

**Interim  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
<b>Electrical Service</b>	Service Entrance (3 phases 800A 208V)	Yes
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes

	Power	500 kVA
	Rigid Conduit and Wiring	Yes
	Size	2 inches
	Length	200.0 feet
	Other Electrical Service	Yes
	Description	Transformer and surge suppressor required for transmitter operation. See Exhibit 7, Item D.
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	20 tons
	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
<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**

Name	Description
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<b>New Sub Panels</b>	4 new sub panels at approximately 200 amps each, to power each additional transmitter, house power, HVAC, and ancillary equipment. See Exhibit 3.
<b>Transmitter Electrical</b>	Install Electrical for transmitter, pumps, racks, transformer, etc.
<b>Channel Change Services</b>	Interim Transmitter Channel Change Services
<b>Emergency Generator</b>	Primary site has an emergency generator. This cost replicates backup power at the interim site.
<b>4 Inch Conduit</b>	100' L/F of 4" conduit and larger conductor to power new transmitters, HVAC, Air handlers and house power. The existing power supply is for the additional power demands of the new repack equipment. See Exhibit 3.



**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	Lease New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Owner	American Tower
	Site	N/A
	Is the existing antenna shared with another station or stations?	Yes
	Is the existing antenna directional?	No
	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	Top Mount
	Antenna position in stack	Top
	Polarization	Horizontal
	Type	Broadband Panel
	Number of Stations Supported	4
	Number of Panels	99
	Design power capacity in use	87.0 %
	Lower Limit	470.00 MHz
	Upper Limit	698.00 MHz
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	135.0 kW

	Manufacturer	
	Model	TAD-24UDA-5/60-MR
	Year	1999

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

Facility ID	Call Sign
72098	WGBX-TV
25456	WBZ-TV
65684	WCVB-TV

**Primary  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Lease New
	Is this a request for upgraded equipment?	Yes
	Ownership	Leased
	Owner	American Tower Corporation
	Is antenna shared?	Yes
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
<b>New Antenna Manufacturer and Types</b>	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Broadband Panel
	Number of Stations Supported	4
	Number of Panels/Bays	56
	Lower Limit	470.00 MHz
	Upper Limit	608.00 MHz
	Design power capacity in use	99.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	92.2 kW
	Manufacturer	

Model	TUM-AP-O4-14/56H-2-T
Year	2020
Justification for New Antenna	Top Mount 14 bay Broadband antenna required to accommodate the new repack frequencies. This antenna will be a four-sided assembly mast. In use power capacity is unknown. Pre-transition antenna has 120 panels. See Exhibit 2.

## 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	4
	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
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Enter a list of RF channel numbers.

RF Channel Number
20
21
32
33

Primary  
Antenna

Other Antenna Cost Not Listed

Name	Description
Combiner Installation	Installation cost of the new dual chain combiner with 8 modules; replacing existing combiner. See Exhibit 2.

**Interim  
Antenna****New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	Use	Interim
	Description of Use	N/A
	Change Type	Lease New
	Ownership	Leased
	Owner	American Tower Corporation
	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	Top Mount
	Antenna position in stack	Bottom
	Polarization	Elliptical
	Type	Broadband Panel
	Number of Stations Supported	5
	Number of Panels/Bays	56
	Lower Limit	470.00 MHz
	Upper Limit	650.00 MHz
	Design power capacity in use	99.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	99.2 kW
	Manufacturer	
	Model	TUM-AP-O4- 14/56H-2-T 14

Year	2018
Justification for New Antenna	Top Mount 14 bay Broadband antenna required to accommodate the new repack frequencies. This antenna will be a four-sided assembly mast. In use power capacity is unknown. See Exhibit 3.

## 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	5
	Frequencies of channels supported	Upper and lower frequency
	Frequency	470.0 MHz - 650.0 MHz
	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?	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?	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

## Interim Antenna

### Other Antenna Cost Not Listed

Name	Description
<b>Combiner Installation</b>	Installation of combiner; Single chain of 5 high power constant impedance waveguide modules, and/or dual chains of 5 directional filter modules per Dielectric layout. required for broadband antenna system. See Exhibit 3.
<b>Tower Rent</b>	One-time tower rental during repack. See Exhibit 3.

**Transmission Line**

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

**Primary Transmission Line****Existing Transmission Line**

Section	Question	Response
Existing Transmission Line Description	Type of change	Utilize Existing
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Owner	American Tower Corporation
	Site	N/A
	Is the existing transmission line shared with another station or stations?	Yes
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	Dielectric
	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	1440 feet per run

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

Facility ID	Call Sign
72098	WGBX-TV
25456	WBZ-TV
65684	WCVB-TV

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

Name	Description
<b>Nitrogen Generator</b>	Nitrogen Generator. See Exhibit 14.
<b>Transmission Line</b>	Transmission Line from Transmitter to Combiner. See Exhibit 44.

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

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Interim
	Description of Use	N/A
	Change Type	Lease New
	Type	Rigid
	Diameter	8 3/16 inches
	Segment Length	Broadband
	Other Segment Length	
	Number of parallel runs	2
	Length	1250 feet per run
	Justification for New Transmission Line	Two (2) 8-inch broadband rigid transmission lines, six (6) elbows (3

	each line). Because this line size is an upgrade, we will only seek reimbursement for 7-inch line.
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**Interim**                      **Other Transmission Line Expenses Not Listed**  
**Transmission Line**      information not provided.

**Tower  
Equipment  
And  
Rigging  
Costs**

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

**Auxiliary  
Tower**

**Add Tower**

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Auxiliary (Backup)
	Description of Use	Interim
	Ownership	Leased
	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	No
	Is tower documented for structural analysis?	Unknown
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1004233
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	42° 18' 10.7" N-
	Longitude (NAD83)	071° 13' 04.9" W-
	Overall Structure Height	1200.77 feet
	Support Structure Height	1101.04 feet
	Ground Elevation Above Mean Sea Level (AMSL)	150.92 feet
	Structure Type	GTOWER - Guyed

		Structure Used for Communication Purposes
	Tower Owner	American Towers, LLC
	Date Constructed	04/19/2005

**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
9639	WBGB	FM
73238	WLVI	DTV
23439	WBOS	FM
6463	WFXT	DTV
26897	WWBX	FM
1901	WBZ-FM	FM

**Auxiliary  
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

**Auxiliary  
Tower**

**Tower Rigging Costs**

Section	Question	Response
<b>Tower Rigging Costs</b>	Complex Tower	Candelabra

<b>Helicopter Services Required</b>	Are helicopter services required?	No
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**Auxiliary  
Tower**

**Other Tower Expenses Not Listed**

Name	Description
<b>Construction Management</b>	Nine hours on Modification project management and fifteen hours for RF installation project management for a total of twenty days. See Exhibit 3.
<b>Tower Permit Packages</b>	Tower and ground equipment drawing package. Required for local approvals. See Exhibit 3.

## 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	Leased
	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	No
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1003433
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	42° 18' 37.0" N-
	Longitude (NAD83)	071° 14' 12.0" W-
	Overall Structure Height	1296.24 feet
	Support Structure Height	1192.24 feet
	Ground Elevation Above Mean Sea Level (AMSL)	152.89 feet
	Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
	Tower Owner	American Tower, LLC
	Date Constructed	01/01/1957



**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
10542	WKLB-FM	FM
72098	WGBX-TV	DTV
68241	WBUR-FM	FM
65684	WCVB-TV	DTV
25456	WBZ-TV	DTV
18783	WYDN	DTV
72099	WGBH-TV	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	Candelabra
<b>Helicopter Services Required</b>	Are helicopter services required?	No

**Primary  
Tower**

**Other Tower Expenses Not Listed**

Name	Description
<b>Site Coordination Meetings</b>	Coordination and transition planning with all parties onsite. See Exhibit 14.
<b>Construction Management</b>	(44) hours on Modification project management and RF installation project management. See Exhibit 14.
<b>Tower Permit Packages</b>	Construction drawing packages for tower, building, and ground. See Exhibit 14.
<b>Install TX Line In TX Room</b>	Install transmission line between transmitter and combiner.

**Outside  
Professional**

Section	Question	Response
<b>Services Costs Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	250
	Explanation	Company lacks internal resources.
<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	No
	For Auxiliary Facility	N/A
	For Main Facility	N/A
	Prepare and file Form FCC License to Cover Application	No
	For Auxiliary Facility	N/A

	For Main Facility	N/A
	Prepare request for Special Temporary Authority	No
	Quantity	N/A
	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	Yes
	Prepare or Review FCC Form 399 for Reimbursement	No
	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	No
	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
<b>RF System Test</b>	Testing of the combiner to ensure all frequencies are tuned for optimal patterns. See Exhibits 2 and 3.
<b>Site Coordination Meeting</b>	Site coordination meetings with all broadcasters, contractors and vendors involved with the site deliveries and construction. This cost is for travel and logistics expenses accrued. (See Exhibit 2.)

