

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID:	73982	Service: DTV	Call Sign:	WSBK-TV	Channel: 21 (UHF)
File Number:	000002	7826	e.g.n		
FRN: 00 ;	21079769	Date Submitted:	09/10 /2021		

Applicant Name, Type, and Contact Information

Information

Applicant	Address	Phone	Email	Applicant Type
CBS TELEVISION LICENSES LLC Doing Business As: CBS TELEVISION LICENSES LLC	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 Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information	Preparer Contact Name and Information				
	Applicant	Address	Phone	Email	
	Daniel G. Ryson Director of Spectrum Management ViacomCBS	Daniel G. Ryson 2020 M. St., NW - Licensing DEPT Washington, DC 20036 United States	+1 (202) 457- 4074	dryson@cbs. com	

Broadcaster	Question	Response
Information and Transition Plan	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	Existing Transmitter Information				
Transmitter	Section	Question	Response		
	Existing Transmitter Description	Type of change	Purchase New		
		Use	Primary (Main)		
		Description of Use	N/A		
		Ownership	Owned		
		Owner	N/A		
		Site	N/A		
		Is this transmitter currently shared with another station?	No		
		Is this transmitter currently in operating condition?	Yes		
	Existing Transmitter	Manufacturer			
	Manufacturer and Type	Model	Diamond		
		Year	2002		
		Туре	Solid State		
		Solid State Cooling	Air Cooled		
		Solid State Power Capacity	7 kW		

Existing Transmitter Information

Primary	New Transmitter Costs				
Transmitter	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 Other Transmitter Costs

Transmitter	Section	Question	Response
	Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp) Transformer (480V)	No	
		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.
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Туре	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Other Transmitter Cost Not Listed

Transmitter Information not provided.

Interim	New Transmitter Costs				
Transmitter	Section	Question	Response		
	New Transmitter	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 Electrical Service Service Entrance (3 phases 800A 208V) Yes Switchgear (industrial 800 amp) Yes 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.
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Cooling Only
	Size	20 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A
Inside RF System	Is an additional interior RF system required to support this interim transmitter?	No

Other Transmitter Cost Not Listed

Interim Transmitter

Name

Description

4 Inch Conduit	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.
Transmitter Electrical	Install Electrical for transmitter, pumps, racks, transformer, etc.
New Sub Panels	4 new sub panels at approximately 200 amps each, to power each additional transmitter, house power, HVAC, and ancillary equipment. See Exhibit 3.
10-Ton HVAC Unit	New HVAC System in Room 6 for Load Room Cooling.
3 Inch Conduit	3-inch conduit.
Emergency Generator	Primary site has an emergency generator. This cost replicates backup power at the interim site.
Channel Change Services	Interim Transmitter Channel Change Services

Antennas Section		Question	Response
Antenna Rela	ated Expenses	Do you have antenna related expenses?	Yes

Primary	Existing Antenna Information		
Antenna	Section	Question	Response
	Existing Antenna Description	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
Existing Antenna Manufacturer and Type		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
	-	Class	Full Power
	Manufacturer and Type	Mounting	Top Mount
		Antenna position in stack	Тор
		Polarization	Horizontal
		Туре	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

Antenna	Section	Question	Response
	New Antenna	Use	Primary (Main)
	Description	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
New Antenna Manufacturer and Types		Will antenna be located on or in close proximity to an antenna farm?	No
	Class	Full Power	
	Manufacturer and Types	Mounting	Top Mount
	Antenna position in stack	Not in Stack	
	Polarization	Elliptical	
	Туре	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 Other Antenna Costs

Antenna Section Question Response **Combiner for Shared** Do you need a Combiner for a Shared Yes Antenna Antenna? Туре New Number of channels supported 4 Frequencies of channels supported RF channel N/A Frequency Do you need a combiner output splitter No /switcher for dual feed lines? **Elbow Complex** Yes Do you require the separate purchase of the Elbow Complex? 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 New Antenna Costs			
Antenna	Section	Question	Response
	New Antenna	Use	Interim
Desci	Description	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
New Antenna	Class	Full Power	
	Manufacturer and Type	Mounting	Top Mount
		Antenna position in stack	Bottom
	Polarization	Elliptical	
	Туре	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	Other Antenna Costs			
Antenna	Section	Question	Response	
	Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes	
		Туре	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	
	Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes	
		Broadband or Single Channel?	В	
		Feed Line Size	7 3/16 inches	

Side Mount Brackets	Do you require the separate purchase of side mount brackets for an antenna?	
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

Other Antenna Cost Not Listed

Interim Antenna

Name	Description
Interim Mask Filter	Required separately. See text.
Tower Rent	One-time tower rental during repack. See Exhibit 3.
Combiner Installation	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.

Transmissior	n Seffien	Question	Response
	Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Existing Transmission Line Primary Existing Transmission

missio	n 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
		Туре	Rigid
		Diameter	8 3/16 inches
		Other Diameter	N/A
		Segment Length	Broadband
		Other Segment Length	N/A
		Number of parallel runs	1
		Length	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

Other Transmission Line Expenses Not Listed Transmission Line Descript

onName	Description
Nitrogen Generator	Nitrogen Generator. See Exhibit 14.
Transmission Line	Transmission Line from Transmitter to Combiner. See Exhibit 44.