## 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	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)?	No
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	No
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	No
	Does this relocation require MVPD Notification of a Channel Change?	Yes

**Other  
Expenses**

**Other Expenses Not Listed**

Name	Description
<b>Ice Shield for HVAC</b>	Ice protection for HVAC compressor units near tower in areas prone to ice and snow. See Exhibit 3.
<b>Public Hearing</b>	Public hearing to alter height of primary tower by changing top antenna. See Exhibit 2.
<b>Site Coordination Meeting</b>	Site coordination meetings with all broadcasters, contractors and vendors involved with the site deliveries and construction. This cost is for travel and logistics expenses accrued. See Exhibits 2 and 3.
<b>Site Security</b>	Site security for installation and storage of Transmission line and materials for 30 days X 12 hours. These materials are a high risk of theft due to the material makeup such as copper, brass and aluminum. (See Exhibit 3.)
<b>Deinstall Old Transmitter</b>	Complete removal and deinstallation of existing WSBK transmitter. See Exhibit 1 Item F.
<b>Asbestos and Lead Paint Testing</b>	Asbestos testing, removal and abatement for walls which could contain lead paint and /or the flooring may contain asbestos, because of the age of the facility and the era when the original construction took place. (See Exhibit 3.)
<b>Building Partition</b>	This cost is to provide permitting for building partition and electrical service installation in the shared space. This install is to provide security for broadcasters and sufficient power for transmitters. See Exhibit 3.

## Cost Information

### Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmitter UAXTE-32 WB	\$1,090,820.31	\$1,004,780.31		\$756,966.02	
4 Inch Conduit	<i>\$1,920.00</i>	\$1,920.00	100' L/F of 4" conduit and larger conductor for 500 KVA power needed for the new transmitters, HVAC, Air handlers and house power. The existing power supply is for the additional power demands of the new repack equipment. See Exhibit 3.	\$1,440.00	N/A
Emergency Generator	<i>\$103,857.00</i>	\$103,857.00	Cost includes the connection fee and an assumed 7-months of rent at \$551/month for interim operation. Please see lease provided as Exhibit 32.	\$100,000.00	N/A
Channel Change Services	<i>\$21,422.83</i>	\$21,422.83	Transmitter was ordered on pre-transition channel but due to construction delays was needed on post-transition	\$21,422.83	N/A

			channel. Thus, channel change is believed appropriate. See Exhibit 47 for quote.		
Transmitter Electrical	<b>\$60,478.00</b>	\$60,478.00	Install electrical for GatesAir UAXTE-32 transmitter, pumps, heat exchangers, transformer, racks, etc. See Exhibits 18 (for initial UAXTE-16) and 23 (for additional work required by UAXTE-32 transmitter).	\$60,478.00	N/A
New Sub Panels	<b>\$10,000.00</b>	\$10,000.00	Four new 200 amp sub panels to power additional transmitter, house power, HVAC, and ancillary equipment. See Exhibit 3.	\$7,500.00	N/A
Other -- HVAC Service Type: C Size:20 (Other)	<b>\$22,000.00</b>	\$22,000.00	Two 20 ton HVAC units required to maintain operational temperatures for repack transmitters. This is to supplement existing HVAC units already in place. See Exhibit 3.	\$16,500.00	N/A
Other Electrical Service:	<b>\$4,226.37</b>	\$4,226.37	Transformer and surge suppressor.	\$4,226.37	N/A



Transformer and surge suppressor required for transmitter operation. See Exhibit 7, Item D.			Required for proper operation of transmitter. See Exhibit 7 Item D.		
2" Rigid Conduit and Wiring (Cost per foot)	\$5,200.00	\$1,000.00	200 L/F of 2" conduit and conductor to adequately supply the HVAC, Air handlers and House power. The existing power supply is inadequate for the additional power demands of the new repack equipment. See Exhibit 3.	\$750.00	N/A
Transformer 3 phase /480v - 500 KVA	\$48,400.00	\$9,200.00	Install additional power, 500 KVA transformer, for new tenant space so customer can operate transmitter, heat exchangers and other equipment on the new repack frequency into the broadband antenna. See Exhibit 3.	\$6,900.00	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$7,260.00	Switchgear accommodates repack equipment and support the new 500 KVA transformer. The	\$5,445.00	N/A

existing service  
does not have  
sufficient  
capacity to  
support multiple  
transmitters. See  
Exhibit 3.

Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$2,700.00	New Switchgear required for the additional repack equipment. The switch will support the new 500 KVA transformer. The existing service does not have sufficient capacity to support multiple transmitters. See Exhibit 3.	\$2,055.00	N/A
UHF - Air Cooled Solid State Transmitter 15.36 kW	<b>\$513,363.19</b>	\$513,363.19	Includes UAXTE-16 (\$247,352.92) plus transmitter field upgrade to UAXTE-32 (\$266,010.27). Includes transformer and installation but not freight or tax. See Explanation in Exhibit 25.	\$282,895.90	N/A
UHF - Air Cooled Solid State Transmitter 7.68 kW	<b>\$247,352.92</b>	\$247,352.92	***System Notice: Estimate adjusted and locked because line has been superseded. ***Originally proposed UAXTE-12R44 is said to be incapable of operating on both pre-transition and	\$247,352.92	Corrected metadata (invoice and due dates) March 1, 2018.

post-transition channels. See Exhibit 12 for justification. See also Exhibit 7 Items A, B, C, and E.

<b>Primary Transmitter UAXTE-24</b>	<b>\$261,930.23</b>	<b>\$261,930.23</b>		<b>\$238,820.96</b>	
Other Electrical Service: Surge suppressor and 75 kVa transformer. Required by primary transmitter. See Exhibit 1 Item D.	<b>\$5,552.76</b>	\$5,552.76	75 KVA transformer and parallel surge suppressor. Required for proper operation of the transmitter.	\$5,552.76	N/A
UHF - Air Cooled Solid State Transmitter 14.4 kW	<b>\$161,634.06</b>	\$161,634.06	Please see Exhibit 1 for non-upgraded transmitter quotation. This estimate is for Exhibit 1 items A, B, C, and D minus the down payment shown in another (locked) cost category. Upgrade estimate is Exhibit 34.	\$138,524.79	N/A
UHF - Air Cooled Solid State Transmitter 7.2 kW	<b>\$94,743.41</b>	\$94,743.41	***System Notice: Estimate adjusted and locked because line has been superseded. ***Primary transmitter required for repack. See	\$94,743.41	N/A

Exhibit 1, items  
A, B, C, and E.

<b>Sub-total</b>	\$1,352,750.54	\$1,266,710.54	N/A	\$995,786.98	N/A
<b>Total for all systems</b>	\$5,197,834.14	\$2,286,604.14	N/A	\$1,623,637.06	N/A

Components

Actual Information	
Description	File Name
4 Inch Conduit	<b>Component Description:</b>
	Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of 4-inch rigid conduit, Exhibit 3, 3-C-1.
	<b>Amount:</b>
	\$960.00
	<b>Component Description:</b>
	Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of 4-inch rigid conduit, Exhibit 3, 3-C-1.
	<b>Amount:</b>
	\$480.00
Emergency Generator	<b>Component Description:</b>
	Generator Connection Fee. Please see lease provided as Exhibit 32.
	<b>Amount:</b>
	\$100,000.00
Channel Change Services	<b>Component Description:</b>
	<b>Amount:</b>

	<b>Component Description:</b>		Interlock Wire
	<b>Amount:</b>		\$907.58
	<b>Component Description:</b>		Channel change services. Interim TX ordered on pre-transition channel but due to delays was needed on post-transition channel.
	<b>Amount:</b>		\$20,515.25
Transmitter Electrical	<b>Component Description:</b>		Work completed minus 10% retainage. See Exhibit 19. The form won't permit entry of ampersand in company name.
	<b>Amount:</b>		\$19,773.00
	<b>Component Description:</b>		Work completed for original interim transmitter electrical minus 10% retainage. See Exhibit 30. The form won't permit entry of ampersand in company name.
	<b>Amount:</b>		\$19,800.00

	<table> <tr> <td data-bbox="699 87 1141 593"><b>Component Description:</b></td><td data-bbox="1141 87 1426 593">Work completed to increase power capacity for larger (but not upgraded) interim transmitter. See quote in Exhibit 29. The form won't permit entry of ampersand in company name.</td></tr> <tr> <td data-bbox="699 593 1141 705"><b>Amount:</b></td><td data-bbox="1141 593 1426 705">\$16,508.00</td></tr> <tr> <td data-bbox="699 705 1141 1211"><b>Component Description:</b></td><td data-bbox="1141 705 1426 1211">Work completed for original interim transmitter electrical. Invoice is for 10% retainage deducted earlier. See Exhibit 35. The form won't permit entry of ampersand in company name.</td></tr> <tr> <td data-bbox="699 1211 1141 1305"><b>Amount:</b></td><td data-bbox="1141 1211 1426 1305">\$4,397.00</td></tr> </table>	<b>Component Description:</b>	Work completed to increase power capacity for larger (but not upgraded) interim transmitter. See quote in Exhibit 29. The form won't permit entry of ampersand in company name.	<b>Amount:</b>	\$16,508.00	<b>Component Description:</b>	Work completed for original interim transmitter electrical. Invoice is for 10% retainage deducted earlier. See Exhibit 35. The form won't permit entry of ampersand in company name.	<b>Amount:</b>	\$4,397.00
<b>Component Description:</b>	Work completed to increase power capacity for larger (but not upgraded) interim transmitter. See quote in Exhibit 29. The form won't permit entry of ampersand in company name.								
<b>Amount:</b>	\$16,508.00								
<b>Component Description:</b>	Work completed for original interim transmitter electrical. Invoice is for 10% retainage deducted earlier. See Exhibit 35. The form won't permit entry of ampersand in company name.								
<b>Amount:</b>	\$4,397.00								
New Sub Panels	<table> <tr> <td data-bbox="699 1305 1141 1736"><b>Component Description:</b></td><td data-bbox="1141 1305 1426 1736">Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Electrical Sub Panels, Exhibit 3, 3-C-6.</td></tr> <tr> <td data-bbox="699 1736 1141 2132"><b>Amount:</b></td><td data-bbox="1141 1736 1426 2132">\$5,000.00</td></tr> </table>	<b>Component Description:</b>	Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Electrical Sub Panels, Exhibit 3, 3-C-6.	<b>Amount:</b>	\$5,000.00				
<b>Component Description:</b>	Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Electrical Sub Panels, Exhibit 3, 3-C-6.								
<b>Amount:</b>	\$5,000.00								

	<p><b>Component Description:</b></p> <p>Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Electrical Sub Panels, Exhibit 3, 3-C-6.</p> <p><b>Amount:</b></p> <p>\$2,500.00</p>
Other -- HVAC Service Type: C Size:20 (Other)	<p><b>Component Description:</b></p> <p>Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of 20-Ton HVAC, Exhibit 3, 3-C-2.</p> <p><b>Amount:</b></p> <p>\$11,000.00</p> <p><b>Component Description:</b></p> <p>Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of 20-Ton HVAC, Exhibit 3, 3-C-2.</p> <p><b>Amount:</b></p> <p>\$5,500.00</p>
Other Electrical Service: Transformer and surge suppressor required for transmitter operation. See Exhibit 7, Item D.	

	<p><b>Component Description:</b></p> <p>Invoice is for Balance Due on Interim Transmitter, including item D - Electrical. This invoice is split between this category and the transmitter category.</p> <p><b>Amount:</b></p> <p>\$4,226.37</p>
2" Rigid Conduit and Wiring (Cost per foot)	<p><b>Component Description:</b></p> <p>Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of 2-inch rigid conduit, Exhibit 3, 3-C-1.</p> <p><b>Amount:</b></p> <p>\$500.00</p> <p><b>Component Description:</b></p> <p>Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of 2-inch rigid conduit, Exhibit 3, 3-C-1.</p> <p><b>Amount:</b></p> <p>\$250.00</p>
Transformer 3 phase/480v - 500 KVA	



	<table> <tr> <td data-bbox="715 152 1023 192"><b>Component Description:</b></td><td data-bbox="1155 152 1374 506">Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of 500 KVA Transformer, Exhibit 3, 3-C-1.</td></tr> <tr> <td data-bbox="715 517 823 557"><b>Amount:</b></td><td data-bbox="1155 517 1273 557">\$2,300.00</td></tr> <tr> <td data-bbox="715 656 1023 696"><b>Component Description:</b></td><td data-bbox="1155 656 1374 1010">Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of 500 KVA Transformer, Exhibit 3, 3-C-1.</td></tr> <tr> <td data-bbox="715 1021 823 1061"><b>Amount:</b></td><td data-bbox="1155 1021 1273 1061">\$4,600.00</td></tr> </table>	<b>Component Description:</b>	Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of 500 KVA Transformer, Exhibit 3, 3-C-1.	<b>Amount:</b>	\$2,300.00	<b>Component Description:</b>	Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of 500 KVA Transformer, Exhibit 3, 3-C-1.	<b>Amount:</b>	\$4,600.00
<b>Component Description:</b>	Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of 500 KVA Transformer, Exhibit 3, 3-C-1.								
<b>Amount:</b>	\$2,300.00								
<b>Component Description:</b>	Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of 500 KVA Transformer, Exhibit 3, 3-C-1.								
<b>Amount:</b>	\$4,600.00								
Switchgear - industrial 800 amp	<table> <tr> <td data-bbox="715 1182 1023 1223"><b>Component Description:</b></td><td data-bbox="1155 1182 1374 1536">Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Switch Gear, Exhibit 3, 3-C-1.</td></tr> <tr> <td data-bbox="715 1547 823 1588"><b>Amount:</b></td><td data-bbox="1155 1547 1273 1588">\$3,630.00</td></tr> <tr> <td data-bbox="715 1686 1023 1727"><b>Component Description:</b></td><td data-bbox="1155 1686 1374 2040">Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Switch Gear, Exhibit 3, 3-C-1.</td></tr> <tr> <td data-bbox="715 2051 823 2092"><b>Amount:</b></td><td data-bbox="1155 2051 1273 2092">\$1,815.00</td></tr> </table>	<b>Component Description:</b>	Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Switch Gear, Exhibit 3, 3-C-1.	<b>Amount:</b>	\$3,630.00	<b>Component Description:</b>	Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Switch Gear, Exhibit 3, 3-C-1.	<b>Amount:</b>	\$1,815.00
<b>Component Description:</b>	Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Switch Gear, Exhibit 3, 3-C-1.								
<b>Amount:</b>	\$3,630.00								
<b>Component Description:</b>	Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Switch Gear, Exhibit 3, 3-C-1.								
<b>Amount:</b>	\$1,815.00								

Service entrance 3 phase  
/800 amp/208 volt

**Component Description:**

Invoice is 50%  
Down Payment for  
\$230,591.50 ATC  
total estimated  
cost. (See Exhibit  
3). This amount is  
50% of Service  
Entrance, Exhibit  
3, 3-C-1.

**Amount:**

\$1,370.00

**Component Description:**

Invoice is 25%  
Down Payment for  
\$115,297.75 ATC  
total estimated  
cost. (See Exhibit  
3). This amount is  
25% of Service  
Entrance, Exhibit  
3, 3-C-1.

**Amount:**

\$685.00

UHF - Air Cooled Solid  
State Transmitter 15.36 kW

**Component Description:**

Invoice is  
installation, proof,  
freight, and parts  
for base portion of  
interim transmitter.  
This cost is  
installation and  
parts only. Please  
see Exhibit 40A.

**Amount:**

\$16,885.63

**Component Description:**

Down Payment for  
transmitter size  
increase. See  
quote in Exhibit 22  
and explanation in  
Exhibit 25A.

**Amount:**

\$100,494.27

	<b>Component Description:</b>	\$0 Requested amount because invoice was inadvertently uploaded to incorrect category. See Exhibit 31A.
	<b>Amount:</b>	N/A
	<b>Component Description:</b>	Interim Transmitter Upsize Progress Payment. See quote in Exhibit 22 and justification in Exhibit 25.
	<b>Amount:</b>	\$88,670.09
	<b>Component Description:</b>	Interim Transmitter Upsize Progress Payment. See quote and statement in Exhibit 41 and justification in Exhibit 25. Freight listed separately.
	<b>Amount:</b>	\$76,845.91
UHF - Air Cooled Solid State Transmitter 7.68 kW	<b>Component Description:</b>	Interim Transmitter Progress Payment.
	<b>Amount:</b>	\$89,185.78
	<b>Component Description:</b>	WSBK Interim Transmitter Down Payment.
	<b>Amount:</b>	\$91,252.45

	<p><b>Component Description:</b></p> <p>Invoice is for remainder due on interim transmitter. This invoice is split between this cost category and transmitter electrical.</p> <p><b>Amount:</b></p> <p>\$66,914.69</p>
Other Electrical Service: Surge suppressor and 75 kVa transformer. Required by primary transmitter. See Exhibit 1 Item D.	<p><b>Component Description:</b></p> <p>Final 1/3 of primary transmitter electrical devices. Please see Exhibit 39A.</p> <p><b>Amount:</b></p> <p>\$1,850.92</p> <p><b>Component Description:</b></p> <p>2/3 of the primary transmitter electrical devices. Please see Exhibit 38A.</p> <p><b>Amount:</b></p> <p>\$3,701.84</p>
UHF - Air Cooled Solid State Transmitter 14.4 kW	<p><b>Component Description:</b></p> <p>This is the primary transmitter payment #2. Cost excludes upgrade shown in Exhibit 31A. Please see Exhibit 38A.</p> <p><b>Amount:</b></p> <p>\$86,597.83</p> <p><b>Component Description:</b></p> <p>Invoice is for Primary TX Install, Proof, Freight, and Old TX Removal. This cost is for Install and Proof.</p> <p><b>Amount:</b></p> <p>\$15,978.05</p>

	<p><b>Component Description:</b></p> <p>Primary Transmitter Payment Four. This cost is for Installation and Proof of Performance. Please see Exhibit 40.</p> <p><b>Amount:</b></p> <p>\$15,978.05</p>	
	<p><b>Component Description:</b></p> <p>Primary Transmitter Payment Four. This cost is for interlock wire. Please see Exhibit 40.</p> <p><b>Amount:</b></p> <p>\$907.58</p>	
	<p><b>Component Description:</b></p> <p>Invoice is 100% for a transmitter upgrade that is not reimbursable under FCC policy. Please see Exhibit 31A.</p> <p><b>Amount:</b></p> <p>N/A</p>	
	<p><b>Component Description:</b></p> <p>Primary transmitter payment #3. Electrical costs shown separately. Please see Exhibit 39A.</p> <p><b>Amount:</b></p> <p>\$51,926.96</p>	
<hr/> <p>UHF - Air Cooled Solid State Transmitter 7.2 kW</p>		

**Component Description:**

WSBK Primary  
Transmitter Down  
Payment. See  
Exhibit 8.