Interim New Transmission Line

Transmission

nsmissio	Section	Question	Response
	New Transmission Line Costs	Use	Interim
		Description of Use	N/A
		Change Type	Lease New
		Туре	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.

Other Transmission Line Expenses Not Listed Transmission Line Descript

SIO	Name	Description	
	Additional Interim Line	Additional Interim Transmission Line. Please see Exhibit 48.	

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

Auxiliary	Add Tower			
Tower	Section	Question	Response	
	Existing Tower	Type of change	Modify Existing	
	Description	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	Do you have a tower registration number?	Yes	
	Structure Registration	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
6463	WFXT	DTV
9639	WBGB	FM
26897	WWBX	FM
73238	WLVI	DTV
1901	WBZ-FM	FM
23439	WBOS	FM

Auxiliary Tower Modification Costs

Tower

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

Auxiliary Tower Rigging Costs Section Question Response Tower Rigging Costs Complex Tower Candelabra

Auxiliary	Other Tower Expenses Not Listed		
Tower	Name	Description	
	Construction Management	Nine hours on Modification project management and fifteen hours for RF installation project management for a total of twenty days. See Exhibit 3.	
	Tower Permit Packages	Tower and ground equipment drawing package. Required for local approvals. See Exhibit 3.	

Primary Tower	Existing Tower			
	Section	Question	Response	
	Existing Tower	Type of change	Modify Existing	
	Description	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
25456	WBZ-TV	DTV
65684	WCVB-TV	DTV
72099	WGBH-TV	DTV
72098	WGBX-TV	DTV
68241	WBUR-FM	FM
10542	WKLB-FM	FM
18783	WYDN	DTV

Primary Tower Modification Costs

Tower

Tower

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

Primary Tower Rigging Costs

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

Other Tower Expenses Not Listed

Primary Tower

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

Outside	Section	Question	Response
Professional	Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
		Number of Hours	250
		Explanation	Company lacks internal resources.
	Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
		Prepare engineering section of Form FCC Construction Permit Application	Yes
		For Auxiliary Facility	No
		For Main Facility	Yes
		Prepare engineering section of Form FCC License to Cover Application	Yes
		For Auxiliary Facility	No
		For Main Facility	Yes
		Prepare request for Special Temporary Authority	Yes
		Quantity	1
		Do you have Distributed Transmission System engineering services?	N/A
		Critical Facility	N/A
		Terrain-Shielded Facility	N/A
	Attorney and Other Outside Consulting Services	Prepare and file Form FCC Construction Permit Application	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
RF Field Engineering Services	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	No
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Outside Other Professional Services Expenses Not Listed

Professional	Services Costs	Description
	RF System Test	Testing of the combiner to ensure all frequencies are tuned for optimal patterns. See Exhibits 2 and 3.
	Site Coordination Meeting	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	Section	Question	Response		
Expenses	AM Pattern Disturbance	Is an Impact Study needed?	No		
		Is Remediation needed?	No		
	Facility Expenses	Name	N/A		
		Other Distributed Transmission System Expenses Not listed	N/A		
		Name	N/A		
		Is Notification of a Medical Facility required Yes as a result of DTV broadcasting?			
	Permit and Filing Costs	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		
	Other Miscellaneous Expenses	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 Not Listed

Other	Other Expenses Not Listed			
Expenses	Name	Description		
	Asbestos and Lead Paint Testing	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.)		
	Building Partition	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.		
	Deinstall Old Transmitter	Complete removal and deinstallation of existing WSBK transmitter. See Exhibit 1 Item F.		
	Equipment Disposal	Disposal cost for equipment and other waste.		
	Ice Shield for HVAC	Ice protection for HVAC compressor units near tower in areas prone to ice and snow. See Exhibit 3.		
	Public Hearing	Public hearing to alter height of primary tower by changing top antenna. See Exhibit 2.		
	Site Security	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.)		
	Equipment Storage	Equipment Storage Costs. Please see Exhibit 51.		

Transmitters

Cost Information

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 Co Justificat
Interim Transmitter UAXTE-32 WB	\$1,137,306.05	\$1,084,096.05		\$849,771.76	
Other HVAC Service Type: C Size:20 (Other)	\$24,565.00	\$24,565.00	Two 20 ton HVAC units required to maintain operational temperatures for repack transmitters. This is to supplement existing HVAC units already in place. Based on actual cost. Please see Exhibit 48.	\$24,565.00	N/A
4 Inch Conduit	\$19,200.00	\$19,200.00	100' L/F of 4" conduit and larger conductor for 500 KVA power needed for the new transmitters, HVAC, Air handlers and house power. Based on actual cost. Please see Exhibit 48.	\$19,200.00	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$5,200.00	\$7,500.00	200 L/F of 2" conduit and conductor to adequately supply the HVAC, Air handlers and House power.	\$7,500.00	N/A