**Amount:**

\$94,743.41

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## Cost Information

### Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Antenna TUM-AP-O4-14/56H-2-T 14	\$252,167.00	\$289,447.00		\$168,767.25	
Tower Rent	<i>\$57,600.00</i>	\$57,600.00	One-time interim tower rental for repack period.	\$43,200.00	N/A
Combiner Installation	<i>\$10,000.00</i>	\$10,000.00	Installation of combiner; Single chain of 5 high power constant impedance waveguide modules, and /or dual chains of 5 directional filter modules per Dielectric layout. See Exhibit 15.	\$5,250.00	N/A
Elbow complex, broadband, at antenna input, per 7 3/16. feedline (if needed)	\$16,850.00	\$6,660.00	Two (2) Elbow complex for the input of the new Broadband antenna. See Exhibit 14.	\$5,400.00	N/A
New combiner, cost per	\$84,200.00	\$135,400.00	Dual chains of mask filter /combiner modules per Dielectric	\$50,250.00	N/A

channel (without antenna)			layout. Includes input power dividers and output switching to allow transmitter alignment /testing not otherwise available. Eliminates need for mask filter. See Exhibit 15.		
Sweep test of existing antenna	\$6,730.00	\$3,000.00	RF system testing for two (2) lines and one (1) antenna. See Exhibit 3.	\$2,250.00	N/A
UHF - High Power Top Mount Five Station broadband panel antenna elliptically or circularly polarized	<b>\$76,787.00</b>	\$76,787.00	New Antenna and assembly mast. Stack will be placed directly onto existing center tower section and require a short pedestal of height. See Exhibit 15.	\$62,417.25	N/A
<b>Primary Antenna TUM-AP- O4-14/56H- 2-T</b>	<b>\$1,211,130.00</b>	<b>\$244,000.00</b>		<b>\$170,581.87</b>	
Elbow complex, broadband, at antenna input, per 8	\$18,950.00	\$10,000.00	Elbow complex for top mount antenna being used for repacked stations aux	\$6,750.00	N/A



3/16. feedline (if needed)			antenna. See Exhibit 14.		
New combiner, cost per channel (without antenna)	\$84,200.00	\$91,500.00	Constant impedance waveguide modules, and /or dual chains of 4 directional filter modules per Dielectric layout. Eliminates need for transmitter mask filter. See Exhibit 14.	\$56,250.00	N/A
Sweep test of existing antenna	\$6,730.00	\$5,000.00	RF System Testing. See Exhibit 2.	\$3,750.00	N/A
UHF - High Power Top Mount (200-1000 kW), Four Station broadband panel antenna, elliptically or circularly polarized	\$1,090,000.00	\$126,250.00	TUM-AP-O4- 14/56H-2-T Top Mount 14 bay Broadband antenna, with 56 elements total, required to accommodate the new repack frequencies. This antenna will be a four- sided assembly mast. See Exhibit 14.	\$97,269.37	N/A
Combiner Installation	<b>\$11,250.00</b>	\$11,250.00	Installation of dual chain combiner. See Exhibit 14.	\$6,562.50	N/A
<b>Sub-total</b>	\$1,463,297.00	\$533,447.00	N/A	\$339,349.12	N/A

<b>Total for all systems</b>	\$5,197,834.14	\$2,286,604.14	N/A	\$1,623,637.06	N/A
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## Components

Actual Information	
Description	File Name
Tower Rent	
	<b>Component Description:</b> Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Interim Tower Rent, Exhibit 3, 1-B-1.
	<b>Amount:</b> \$14,400.00
	<b>Component Description:</b> Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Interim Tower Rent, Exhibit 3, 1-B-1.
	<b>Amount:</b> \$28,800.00
Combiner Installation	
	<b>Component Description:</b> Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Interim Combiner Installation, Exhibit 3, 3-C-2.
	<b>Amount:</b> \$3,500.00

	<p><b>Component Description:</b></p> <p>Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Interim Combiner Installation, Exhibit 3, 3-C-2.</p> <p><b>Amount:</b></p> <p>\$1,750.00</p>
Elbow complex, broadband, at antenna input, per 7 3/16. feedline (if needed)	<p><b>Component Description:</b></p> <p>Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Interim Elbow Complex, Exhibit 3, 3-C-2.</p> <p><b>Amount:</b></p> <p>\$3,600.00</p> <p><b>Component Description:</b></p> <p>Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Interim Elbow Complex, Exhibit 3, 3-C-2.</p> <p><b>Amount:</b></p> <p>\$1,800.00</p>
New combiner, cost per channel (without antenna)	

	<table> <tr> <td data-bbox="703 87 1145 504"><b>Component Description:</b></td><td data-bbox="1145 87 1426 504">Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Interim Combiner, Exhibit 3, 3-C-1.</td></tr> <tr> <td data-bbox="703 504 1145 593"><b>Amount:</b></td><td data-bbox="1145 504 1426 593">\$16,750.00</td></tr> <tr> <td data-bbox="703 593 1145 1104"><b>Component Description:</b></td><td data-bbox="1145 593 1426 1104">Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Interim Combiner, Exhibit 3, 3-C-1.</td></tr> <tr> <td data-bbox="703 1104 1145 1193"><b>Amount:</b></td><td data-bbox="1145 1104 1426 1193">\$33,500.00</td></tr> </table>	<b>Component Description:</b>	Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Interim Combiner, Exhibit 3, 3-C-1.	<b>Amount:</b>	\$16,750.00	<b>Component Description:</b>	Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Interim Combiner, Exhibit 3, 3-C-1.	<b>Amount:</b>	\$33,500.00
<b>Component Description:</b>	Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Interim Combiner, Exhibit 3, 3-C-1.								
<b>Amount:</b>	\$16,750.00								
<b>Component Description:</b>	Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Interim Combiner, Exhibit 3, 3-C-1.								
<b>Amount:</b>	\$33,500.00								
Sweep test of existing antenna	<table> <tr> <td data-bbox="703 1104 1145 1579"><b>Component Description:</b></td><td data-bbox="1145 1104 1426 1579">Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Interim Antenna and Line Sweep Test, Exhibit 3, 3-C-2.</td></tr> <tr> <td data-bbox="703 1579 1145 2132"><b>Amount:</b></td><td data-bbox="1145 1579 1426 2132">\$1,500.00</td></tr> </table>	<b>Component Description:</b>	Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Interim Antenna and Line Sweep Test, Exhibit 3, 3-C-2.	<b>Amount:</b>	\$1,500.00				
<b>Component Description:</b>	Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Interim Antenna and Line Sweep Test, Exhibit 3, 3-C-2.								
<b>Amount:</b>	\$1,500.00								

	<p><b>Component Description:</b></p> <p>Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Interim Antenna and Line Sweep Test, Exhibit 3, 3-C-2.</p> <p><b>Amount:</b></p> <p>\$750.00</p>
UHF - High Power Top Mount Five Station broadband panel antenna elliptically or circularly polarized	<p><b>Component Description:</b></p> <p>Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Interim Antenna, Exhibit 3, 3-B.</p> <p><b>Amount:</b></p> <p>\$41,611.50</p> <p><b>Component Description:</b></p> <p>Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Interim Antenna, Exhibit 3, 3-B.</p> <p><b>Amount:</b></p> <p>\$20,805.75</p>
Elbow complex, broadband, at antenna input, per 8 3/16. feedline (if needed)	

	<table> <tr> <td data-bbox="711 98 1145 595"><b>Component Description:</b></td><td data-bbox="1145 98 1434 595">This invoice is the Milestone 2 progress payment for work done at the primary WSBK site. This item is the primary antenna elbow complex. See Exhibit 42 item 3-C-2.</td></tr> <tr> <td data-bbox="711 595 1145 707"><b>Amount:</b></td><td data-bbox="1145 595 1434 707">\$4,500.00</td></tr> <tr> <td data-bbox="711 707 1145 1267"><b>Component Description:</b></td><td data-bbox="1145 707 1434 1267">This invoice is the Milestone 1 down payment for work done at the primary WSBK site. This item is the primary antenna elbow complex. See Exhibit 36A item 3-C-2.</td></tr> <tr> <td data-bbox="711 1267 1145 1335"><b>Amount:</b></td><td data-bbox="1145 1267 1434 1335">\$2,250.00</td></tr> </table>	<b>Component Description:</b>	This invoice is the Milestone 2 progress payment for work done at the primary WSBK site. This item is the primary antenna elbow complex. See Exhibit 42 item 3-C-2.	<b>Amount:</b>	\$4,500.00	<b>Component Description:</b>	This invoice is the Milestone 1 down payment for work done at the primary WSBK site. This item is the primary antenna elbow complex. See Exhibit 36A item 3-C-2.	<b>Amount:</b>	\$2,250.00
<b>Component Description:</b>	This invoice is the Milestone 2 progress payment for work done at the primary WSBK site. This item is the primary antenna elbow complex. See Exhibit 42 item 3-C-2.								
<b>Amount:</b>	\$4,500.00								
<b>Component Description:</b>	This invoice is the Milestone 1 down payment for work done at the primary WSBK site. This item is the primary antenna elbow complex. See Exhibit 36A item 3-C-2.								
<b>Amount:</b>	\$2,250.00								
New combiner, cost per channel (without antenna)	<table> <tr> <td data-bbox="711 1267 1145 1794"><b>Component Description:</b></td><td data-bbox="1145 1267 1434 1794">This invoice is the Milestone 1 down payment for work done at the primary WSBK site. This item is the primary antenna combiner. See Exhibit 36A item 3-C-1.</td></tr> <tr> <td data-bbox="711 1794 1145 2145"><b>Amount:</b></td><td data-bbox="1145 1794 1434 2145">\$18,750.00</td></tr> </table>	<b>Component Description:</b>	This invoice is the Milestone 1 down payment for work done at the primary WSBK site. This item is the primary antenna combiner. See Exhibit 36A item 3-C-1.	<b>Amount:</b>	\$18,750.00				
<b>Component Description:</b>	This invoice is the Milestone 1 down payment for work done at the primary WSBK site. This item is the primary antenna combiner. See Exhibit 36A item 3-C-1.								
<b>Amount:</b>	\$18,750.00								

	<p><b>Component Description:</b></p> <p>This invoice is the Milestone 2 progress payment for work done at the primary WSBK site. This item is the primary antenna combiner. See Exhibit 42 item 3-C-1.</p> <p><b>Amount:</b></p> <p>\$37,500.00</p>
Sweep test of existing antenna	<p><b>Component Description:</b></p> <p>This invoice is the Milestone 2 progress payment for work done at the primary WSBK site. This item is the sweep test of the primary antenna. See Exhibit 42 item 3-C-2.</p> <p><b>Amount:</b></p> <p>\$2,500.00</p> <p><b>Component Description:</b></p> <p>This invoice is the Milestone 1 down payment for work done at the primary WSBK site. This item is the sweep test of the primary antenna. See Exhibit 36A item 3-C-2.</p> <p><b>Amount:</b></p> <p>\$1,250.00</p>
UHF - High Power Top Mount (200-1000 kW), Four Station broadband panel antenna, elliptically or circularly polarized	

	<table> <tr> <td data-bbox="703 87 1145 593"><b>Component Description:</b></td><td data-bbox="1145 87 1426 593">This invoice is the Milestone 2 down payment for work done at the primary WSBK site. This item is the primary antenna minus 75% of V-Pol costs. See Exhibit 42 item 3-B.</td></tr> <tr> <td data-bbox="703 593 1145 705"><b>Amount:</b></td><td data-bbox="1145 593 1426 705">\$60,116.25</td></tr> <tr> <td data-bbox="703 705 1145 1227"><b>Component Description:</b></td><td data-bbox="1145 705 1426 1227">This invoice is the Milestone 1 down payment for work done at the primary WSBK site. This item is the primary antenna. See Exhibit 36A item 3-B.</td></tr> <tr> <td data-bbox="703 1227 1145 1339"><b>Amount:</b></td><td data-bbox="1145 1227 1426 1339">\$37,153.12</td></tr> </table>	<b>Component Description:</b>	This invoice is the Milestone 2 down payment for work done at the primary WSBK site. This item is the primary antenna minus 75% of V-Pol costs. See Exhibit 42 item 3-B.	<b>Amount:</b>	\$60,116.25	<b>Component Description:</b>	This invoice is the Milestone 1 down payment for work done at the primary WSBK site. This item is the primary antenna. See Exhibit 36A item 3-B.	<b>Amount:</b>	\$37,153.12
<b>Component Description:</b>	This invoice is the Milestone 2 down payment for work done at the primary WSBK site. This item is the primary antenna minus 75% of V-Pol costs. See Exhibit 42 item 3-B.								
<b>Amount:</b>	\$60,116.25								
<b>Component Description:</b>	This invoice is the Milestone 1 down payment for work done at the primary WSBK site. This item is the primary antenna. See Exhibit 36A item 3-B.								
<b>Amount:</b>	\$37,153.12								
Combiner Installation	<table> <tr> <td data-bbox="703 1227 1145 1713"><b>Component Description:</b></td><td data-bbox="1145 1227 1426 1713">This invoice is the Milestone 1 down payment for work done at the primary WSBK site. This item is the primary antenna. See Exhibit 36A item 3-C-2.</td></tr> <tr> <td data-bbox="703 1713 1145 2134"><b>Amount:</b></td><td data-bbox="1145 1713 1426 2134">\$2,187.50</td></tr> </table>	<b>Component Description:</b>	This invoice is the Milestone 1 down payment for work done at the primary WSBK site. This item is the primary antenna. See Exhibit 36A item 3-C-2.	<b>Amount:</b>	\$2,187.50				
<b>Component Description:</b>	This invoice is the Milestone 1 down payment for work done at the primary WSBK site. This item is the primary antenna. See Exhibit 36A item 3-C-2.								
<b>Amount:</b>	\$2,187.50								



**Component Description:**

This invoice is the Milestone 2 progress payment for work done at the primary WSBK site. This item is the primary antenna. See Exhibit 42 item 3-C-2.

**Amount:**

\$4,375.00

## 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>\$997,500.00</b>	<b>\$84,900.00</b>		<b>\$48,281.25</b>	
Rigid Transmission Line - copper, 8 3 /16" broadband	\$997,500.00	\$84,900.00	Material cost for two (2) 8 3 /16" Broadband rigid transmission lines, six (6) elbows (3 each line) and a nitrogen generator for pressurization control on the dual lines. Cost shared with other stations. See Exhibit 15.	\$48,281.25	N/A
<b>Primary Transmission Line</b>	<b>\$13,597.34</b>	<b>\$13,597.34</b>		<b>\$10,597.34</b>	
Nitrogen Generator	<i>\$3,000.00</i>	\$3,000.00	Nitrogen Generator Upgrade. See Exhibit 14.	N/A	N/A
Transmission Line	<i>\$10,597.34</i>	\$10,597.34	Please see Exhibit 44. Includes freight.	\$10,597.34	N/A
<b>Sub-total</b>	<b>\$1,011,097.34</b>	<b>\$98,497.34</b>	<b>N/A</b>	<b>\$58,878.59</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$5,197,834.14</b>	<b>\$2,286,604.14</b>	<b>N/A</b>	<b>\$1,623,637.06</b>	<b>N/A</b>

## Components

Actual Information	
Description	File Name
Rigid Transmission Line - copper, 8 3/16" broadband	<b>Component Description:</b> Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Interim Transmission Line, Exhibit 3, 3-A. This is the comparable 7-inch, not upgraded 8-inch line cost. Includes nitrogen generator.
	<b>Amount:</b> \$32,187.50
	<b>Component Description:</b> Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Interim Transmission Line, Exhibit 3, 3-A. This is the comparable 7-inch, not upgraded 8-inch line cost. Includes nitrogen generator.
	<b>Amount:</b> \$16,093.75
Nitrogen Generator	Information not provided.
Transmission Line	

**Component Description:**

Transmission line  
between  
transmitter and  
combiner. Please  
see Exhibit 44.

**Amount:**

\$10,597.34

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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 GTOWER</b>	<b>\$604,000.00</b>	<b>\$90,180.00</b>		<b>\$62,126.25</b>	
Structural engineering tower load study for well documented tower	\$12,600.00	\$4,380.00	Structural tower mapping to ensure the proper structural information is relayed to engineering for proposed repack equipment. Rigorous Structural analysis to access the structural capacity and modifications needed. See Exhibit 15.	\$3,326.25	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$17,500.00	It is expected that the additional loads imposed on the tower by the new appurtenances required for the repack project will cause the tower to fail. The structural failure is expected to be in the minor	\$7,500.00	N/A

category. See  
Exhibit 15.

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$55,900.00	This candelabra is classified as complex structure. The cost includes the installation of the new antenna, two transmission lines and all the required tower brackets. See Exhibit 15.	\$42,000.00	N/A
Construction Management	<b>\$3,000.00</b>	\$3,000.00	9 hours on Modification project management and 15 hours for RF installation project management for a total of 20 days. See Exhibit 3.	\$2,250.00	N/A
Tower Permit Packages	<b>\$9,400.00</b>	\$9,400.00	Prepare tower, building, and ground drawings for local permits and approvals. Required to support required modifications needed for repack. See Exhibit 3.	\$7,050.00	N/A
<b>Primary Tower GTOWER</b>	<b>\$621,765.00</b>	<b>\$138,175.00</b>		<b>\$98,450.62</b>	
Install TX Line In TX	<b>\$13,515.00</b>	\$13,515.00	Please see quote in	\$13,515.00	N/A

Room			Exhibit 46		
Structural engineering tower load study for well documented tower	\$12,600.00	\$8,760.00	Structural mapping, analysis, and engineering needed to accommodate the repacked equipment. See Exhibit 14.	\$8,315.62	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$25,000.00	Additional loads imposed on the tower by the new appurtenances required for the repack project will cause the tower to fail. The structural failure is expected to be in the minor category. See Exhibit 2.	\$18,750.00	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$74,250.00	Tower has stacked antennas and is thus a complex structure. (Disregard other parts of form would accept that answer.) Cost includes antenna installation, transmission lines and transmission line brackets. See Exhibit 14.	\$45,375.00	N/A
Construction Management	<b>\$5,250.00</b>	\$5,250.00	(44) hours on Modification	\$4,125.00	N/A

			project management and RF installation project management. See Exhibit 14.		
Site Coordination Meetings	\$2,000.00	\$2,000.00	Site coordination meetings with all broadcasters, contractors and vendors involved with the site deliveries and construction. This cost is for travel and logistics expenses accrued. See Exhibit 14 Line 1-B-1.	\$1,320.00	N/A
Tower Permit Packages	\$9,400.00	\$9,400.00	Generation of tower, building, and ground drawing packages required for local permits. See Exhibit 14, items 3-D-1.	\$7,050.00	N/A
<b>Sub-total</b>	\$1,225,765.00	\$228,355.00	N/A	\$160,576.87	N/A
<b>Total for all systems</b>	\$5,197,834.14	\$2,286,604.14	N/A	\$1,623,637.06	N/A

## Components

Actual Information Description	File Name
Structural engineering	



tower load study for well  
documented tower

**Component Description:**

Invoice is 50%  
Down Payment for  
\$230,591.50 ATC  
total estimated  
cost. (See Exhibit  
3). This amount is  
25% of Tower  
Mapping (Exhibit 3,  
3-A-1) and  
Structural  
Engineering  
(Exhibit 3, 3-A-1).