			The existing power supply is inadequate for the additional power demands of the new repack equipment. Based on actual cost. Please see Exhibit 48.		
Transformer 3 phase /480v - 500 KVA	\$48,400.00	\$10,921.20	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. Based on actual cost. Please see Exhibit 48.	\$10,921.20	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$12,000.00	Switchgear accommodates repack equipment and support the new 500 KVA transformer. The existing service does not have sufficient capacity to support multiple transmitters. Based on actual cost. Please see Exhibit 48.	\$12,000.00	N/A
Service entrance 3 phase/800	\$14,400.00	\$22,568.80	New Switchgear required for the additional repack	\$22,568.80	N/A

amp/208 volt			equipment. The switch will support the new 500 KVA transformer. The existing service does not have sufficient capacity to support multiple transmitters. Based on Actual Cost. Please see Exhibit 48.		
Channel Change Services	\$21,422.83	\$21,422.83	Transmitter was ordered on pre- transition channel but due to construction delays was needed on post- transition channel. Thus, channel change is believed appropriate. See Exhibit 47 for quote.	\$21,422.83	N/A
Emergency Generator	\$103,857.00	\$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
3 Inch Conduit	\$7,840.00	\$7,840.00	Based on actual cost. Please see Exhibit 48.	\$7,840.00	N/A
New Sub Panels	\$24,696.74	\$24,696.74	Four new 200 amp sub panels to power additional transmitter, house power,	\$24,696.74	N/A

			HVAC, and ancillary equipment. Based on actual cost. Please see Exhibit 48.		
Transmitter Electrical	\$60,478.00	\$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
Other Electrical Service: Transformer and surge suppressor required for transmitter operation. See Exhibit 7, Item D.	\$4,226.37	\$4,226.37	Transformer and surge suppressor. Required for proper operation of transmitter. See Exhibit 7 Item D.	\$4,226.37	N/A
UHF - Air Cooled Solid State Transmitter 15.36 kW	\$513,363.19	\$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
10-Ton HVAC Unit	\$4,104.00	\$4,104.00	10-Ton System required for Room 6 to cool	\$4,104.00	N/A

			load. Based on actual cost. Please see Exhibit 48.		
UHF - Air Cooled Solid State Transmitter 7.68 kW	\$247,352.92	\$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 post-transition channels. See Exhibit 12 for justification. See also Exhibit 7 Items A, B, C, and E.	\$247,352.92	Corrected metadata (invoice and due dates) March 1, 2018.
Primary Transmitter UAXTE-24	\$261,930.23	\$261,930.23		\$254,799.01	
Transmitter	\$261,930.23	\$261,930.23 \$5,552.76	75 KVA transformer and parallel surge suppressor. Required for proper operation of the transmitter.	\$254,799.01 \$5,552.76	N/A

			minus the down paymenbt shown in another (locked) cost category. Upgrade estimate is Exhibit 34.		
UHF - Air Cooled Solid State Transmitter 7.2 kW	\$94,743.41	\$94,743.41	***System Notice: Estimate adjusted and locked because line has been superseded. ***Primary transmitter required for repack. See Exhibit 1, items A, B, C, and E.	\$94,743.41	N/A
Sub-total	\$1,399,236.28	\$1,346,026.28	N/A	\$1,104,570.77	N/A
Total for all systems	\$5,409,308.22	\$2,695,796.44	N/A	\$2,407,254.24	N/A

Components

Actual Information Description	File Name	
Other HVAC Service Type: C Size:20 (Other)	Component Description: Amount:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the 20-ton HVAC unit. Please see Exhibit 51. \$8,065.00

Component Description:	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. \$11,000.00
Component Description:	Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of 20-Ton HVAC, Exhibit 3, 3- C-2. \$5,500.00
Component Description:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the four-inch conduit. Please see Exhibit 51. \$17,760.00
Component Description:	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.

4 Inch Conduit

	Component Description:	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. \$960.00
2" Rigid Conduit and Wiring (Cost per foot)	Component Description:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the two-inch conduit. Please see Exhibit 51. \$6,750.00
	Component Description:	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. \$250.00
	Component Description:	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. \$500.00

Transformer 3 phase/480v - 500 KVA	Component Description:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the transformer. Please see Exhibit 51. \$4,021.20
	Component Description:	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. \$2,300.00
	Amount.	ψ2,500.00
	Component Description:	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. \$4,600.00
Switchgear - industrial 800 amp	Component Description:	Invoice is for Milestone 3
		"TrueUp." This cost is for the remainder of the
	Amount:	switch gear. Please see Exhibit 51. \$6,555.00

	Component Description:	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. \$3,630.00
	Component Description:	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. \$1,815.00
Service entrance 3 phase /800 amp/208 volt	Component Description: Amount:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the service entrance. Please see Exhibit 51. \$20,513.80
	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. \$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. \$685.00
Channel Change Services		
	Component Description: Amount:	Interlock Wire \$907.58
	Component Description:	Channel change services. Interim TX ordered on pre- transition channel but due to delays was needed on post-transition channel. \$20,515.25
Emergency Generator		
	Component Description: Amount:	Generator Connection Fee. Please see lease provided as Exhibit 32. \$100,000.00
3 Inch Conduit		
	Component Description:	Invoice is for Milestone 3 "TrueUp." This cost is for the three-inch conduit. Please see Exhibit 51.
	Amount:	\$7,840.00

Component Description: Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the electrical sub panels. Please see Exhibit 51. Amount: \$17,196.74 **Component Description:** 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. Amount: \$5,000.00 **Component Description:** Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Electrical Sub Panels, Exhibit 3, 3-C-6. Amount: \$2,500.00 **Transmitter Electrical Component Description:** Work completed for original interim transmitter electrical minus 10% retainage. See Exhibit 30. The form won't permit entry of ampersand in company name. \$19,800.00

Amount:

	Component Description:	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.
	Amount:	\$4,397.00
		¢ 1,001100
	Common the Decomination	
	Component Description:	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.
	Amount:	\$16,508.00
	O-manual D-second	
	Component Description:	Work completed
		minus 10%
		retainage. See
		Exhibit 19. The
		form won't permit
		entry of
		ampersand in
		company name.
	Amount:	\$19,773.00
Other Electrical Service:		
Transformer and surge		
suppressor required for		
transmitter operation. See		
Exhibit 7, Item D.		

	Component Description:	Invoice is for Balance Due on Interim Transmitter, including item D - Electrical. This invoice is split between this category and the transmitter category. \$4,226.37
UHF - Air Cooled Solid State Transmitter 15.36 kW	Component Description: Amount:	Interim Transmitter Upsize Progress Payment. See quote in Exhibit 22 and justification in Exhibit 25. \$88,670.09
	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. \$16,885.63
	Component Description:	Interim Transmitter Upsize Progress Payment. See quote and statement in Exhibit 41 and justification in Exhibit 25. Freight listed separately. \$76,845.91

	Component Description:	\$0 Requested amount because invoice was inadvertently uploaded to incorrect category. See Exhibit 31A. N/A
	Component Description:	Down Payment for transmitter size increase. See quote in Exhibit 22 and explanation in Exhibit 25A. \$100,494.27
10-Ton HVAC Unit		
	Component Description:	Invoice is for Milestone 3 "TrueUp." This cost is for the 10- ton HVAC unit. Please see Exhibit 51. \$4,104.00
UHF - Air Cooled Solid		
State Transmitter 7.68 kW	Component Description:	Interim Transmitter Progress Payment.
	Amount:	\$89,185.78
	Component Description:	WSBK Interim Transmitter Down Payment.
	Amount:	\$91,252.45

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

Component Description:	Primary Transmitter Payment Four. This cost is for Installation and Proof of Performance. Please see Exhibit 40. \$15,978.05
Component Description:	Primary Transmitter Payment Four. This cost is for interlock wire. Please see Exhibit 40. \$907.58
Component Description:	Primary transmitter payment #3. Electrical costs shown separately. Please see Exhibit 39A. \$51,926.96
Component Description:	Invoice is 100% for a transmitter upgrade that is not reimbursable under FCC policy. Please see Exhibit 31A. N/A

	Component Description:	This is the primary transmitter payment #2. Cost excludes upgrade shown in Exhibit 31A. Please see Exhibit 38A.
	Amount:	\$86,597.83
	Component Description:	Invoice is for Primary TX Install
		Proof, Freight, and Old TX Removal.
		This cost is for
		Install and Proof.
	Amount:	\$15,978.05
UHF - Air Cooled Solid		
State Transmitter 7.2 kW	Component Description:	WSBK Primary
		Transmitter Down
		Payment. See
		Exhibit 8.
	Amount:	\$94,743.41

Antennas

Cost Information

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

Description Interim Antenna TUM-AP- O4-14/56H-	Predetermined Cost Estimate \$270,435.42	Estimated Cost \$279,860.84	Estimated Cost Justification	Actual Cost \$279,860.84	Actual Cost Justification
2-T 14 New combiner, cost per channel (without antenna)	\$84,200.00	\$107,129.17	Dual chains of mask filter /combiner modules per Dielectric layout. Includes input power dividers and output switching to allow transmitter alignment /testing not otherwise available. Based on actual cost. Please see Exhibit 48.	\$107,129.17	N/A
Combiner Installation	\$14,530.00	\$14,530.00	Installation of combiner; Single chain of 5 high power constant impedance waveguide modules,	\$14,530.00	N/A

			and/or dual chains of 5 directional filter modules per Dielectric layout. Based on actual cost. Please see Exhibit 48.		
Tower Rent	\$57,600.00	\$57,600.00	Based on actual cost. Please see Exhibit 48.	\$57,600.00	N/A
Sweep test of existing antenna	\$6,730.00	\$3,000.00	RF system testing for two (2) lines and one (1) antenna. Based on actual cost. Please see Exhibit 48.	\$3,000.00	N/A
Interim Mask Filter	\$11,346.64	\$11,346.64	Required to allow WSBK to operate on pre-repack channel on interim tower. Based on actual cost. Please see Exhibit 51.	\$11,346.64	N/A
Elbow complex, broadband, at antenna input, per 7 3/16. feedline (if needed)	\$16,850.00	\$7,076.25	Two (2) Elbow complex for the input of the new Broadband antenna. Based on	\$7,076.25	N/A