**Amount:**

\$2,217.50

**Component Description:**

Invoice is 25%  
Down Payment for  
\$115,297.75 ATC  
total estimated  
cost. (See Exhibit  
3). This amount is  
25% of Tower  
Mapping (Exhibit 3,  
3-A-1) and  
Structural  
Engineering  
(Exhibit 3, 3-A-1).

**Amount:**

\$1,108.75

Minor tower reinforcement  
/modifications

**Component Description:**

Invoice is 25%  
Down Payment for  
\$115,297.75 ATC  
total estimated  
cost. (See Exhibit  
3). This amount is  
25% of Tower  
Reinforcement,  
Exhibit 3, 3-A-2.

**Amount:**

\$2,500.00

	<p><b>Component Description:</b></p> <p>Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Tower Reinforcement, Exhibit 3, 3-A-2.</p> <p><b>Amount:</b></p> <p>\$5,000.00</p>
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	<p><b>Component Description:</b></p> <p>Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Rigging, Exhibit 3, 3-C-1.</p> <p><b>Amount:</b></p> <p>\$28,000.00</p> <p><b>Component Description:</b></p> <p>Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Rigging, Exhibit 3, 3-C-1.</p> <p><b>Amount:</b></p> <p>\$14,000.00</p>
Construction Management	

	<table> <tr> <td data-bbox="691 87 1018 593"><b>Component Description:</b></td><td data-bbox="1018 87 1426 593">Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Interim Tower Construction Project Management, Exhibit 3, 3-D-1.</td></tr> <tr> <td data-bbox="691 593 1018 705"><b>Amount:</b></td><td data-bbox="1018 593 1426 705">\$1,500.00</td></tr> <tr> <td data-bbox="691 705 1018 1265"><b>Component Description:</b></td><td data-bbox="1018 705 1426 1265">Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Interim Tower Construction Project Management, Exhibit 3, 3-D-1.</td></tr> <tr> <td data-bbox="691 1265 1018 1377"><b>Amount:</b></td><td data-bbox="1018 1265 1426 1377">\$750.00</td></tr> </table>	<b>Component Description:</b>	Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Interim Tower Construction Project Management, Exhibit 3, 3-D-1.	<b>Amount:</b>	\$1,500.00	<b>Component Description:</b>	Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Interim Tower Construction Project Management, Exhibit 3, 3-D-1.	<b>Amount:</b>	\$750.00
<b>Component Description:</b>	Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Interim Tower Construction Project Management, Exhibit 3, 3-D-1.								
<b>Amount:</b>	\$1,500.00								
<b>Component Description:</b>	Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Interim Tower Construction Project Management, Exhibit 3, 3-D-1.								
<b>Amount:</b>	\$750.00								
Tower Permit Packages	<table> <tr> <td data-bbox="691 1265 1018 1803"><b>Component Description:</b></td><td data-bbox="1018 1265 1426 1803">Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Tower and Building Permits, Exhibit 3, 3-D-1 (\$4,700 plus \$4,700).</td></tr> <tr> <td data-bbox="691 1803 1018 2134"><b>Amount:</b></td><td data-bbox="1018 1803 1426 2134">\$4,700.00</td></tr> </table>	<b>Component Description:</b>	Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Tower and Building Permits, Exhibit 3, 3-D-1 (\$4,700 plus \$4,700).	<b>Amount:</b>	\$4,700.00				
<b>Component Description:</b>	Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Tower and Building Permits, Exhibit 3, 3-D-1 (\$4,700 plus \$4,700).								
<b>Amount:</b>	\$4,700.00								

	<p><b>Component Description:</b></p> <p>Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Tower and Building Permits, Exhibit 3, 3-D-1 (\$4,700 plus \$4,700).</p> <p><b>Amount:</b></p> <p>\$2,350.00</p>
Install TX Line In TX Room	<p><b>Component Description:</b></p> <p>Install transmission line between transmitter and combiner. Please see Exhibit 46A.</p> <p><b>Amount:</b></p> <p>\$13,515.00</p>
Structural engineering tower load study for well documented tower	<p><b>Component Description:</b></p> <p>This invoice is the Milestone 2 down payment for work done at the primary WSBK site. This item is mapping and structural engineering. See Exhibit 42 item 3-A-1.</p> <p><b>Amount:</b></p> <p>\$5,543.75</p>

	<p><b>Component Description:</b></p> <p>This invoice is the Milestone 1 down payment for work done at the primary WSBK site. This item is mapping and structural engineering. See Exhibit 36A item 3-A-1.</p> <p><b>Amount:</b></p> <p>\$2,771.87</p>
Minor tower reinforcement /modifications	<p><b>Component Description:</b></p> <p>This invoice is the Milestone 2 progress payment for work done at the primary WSBK site. This item is the primary tower reinforcement. See Exhibit 42 item 3-A-2.</p> <p><b>Amount:</b></p> <p>\$12,500.00</p> <p><b>Component Description:</b></p> <p>This invoice is the Milestone 1 down payment for work done at the primary WSBK site. This item is the primary tower reinforcement. See Exhibit 36A item 3-A-2.</p> <p><b>Amount:</b></p> <p>\$6,250.00</p>
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	

	<table> <tr> <td data-bbox="707 159 1015 192"><b>Component Description:</b></td><td data-bbox="1150 159 1378 551">This invoice is the Milestone 2 progress payment for work done at the primary WSBK site. This item is the primary tower reinforcement. See Exhibit 42 item 3-C-1.</td></tr> <tr> <td data-bbox="707 562 815 595"><b>Amount:</b></td><td data-bbox="1150 562 1281 595">\$30,250.00</td></tr> <tr> <td data-bbox="707 696 1015 730"><b>Component Description:</b></td><td data-bbox="1150 696 1378 1088">This invoice is the Milestone 1 down payment for work done at the primary WSBK site. This item is the primary tower reinforcement. See Exhibit 36A item 3-C-1.</td></tr> <tr> <td data-bbox="707 1099 815 1133"><b>Amount:</b></td><td data-bbox="1150 1099 1281 1133">\$15,125.00</td></tr> </table>	<b>Component Description:</b>	This invoice is the Milestone 2 progress payment for work done at the primary WSBK site. This item is the primary tower reinforcement. See Exhibit 42 item 3-C-1.	<b>Amount:</b>	\$30,250.00	<b>Component Description:</b>	This invoice is the Milestone 1 down payment for work done at the primary WSBK site. This item is the primary tower reinforcement. See Exhibit 36A item 3-C-1.	<b>Amount:</b>	\$15,125.00
<b>Component Description:</b>	This invoice is the Milestone 2 progress payment for work done at the primary WSBK site. This item is the primary tower reinforcement. See Exhibit 42 item 3-C-1.								
<b>Amount:</b>	\$30,250.00								
<b>Component Description:</b>	This invoice is the Milestone 1 down payment for work done at the primary WSBK site. This item is the primary tower reinforcement. See Exhibit 36A item 3-C-1.								
<b>Amount:</b>	\$15,125.00								
Construction Management	<table> <tr> <td data-bbox="707 1272 1015 1305"><b>Component Description:</b></td><td data-bbox="1150 1272 1378 1709">This invoice is the Milestone 2 progress payment for work done at the primary WSBK site. This item is the construction project management. See Exhibit 42 item 3-D-1.</td></tr> <tr> <td data-bbox="707 1720 815 1753"><b>Amount:</b></td><td data-bbox="1150 1720 1265 1753">\$2,750.00</td></tr> </table>	<b>Component Description:</b>	This invoice is the Milestone 2 progress payment for work done at the primary WSBK site. This item is the construction project management. See Exhibit 42 item 3-D-1.	<b>Amount:</b>	\$2,750.00				
<b>Component Description:</b>	This invoice is the Milestone 2 progress payment for work done at the primary WSBK site. This item is the construction project management. See Exhibit 42 item 3-D-1.								
<b>Amount:</b>	\$2,750.00								

	<p><b>Component Description:</b></p> <p>This invoice is the Milestone 1 down payment for work done at the primary WSBK site. This item is the construction project management. See Exhibit 36A item 3-D-1.</p> <p><b>Amount:</b></p> <p>\$1,375.00</p>
Site Coordination Meetings	<p><b>Component Description:</b></p> <p>This invoice is the Milestone 1 down payment for work done at the primary WSBK site. This item is site coordination meetings. See Exhibit 36A item 1-A-1.</p> <p><b>Amount:</b></p> <p>\$440.00</p> <p><b>Component Description:</b></p> <p>This invoice is the Milestone 2 progress payment for work done at the primary WSBK site. This item is site coordination meetings. See Exhibit 42 item 1-A-1.</p> <p><b>Amount:</b></p> <p>\$880.00</p>
Tower Permit Packages	

<b>Component Description:</b>	This invoice is the Milestone 2 progress payment for work done at the primary WSBK site. This item is the tower and building permit drawings. See Exhibit 42 item 3-D-1.
<b>Amount:</b>	\$4,700.00

<b>Component Description:</b>	This invoice is the Milestone 1 down payment for work done at the primary WSBK site. This item is the tower and building permit drawings. See Exhibit 36A item 3-D-1.
<b>Amount:</b>	\$2,350.00

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## 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>\$70,485.00</b>	<b>\$91,460.00</b>		<b>\$34,432.50</b>	
Site Coordination Meeting	<i>\$2,000.00</i>	\$2,000.00	Site coordination meetings with all broadcasters, contractors and vendors involved with the site deliveries and construction. This cost is for travel and logistics expenses accrued. (See Exhibit 14.)	N/A	N/A
RF System Test	<i>\$8,000.00</i>	\$8,000.00	Testing of the combiner to ensure all frequencies are tuned for optimal patterns. (See Exhibits 2 and 3.)	\$6,000.00	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	N/A	N/A	N/A

Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$2,000.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$10,500.00	Perform engineering study for new channel assignment and antenna development. (See Exhibits 2 and 3.)	\$8,837.50	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$4,500.00	Coordination and transition planning with all parties onsite. (See Exhibits 2 and 3)	\$3,375.00	N/A
Project management of the transition	\$39,500.00	\$56,460.00	Company lacks sufficient resources. Also includes American Tower project management.	\$14,220.00	N/A

See Exhibits  
2 and 3, 1-A-  
1.