			actual cost. Please see Exhibit 48.		
UHF - High Power Top Mount Five Station broadband panel antenna elliptically or circularly polarized	\$79,178.78	\$79,178.78	New Antenna and assembly mast. Stack will be placed directly onto existing center tower section and require a short pedestal of height. Based on actual cost. Please see Exhibit 48.	\$79,178.78	N/A
Primary Antenna TUM-AP- O4-14/56H-	\$1,206,892.80	\$212,556.02		\$205,983.45	
2-Т					
2-T Combiner Installation	\$7,012.80	\$7,012.80	Based on actual cost. Please see Exhibit 49.	\$7,012.80	N/A

UHF - High Power Top Mount (200-1000 kW), Four Station broadband panel antenna, elliptically or circularly polarized	\$1,090,000.00	\$97,269.37	Primary Antenna. Based on actual cost of \$91,456.40 but form generates errors with that value. Please see Exhibit 49.	\$91,456.40	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$97,357.18	Based on actual cost. Please see Exhibit 49.	\$97,357.18	N/A
Sweep test of existing antenna	\$6,730.00	\$4,166.67	Based on actual cost. Please see Exhibit 49.	\$4,166.67	N/A
Sub-total	\$1,477,328.22	\$492,416.86	N/A	\$485,844.29	N/A
Total for all systems	\$5,409,308.22	\$2,695,796.44	N/A	\$2,407,254.24	N/A

Components

Actual Information Description	File Name	
New combiner, cost per channel (without antenna)	Component Description: Amount:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the new combiner. Please see Exhibit 51. \$56,879.17

	Component Description:	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. \$16,750.00
	Component Description:	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. \$33,500.00
Combiner Installation		
	Component Description:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the combiner installation. Please see Exhibit 51.
	Amount:	\$9,280.00

	Component Description:	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. \$3,500.00
	Component Description:	Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Interim Combiner Installation, Exhibit 3, 3-C-2. \$1,750.00
Tower Rent	Component Description: Amount:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the interim antenna and site rental. Please see Exhibit 51. \$14,400.00

	Component Description:	Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Interim Tower Rent, Exhibit 3, 1-B-1. \$14,400.00
	Component Description:	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. \$28,800.00
Sweep test of existing antenna	Component Description: Amount:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the antenna sweep test. Please see Exhibit 51. \$750.00
	Component Description:	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. \$1,500.00

	Component Description:	Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Interim Antenna and Line Sweep Test, Exhibit 3, 3-C-2. \$750.00
Interim Mask Filter	Component Description: Amount:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the interim mask filter. Please see Exhibit 51. \$11,346.64
Elbow complex, broadband, at antenna input, per 7 3/16. feedline (if needed)	Component Description: Amount:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the elbow complex. Please see Exhibit 51. \$1,676.25
	Component Description:	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. \$1,800.00

	Component Description:	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. \$3,600.00
UHF - High Power Top Mount Five Station broadband panel antenna elliptically or circularly polarized	Component Description: Amount:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the interim antenna. Please see Exhibit 51. \$16,761.53
	Component Description:	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. \$41,611.50
	Component Description:	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. \$20,805.75

Combiner Installation	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. \$4,375.00
	Component Description:	Invoice is for Milestone 3 "TrueUp" at Primary site. This cost is for the remainder of the combiner installation. Please see Exhibit 50.
	Amount:	\$450.30
	Component Description:	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. \$2,187.50
Elbow complex, broadband, at antenna input, per 8 3/16. feedline (if needed)		

	Component Description:	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.
	Amount:	\$2,250.00
	Component Description:	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.
	Amount:	\$4,500.00
	Component Description:	Invoice is for Milestone 3 "TrueUp" at Primary site. This cost is for the remainder of the elbow complex. Please see Exhibit 50. (\$759.60)
UHF - High Power Top Mount (200-1000 kW), Four Station broadband panel antenna, elliptically or circularly polarized		

	Component Description:	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
	Amount:	42 item 3-B. \$60,116.25
	Component Description:	Invoice is for
		Milestone 3 "TrueUp" at
		Primary site. This
		cost is for the primary antenna
		minus costs for E-
		Pol. Please see Exhibit 50.
	Amount:	(\$5,812.97)
	Component Description:	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.
	Amount:	\$37,153.12
New combiner, cost per		
channel (without antenna)		

	Component Description:	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-
	Amount:	C-1. \$37,500.00
	Component Description:	Invoice is for Milestone 3 "TrueUp" at Primary site. This cost is for the remainder of the new combiner. Please see Exhibit 50. \$41,107.18
	Component Description:	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. \$18,750.00
Sweep test of existing antenna		

Component Description:	This invoice is the
	Milestone 2
	progress payment
	for work done at
	the primary WSB
	site. This item is
	the sweep test of
	the primary
	antenna. See
	Exhibit 42 item 3-
	C-2.
Amount:	\$2,500.00
Component Description:	Invoice is for
	Milestone 3
	"TrueUp" at
	Primary site. This
	cost is for the
	remainder of the
	sweep test.
	Please see Exhibit
	50.
Amount:	\$416.67
Component Description:	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

Transmission Line

Cost Information

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 Justificatior
Interim Transmission Line	\$1,011,004.68	\$163,127.73		\$151,355.16	
Rigid Transmission Line - copper, 8 3 /16" broadband	\$997,500.00	\$149,623.05	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. Based on actual cost. Please see Exhibit 48.	\$137,850.48	asdf
Additional Interim Line	\$13,504.68	\$13,504.68	Required to allow WSBK- TV to operate their pre- repack channel on interim tower. Based on actual cost. Please see Exhibit 51.	\$13,504.68	N/A
Primary Transmission Line	\$13,654.74	\$13,654.74		\$13,654.74	

Nitrogen Generator	\$3,057.40	\$3,057.40	Nitrogen Generator Upgrade. Based on actual cost. Please see Exhibit 49.	\$3,057.40	asdf
Transmission Line	\$10,597.34	\$10,597.34	Please see Exhibit 44. Includes freight.	\$10,597.34	N/A
Sub-total	\$1,024,659.42	\$176,782.47	N/A	\$165,009.90	N/A
Total for all systems	\$5,409,308.22	\$2,695,796.44	N/A	\$2,407,254.24	N/A

Components

Actual Information Description	File Name	
Rigid Transmission Line - copper, 8 3/16" broadband	Component Description:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the transmission line. Please see Exhibit 51.
	Amount:	\$89,569.23

	Component Description:	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.
	Amount:	\$32,187.50
	Component Description:	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. \$16,093.75
Additional Interim Line		
	Component Description: Amount:	Invoice is for Milestone 3 "TrueUp." This cost is for the additional transmission line. Please see Exhibit 51. \$13,504.68
Nitrogen Generator		

	Component Description:	Invoice is for
		Milestone 3
		"TrueUp" at
		Primary site. This
		cost is for nitroger
		generator. Please
		see Exhibit 50.
	Amount:	\$3,057.40
Transmission Line		
	Component Description:	Transmission line
		between
		transmitter and
		combiner. Please
		see Exhibit 44.
	Amount:	\$10,597.34

Tower Equipment and Rigging Costs

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cos Justificatio
Auxiliary Tower GTOWER	\$609,978.45	\$171,436.96		\$168,149.46	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$116,996.51	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. Based on actual cost. Please see Exhibit 48.	\$116,996.51	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$31,682.00	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 in the minor category. Based on actual cost.	\$31,682.00	N/A

			Please see Exhibits 48 and 49.		
Construction Management	\$11,328.45	\$11,328.45	9 hours on Modification project management and 15 hours for RF installation project management for a total of 20 days. Based on actual cost. Please see Exhibit 48.	\$11,328.45	N/A
Tower Permit Packages	\$7,050.00	\$7,050.00	Prepare tower, building, and ground drawings for local permits and approvals. Required to support required modifications needed for repack. Based on actual cost of \$3,762.50 but form generates errors with that value. Please see Exhibit 48.	\$3,762.50	N/A
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. Rigorous Structural analysis to	\$4,380.00	N/A

			access the structural capacity and modifications needed. Based on actual cost. Please see Exhibit 48.		
Primary Tower GTOWER	\$626,562.10	\$329,409.62		\$325,490.96	
Construction Management	\$11,782.86	\$11,782.86	Based on actual cost. Please see Exhibit 49.	\$11,782.86	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$220,820.98	Tower has stacked antennas and is a complex structure. (Disregard other parts of form would accept that answer.) Cost includes antenna installation, transmission lines and transmission line brackets. Based on actual cost. Please see Exhibit 49.	\$220,820.98	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$64,866.54	Additional loads imposed on the tower by the new appurtenances required for the repack project will cause the tower to fail. The structural	\$64,866.54	asdf

			failure is expected to be in the minor category. Based on actual cost. Please see Exhibits 48 and 49.		
Structural engineering tower load study for well documented tower	\$12,600.00	\$8,760.00	Based on actual cost. Please see Exhibits 48 and 49.	\$8,760.00	N/A
Install TX Line In TX Room	\$13,515.00	\$13,515.00	Please see quote in Exhibit 46	\$13,515.00	N/A
Site Coordination Meetings	\$2,614.24	\$2,614.24	Site coordination meetings with all broadcasters, contractors and vendors involved with the site deliveries and construction. Based on actual cost. Please see Exhibit 49.	\$2,612.24	N/A
Tower Permit Packages	\$7,050.00	\$7,050.00	Generation of tower, building, and ground drawing packages required for local permits. Based on actual cost of \$3,133.34 but form generates errors with that	\$3,133.34	N/A

			value. Please see Exhibits 48 and 49.		
Sub-total	\$1,236,540.55	\$500,846.58	N/A	\$493,640.42	N/A
Total for all systems	\$5,409,308.22	\$2,695,796.44	N/A	\$2,407,254.24	N/A