<b>Sub-total</b>	\$70,485.00	\$91,460.00	N/A	\$34,432.50	N/A
<b>Total for all systems</b>	\$5,197,834.14	\$2,286,604.14	N/A	\$1,623,637.06	N/A

## Components

Actual Information	
Description	File Name
Site Coordination Meeting	Information not provided.
RF System Test	<p><b>Component Description:</b> This invoice is the Milestone 1 down payment for work done at the primary WSBK site. This item is the primary antenna RF System Test. See Exhibit 36A item 1-B-1.</p> <p><b>Amount:</b> \$1,375.00</p> <p><b>Component Description:</b> Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of RF System Test, Exhibit 3, 1-B-1.</p> <p><b>Amount:</b> \$625.00</p>

	<p><b>Component Description:</b> Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of RF System Test, Exhibit 3, 1-B-1.</p> <p><b>Amount:</b> \$1,250.00</p>
	<p><b>Component Description:</b> This invoice is the Milestone 2 progress payment for work done at the primary WSBK site. This item is the primary antenna RF System Test. See Exhibit 42 item 1-B-1.</p> <p><b>Amount:</b> \$2,750.00</p>
Attorney Fees - Negotiation of lease and other matters for shared locations	Information not provided.
Prepare request for Special Temporary Authorization	Information not provided.
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<p><b>Component Description:</b> Final interference study and CP Application - Engineering Section.</p> <p><b>Amount:</b> \$1,450.00</p>

	<p><b>Component Description:</b></p> <p>Find "work around" to Canadian coordination. See Exhibit 13 for a revised invoice showing dates worked.</p> <p><b>Amount:</b></p> <p>\$550.00</p>
Perform engineering study for new channel assignment and antenna development	<p><b>Component Description:</b></p> <p>Prepare coverage map showing primary and interim antenna coverage options.</p> <p><b>Amount:</b></p> <p>\$187.50</p> <p><b>Component Description:</b></p> <p>This invoice is the Milestone 1 down payment for work done at the primary WSBK site. This item is the primary antenna development. See Exhibit 36A item 1-A-2.</p> <p><b>Amount:</b></p> <p>\$1,375.00</p> <p><b>Component Description:</b></p> <p>Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Antenna Development Engineering, Exhibit 3, 1-A-2.</p> <p><b>Amount:</b></p> <p>\$2,500.00</p>

	<table> <tr> <td data-bbox="707 96 1134 584"><b>Component Description:</b></td><td data-bbox="1134 96 1426 584">This invoice is the Milestone 2 progress payment for work done at the primary WSBK site. This item is the primary antenna development. See Exhibit 42 item 1-A-2.</td></tr> <tr> <td data-bbox="707 584 1134 696"><b>Amount:</b></td><td data-bbox="1134 584 1426 696">\$2,750.00</td></tr> <tr> <td data-bbox="707 696 1134 1133"><b>Component Description:</b></td><td data-bbox="1134 696 1426 1133">Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Antenna Development Engineering, Exhibit 3, 1-A-2.</td></tr> <tr> <td data-bbox="707 1133 1134 1245"><b>Amount:</b></td><td data-bbox="1134 1133 1426 1245">\$1,250.00</td></tr> <tr> <td data-bbox="707 1245 1134 1525"><b>Component Description:</b></td><td data-bbox="1134 1245 1426 1525">Preliminary Interference study of initial channel assignment.</td></tr> <tr> <td data-bbox="707 1525 1134 2132"><b>Amount:</b></td><td data-bbox="1134 1525 1426 2132">\$775.00</td></tr> </table>	<b>Component Description:</b>	This invoice is the Milestone 2 progress payment for work done at the primary WSBK site. This item is the primary antenna development. See Exhibit 42 item 1-A-2.	<b>Amount:</b>	\$2,750.00	<b>Component Description:</b>	Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Antenna Development Engineering, Exhibit 3, 1-A-2.	<b>Amount:</b>	\$1,250.00	<b>Component Description:</b>	Preliminary Interference study of initial channel assignment.	<b>Amount:</b>	\$775.00
<b>Component Description:</b>	This invoice is the Milestone 2 progress payment for work done at the primary WSBK site. This item is the primary antenna development. See Exhibit 42 item 1-A-2.												
<b>Amount:</b>	\$2,750.00												
<b>Component Description:</b>	Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Antenna Development Engineering, Exhibit 3, 1-A-2.												
<b>Amount:</b>	\$1,250.00												
<b>Component Description:</b>	Preliminary Interference study of initial channel assignment.												
<b>Amount:</b>	\$775.00												
Address transition timing and coordination issues w/ other stations and wireless													

**Component Description:**

This invoice is the Milestone 2 progress payment for work done at the primary WSBK site. This item is the project management for addressing transition timing. See Exhibit 42 item 1-A-1.

**Amount:**

\$1,000.00

**Component Description:**

Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Address Transition Timing, Exhibit 3, 1-A-1.

**Amount:**

\$1,250.00

**Component Description:**

Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Address Transition Timing, Exhibit 3, 1-A-1.

**Amount:**

\$625.00

	<p><b>Component Description:</b></p> <p>This invoice is the Milestone 1 down payment for work done at the primary WSBK site. This item is the project management for addressing transition timing. See Exhibit 36A item 1-A-1.</p> <p><b>Amount:</b></p> <p>\$500.00</p>
Project management of the transition	<p><b>Component Description:</b></p> <p>This invoice is the Milestone 1 down payment for work done at the primary WSBK site. This item is the primary site project management. See Exhibit 36A item 1-A-2.</p> <p><b>Amount:</b></p> <p>\$2,370.00</p> <p><b>Component Description:</b></p> <p>This invoice is the Milestone 2 progress payment for work done at the primary WSBK site. This item is the primary site project management. See Exhibit 42 item 1-A-2.</p> <p><b>Amount:</b></p> <p>\$4,740.00</p>



**Component Description:**

Invoice is 50%  
Down Payment for  
\$230,591.50 ATC  
total estimated  
cost. (See Exhibit  
3). This amount is  
50% of Interim Site  
Project  
Management,  
Exhibit 3, 1-A-1.

**Amount:**

\$4,740.00

**Component Description:**

Invoice is 25%  
Down Payment for  
\$115,297.75 ATC  
total estimated  
cost. (See Exhibit  
3). This amount is  
25% of Interim Site  
Project  
Management,  
Exhibit 3, 1-A-1.

**Amount:**

\$2,370.00

Cost  
Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$74,439.26	\$68,134.26		\$34,613.00	
Equipment Delivery and Handling Charges	<i>\$30,254.26</i>	\$30,254.26	This cost is for the material /equipment, delivery and offloading by transmitter manufacturer, and third party contractors. (See Exhibits 1, 2, 3, 7, 27, 28, 40A, and 41.)	\$24,458.00	asdf
Building Partition	<i>\$1,800.00</i>	\$1,800.00	This cost is to provide permitting for building partition and electrical service installation in the shared space. This install is to provide security for broadcasters and sufficient power for transmitters. See Exhibit 3.	\$1,350.00	N/A
Asbestos and Lead Paint Testing	<i>\$1,800.00</i>	\$1,800.00	Asbestos testing, removal and	\$1,350.00	N/A

			abatement for walls which could contain lead paint and /or the flooring may contain asbestos, because of the age of the facility and the era when the original construction took place. (See Exhibit 3.)		
Deinstall Old Transmitter	<b>\$16,100.00</b>	\$16,100.00	Deinstall and remove old WSBK transmitter. See Exhibit 1 Item F.	\$0.00	N/A
Site Security	<b>\$3,600.00</b>	\$3,600.00	Site security for installation and storage of Transmission line and materials for 30 days X 12 hours. These materials are a high risk of theft due to the material makeup such as copper, brass and aluminum. (See Exhibit 3.)	\$2,700.00	N/A
Site Coordination Meeting	<b>\$1,760.00</b>	\$1,760.00	Site coordination meetings with tower owner, all broadcasters,	N/A	N/A

			contractors and vendors involved with the site deliveries and construction. This cost is for travel and logistics expenses accrued. See Exhibit 2.		
Public Hearing	<b>\$880.00</b>	\$880.00	Public hearing cost (See Exhibits 2 and 14, line item 1-B-1.)	\$630.00	N/A
MVPD Notification of Channel Change	<b>\$1,000.00</b>	\$1,000.00	N/A	N/A	N/A
Non-zoning permits	<b>\$1,500.00</b>	\$1,500.00	The cost of preparation and submission of the needed forms for permits required for electrical, building permits. (See Exhibits 2 and 3.)	\$1,125.00	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$5,250.00	See Exhibit 5	N/A	N/A
Ice Shield for HVAC	<b>\$4,000.00</b>	\$4,000.00	Ice protection for HVAC compressor	\$3,000.00	N/A

			split units placed in close proximity of tower in areas prone to ice and snow. See Exhibit 3.		
<b>Sub-total</b>	\$74,439.26	\$68,134.26	N/A	\$34,613.00	N/A
<b>Total for all systems</b>	\$5,197,834.14	\$2,286,604.14	N/A	\$1,623,637.06	N/A