Components

Actual Information Description	File Name	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Component Description:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the rigging. Please see Exhibit 51.
	Amount:	\$74,996.51
	Component Description:	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. \$14,000.00
	Component Description:	Invoice is 50% Down Payment for \$230,591.50 ATC total estimated cost. (See Exhibit 3). This amount is 50% of Rigging, Exhibit 3, 3-C-1. \$28,000.00

Minor tower reinforcement /modifications

	Component Description:	Invoice is for
	Component Description.	Milestone 3
		"TrueUp." This cost
		is for the remainder
		of structural
		reinforcement.
		Please see Exhibit 51.
	Amount:	\$24,182.00
		·
	Component Description:	Invoice is 50%
		Down Payment for
		\$230,591.50 ATC
		total estimated
		cost. (See Exhibit
		3). This amount is
		50% of Tower
		Reinforcement,
	Amount:	Exhibit 3, 3-A-2. \$5,000.00
	Amount.	\$3,000.00
	Component Description:	Invoice is 25%
		Down Payment for
		\$115,297.75 ATC
		total estimated
		cost. (See Exhibit
		3). This amount is
		25% of Tower
		Reinforcement,
	Amounti	Exhibit 3, 3-A-2.
	Amount:	\$2,500.00
Construction Management		
	Component Description:	Invoice is for
		Milestone 3
		"TrueUp." This cost
		is for the remainder
		of the tower
		construction project
		management. Please see Exhibit
		51.
	Amount:	\$9,078.45
		<i>40,010110</i>

	Component Description:	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. \$750.00
	Component Description:	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. \$1,500.00
Tower Permit Packages		
	Component Description: Amount:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the tower and building permits. Please see Exhibit 51. (\$3,287.50)

	Component Description:	Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Tower and Building Permits, Exhibit 3, 3-D-1 (\$4,700 plus \$4,700). \$2,350.00
	Component Description:	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). \$4,700.00
Structural engineering tower load study for well documented tower	Component Description: Amount:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the tower mapping and structural engineering. Please see Exhibit 51. \$1,053.75

	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). \$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). \$1,108.75
Construction Management	Component Description:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the tower construction management. Please see Exhibit 50. \$7,657.86

	Component Description:	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. \$1,375.00
	Component Description:	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. \$2,750.00
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Component Description:	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.
	Amount:	\$30,250.00

	Component Description:	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. \$15,125.00
	Component Description:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the tower rigging. Please see Exhibit 50.
	Amount:	\$175,445.98
Minor tower reinforcement /modifications	Component Description:	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. \$12,500.00
	Component Description:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the tower reinforcement. Please see Exhibit 50. \$46,116.54

	Component Description:	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. \$6,250.00
Structural engineering tower load study for well documented tower	Component Description:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the tower mapping and structural engineering. Please see Exhibit 50. \$444.38
	Component Description: Amount:	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. \$5,543.75

	Component Description:	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. \$2,771.87
Install TX Line In TX Room	Component Description: Amount:	Install transmission line between transmitter and combiner. Please see Exhibit 46A. \$13,515.00
Site Coordination Meetings	Component Description:	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.
	Amount:	\$880.00
	Component Description:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the site coordination meetings. Please see Exhibit 50. \$1,292.24
		¥,,

Component Description:	This invoice is the Milestone 1 down payment for work done at the primary WSBK site. This item is site coordination meeetings. See Exhibit 36A item 1- A-1. \$440.00
Component Description:	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. \$4,700.00
Component Description: Amount:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the tower and building permit packages. Please see Exhibit 50. (\$3,916.66)
	Amount: Component Description: Amount: Component Description:

Component Description:	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.
Amount:	\$2,350.00

Outside Professional Services

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cos Justificatio
Outside Professional Services	\$156,685.00	\$71,170.50		\$61,170.50	
Site Coordination Meeting	\$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.)	N/A	N/A
RF System Test	\$10,000.00	\$10,000.00	Testing of the combiner to ensure all frequencies are tuned for optimal patterns. Based on actual costs. Please see Exhibits 48 and 49.	\$10,000.00	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$13,748.00	Based on actual cost. Please see Exhibit 49.	\$13,748.00	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/#
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$2,000.00	N//
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$10,962.50	Perform engineering study for new channel assignment and antenna development. Based on actual cost. Please see Exhibits 10 (\$775), 37 (\$187.50), 50 (\$5,000) and 51 (\$5,000).	\$10,962.50	N/A
Project management of the transition	\$39,500.00	\$18,960.00	American Tower project management. Based on actual cost.	\$18,960.00	N/A

			Please see Exhibits 48 and 49.		
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$5,500.00	Coordination and transition planning with all parties onsite. Based on actual cost. Please see Exhibits 48 and 49.	\$5,500.00	N/A
Sub-total	\$156,685.00	\$71,170.50	N/A	\$61,170.50	N/A
Total for all systems	\$5,409,308.22	\$2,695,796.44	N/A	\$2,407,254.24	N/A