**Components**

Actual Information	
Description	File Name
Equipment Delivery and Handling Charges	
	<div> <div>Component Description:</div> <div>Invoice is installation, proof, freight, and parts for base portion of interim transmitter. This is transmitter freight. Please see Exhibit 40A.</div> </div>
	<div> <div>Amount:</div> <div>\$8,023.42</div> </div>
	<div> <div>Component Description:</div> <div>Freight - Relocate Additional Interim Transmitter Components from storage to Interim Transmitter Site. Note: Form won't accept "&amp;" in Vendor Name.</div> </div>
	<div> <div>Amount:</div> <div>\$3,850.00</div> </div>

<b>Component Description:</b>	Invoice is for Primary TX Install, Proof, Freight, and Old TX Removal. This cost is for New TX Freight.
<b>Amount:</b>	\$5,796.26

<b>Component Description:</b>	Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Tower Equipment and Delivery Costs, Exhibit 3, 1-A-4.
<b>Amount:</b>	\$750.00

<b>Component Description:</b>	Primary Transmitter Payment Four. This cost is for transmitter freight. Please see Exhibit 40.
<b>Amount:</b>	\$8,023.42

<b>Component Description:</b>	Freight for interim transmitter upsize. See explanation and quote /statement in Exhibit 41.
<b>Amount:</b>	\$5,159.58

<b>Component Description:</b>	This invoice is the Milestone 1 down payment for work done at the primary WSBK site. This item is the primary tower equipment and delivery. See Exhibit 36A item 1-A-4.
<b>Amount:</b>	\$1,375.00

<b>Component Description:</b>	Freight - Relocate Interim Transmitter from storage to Interim Transmitter Site. Note: Form won't accept "&" in Vendor Name.
<b>Amount:</b>	\$1,050.00

<b>Component Description:</b>	Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Tower Equipment and Delivery Costs, Exhibit 3, 1-A-4.
<b>Amount:</b>	\$1,500.00

	<p><b>Component Description:</b></p> <p>This invoice is the Milestone 2 progress payment for work done at the primary WSBK site. This item is the primary tower equipment and delivery. See Exhibit 42 item 1-A-4.</p> <p><b>Amount:</b></p> <p>\$2,750.00</p>
Building Partition	<p><b>Component Description:</b></p> <p>Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Building Addition, Exhibit 3, 3-C-3.</p> <p><b>Amount:</b></p> <p>\$900.00</p> <p><b>Component Description:</b></p> <p>Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Building Addition, Exhibit 3, 3-C-3.</p> <p><b>Amount:</b></p> <p>\$450.00</p>
Asbestos and Lead Paint Testing	



	<table> <tr> <td data-bbox="711 98 1134 539"><b>Component Description:</b></td><td data-bbox="1134 98 1428 539">Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Asbestos and Lead Paint Testing, Exhibit 3, 1-B-1.</td></tr> <tr> <td data-bbox="711 539 1134 651"><b>Amount:</b></td><td data-bbox="1134 539 1428 651">\$900.00</td></tr> <tr> <td data-bbox="711 651 1134 1077"><b>Component Description:</b></td><td data-bbox="1134 651 1428 1077">Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Asbestos and Lead Paint Testing, Exhibit 3, 1-B-1.</td></tr> <tr> <td data-bbox="711 1077 1134 1189"><b>Amount:</b></td><td data-bbox="1134 1077 1428 1189">\$450.00</td></tr> </table>	<b>Component Description:</b>	Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Asbestos and Lead Paint Testing, Exhibit 3, 1-B-1.	<b>Amount:</b>	\$900.00	<b>Component Description:</b>	Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Asbestos and Lead Paint Testing, Exhibit 3, 1-B-1.	<b>Amount:</b>	\$450.00
<b>Component Description:</b>	Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Asbestos and Lead Paint Testing, Exhibit 3, 1-B-1.								
<b>Amount:</b>	\$900.00								
<b>Component Description:</b>	Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Asbestos and Lead Paint Testing, Exhibit 3, 1-B-1.								
<b>Amount:</b>	\$450.00								
Deinstall Old Transmitter	<table> <tr> <td data-bbox="711 1189 1134 1503"><b>Component Description:</b></td><td data-bbox="1134 1189 1428 1503">Invoice is for Primary TX Install, Proof, Freight, and Old TX Removal. This cost is for Old TX Removal.</td></tr> <tr> <td data-bbox="711 1503 1134 1599"><b>Amount:</b></td><td data-bbox="1134 1503 1428 1599">\$16,100.00</td></tr> </table>	<b>Component Description:</b>	Invoice is for Primary TX Install, Proof, Freight, and Old TX Removal. This cost is for Old TX Removal.	<b>Amount:</b>	\$16,100.00				
<b>Component Description:</b>	Invoice is for Primary TX Install, Proof, Freight, and Old TX Removal. This cost is for Old TX Removal.								
<b>Amount:</b>	\$16,100.00								
Site Security	<table> <tr> <td data-bbox="711 1599 1134 2024"><b>Component Description:</b></td><td data-bbox="1134 1599 1428 2024">Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Site Security, Exhibit 3, 1-B-1.</td></tr> <tr> <td data-bbox="711 2024 1134 2136"><b>Amount:</b></td><td data-bbox="1134 2024 1428 2136">\$1,800.00</td></tr> </table>	<b>Component Description:</b>	Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Site Security, Exhibit 3, 1-B-1.	<b>Amount:</b>	\$1,800.00				
<b>Component Description:</b>	Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Site Security, Exhibit 3, 1-B-1.								
<b>Amount:</b>	\$1,800.00								

	<p><b>Component Description:</b> Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Site Security, Exhibit 3, 1-B-1.</p> <p><b>Amount:</b> \$900.00</p>
Site Coordination Meeting	Information not provided.
Public Hearing	<p><b>Component Description:</b> Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Public Hearing, Exhibit 3, 1-B-1.</p> <p><b>Amount:</b> \$200.00</p> <p><b>Component Description:</b> Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Public Hearing, Exhibit 3, 1-B-1.</p> <p><b>Amount:</b> \$100.00</p>

	<p><b>Component Description:</b></p> <p>This invoice is the Milestone 2 progress payment for work done at the primary WSBK site. This item is the primary site public hearing. See Exhibit 42 item 1-B-1.</p> <p><b>Amount:</b></p> <p>\$220.00</p>
	<p><b>Component Description:</b></p> <p>This invoice is the Milestone 1 down payment for work done at the primary WSBK site. This item is the primary site public hearing. See Exhibit 36A item 1-B-1.</p> <p><b>Amount:</b></p> <p>\$110.00</p>
MVPD Notification of Channel Change	Information not provided.
Non-zoning permits	<p><b>Component Description:</b></p> <p>This invoice is the Milestone 2 progress payment for work done at the primary WSBK site. This item is the primary building permits. See Exhibit 42 item 1-A-3.</p> <p><b>Amount:</b></p> <p>\$375.00</p>

	<p><b>Component Description:</b> Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Building Permits, Exhibit 3, 1-A-3.</p> <p><b>Amount:</b> \$375.00</p>
	<p><b>Component Description:</b> This invoice is the Milestone 1 down payment for work done at the primary WSBK site. This item is the primary building permits. See Exhibit 36A item 1-A-3.</p> <p><b>Amount:</b> \$187.50</p>
	<p><b>Component Description:</b> Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Building Permits, Exhibit 3, 1-A-3.</p> <p><b>Amount:</b> \$187.50</p>
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
DTV Medical Facility Notification	Information not provided.
Ice Shield for HVAC	

**Component Description:**

Invoice is 50%  
Down Payment for  
\$230,591.50 ATC  
total estimated  
cost. (See Exhibit  
3). This amount is  
50% of HVAC Ice  
Shield, Exhibit 3,  
3-C-6.

**Amount:**

\$2,000.00

**Component Description:**

Invoice is 25%  
Down Payment for  
\$115,297.75 ATC  
total estimated  
cost. (See Exhibit  
3). This amount is  
25% of HVAC Ice  
Shield, Exhibit 3,  
3-C-6.

**Amount:**

\$1,000.00

Cost Information	Grand Total		
		Predetermined Cost Estimate	Estimated Cost
			Actual Cost
	Total for all systems	\$5,197,834.14	\$2,286,604.14
			\$1,623,637.06

Reimbursement Status	Question	Response
	The facility has ceased operating on its pre-auction channel.	Yes
	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> <li>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</li> </ol>	

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.

**Andrew J Siegel**  
*Assistant Secretary*

10/27/2020



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> <li>4. The above-named entity acknowledges the submission of the information herein</li> </ol>	

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

<p>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>Andrew J Siegel</b>  <i>Assistant Secretary</i></p> <p>10/27/2020</p>

## Attachments