Components

Actual Information Description	File Name	
Site Coordination Meeting	Information not provided.	
RF System Test		
	Component Description:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the RF system test. Please see Exhibit 51.
	Amount:	\$3,125.00
	Component Description:	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.
	Amount:	\$1,375.00

Component Description:	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. \$2,750.00
Component Description:	Invoice is for Milestone 3 "TrueUp" at Primary site. This cost is for the remainder of the RF system test. Please see Exhibit 50. \$875.00
Component Description:	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. \$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 RF System Test, Exhibit 3, 1-B- 1. \$625.00
Comprehensive coverage verification via field study, if needed	Component Description:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the coverage verification measurements. Please see Exhibit 50. \$13,748.00
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	Component Description: Amount:	Find "work around" to Canadian coordination. See Exhibit 13 for a revised invoice showing dates worked. \$550.00
	Amount:	worked.

	Component Description:	Final interference study and CP Application - Engineering
	Amount:	Section. \$1,450.00
Perform engineering study for new channel assignment and antenna development	Component Description:	Preliminary Interference study of initial channel
	Amount:	assignment. \$775.00
	Component Description:	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. \$2,750.00
	Component Description:	Prepare coverage map showing primary and interim antenna coverage
	Amount:	options. \$187.50

Component Description:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the antenna development engineering. Please see Exhibit 51. \$1,250.00
Component Description:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the engineering for antenna development. Please see Exhibit 50. \$875.00
Component Description:	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. \$1,250.00

	Component Description:	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. \$2,500.00
	Component Description:	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. \$1,375.00
Project management of the transition	Component Description:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of outside project management. Please see Exhibit 51.
	Amount:	\$2,370.00

Component Description:	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. \$4,740.00
Component Description:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the tower project management. Please see Exhibit 50. \$2,370.00
Component Description:	Invoice is 25% Down Payment for \$115,297.75 ATC total estimated cost. (See Exhibit 3). This amount is 25% of Interim Site Project Management, Exhibit 3, 1-A-1. \$2,370.00

	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. \$4,740.00
	Component Description:	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. \$2,370.00
Address transition timing and coordination issues w/ other stations and wireless	Component Description: Amount:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the cost to address transition timing. Please see Exhibit 51. \$625.00

Component Description:	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. \$500.00
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. \$1,000.00
Component Description: Amount:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of addressing transition timing. Please see Exhibit 50. \$1,500.00

Component Description:	Invoice is 50% Down Payment f
	\$230,591.50 AT
	total estimated
	cost. (See Exhib
	3). This amount
	50% of Address
	Transition Timing
	Exhibit 3, 1-A-1.
Amount:	\$1,250.00
Component Description:	Invoice is 25%
	Down Payment f
	\$115,297.75 AT
	total estimated
	cost. (See Exhib
	This amount
	25% of Address
	Transition Timing
	Transition Timing Exhibit 3, 1-A-1.

Other Expenses

Cost Information

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	\$114,858.75	\$108,553.75		\$97,018.36	
Equipment Storage	\$1,456.20	\$1,456.20	Equipment storage costs, based on actual cost. Please see Exhibit 50.	\$1,456.20	N/A
Site Security	\$2,700.00	\$2,700.00	Security System - Bldg. 140. Based on actual cost of \$2053.15 but form generates errors with that value. Please see Exhibits 48 and 49.	\$2,053.15	N/A
Ice Shield for HVAC	\$13,910.00	\$13,910.00	Ice protection for HVAC compressor split units placed in close proximity of tower in areas prone to ice and snow. Based on actual cost. Please see Exhibit 48.	\$13,910.00	N/A

DTV Medical Facility Notification	\$11,550.00	\$5,250.00	See Exhibit 5	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
Non-zoning permits	\$1,125.00	\$1,125.00	The cost of preparation and submission of the needed forms for permits required for electrical, building permits. Based on Actual Cost of \$750. Please see Exhibits 48 and 49.	\$750.00	N/A
MVPD Notification of Channel Change	\$1,000.00	\$1,000.00	N/A	N/A	N/A
Asbestos and Lead Paint Testing	\$1,350.00	\$1,350.00	Asbestos testing, removal and abatement. Based on actual cost of \$0.00 but form generates errors with that value. Please see Exhibits 48 and 49.	\$0.00	N/A
Building Partition	\$26,894.29	\$26,894.29	This cost is to provide	\$26,894.29	N/A

			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. Based on actual cost. Please see Exhibit 48.		
Deinstall Old Transmitter	\$16,100.00	\$16,100.00	Deinstall and remove old WSBK transmitter. See Exhibit 1 Item F.	\$16,100.00	N/A
Equipment Disposal	\$7,694.00	\$7,694.00	Based on actual costs. Please see Exhibits 48 (\$4,646.00) and 49 (\$3,048.00).	\$7,694.00	N/A
Public Hearing	\$630.00	\$630.00	Public Hearing. Based on actual cost of \$0.00 but form generates errors with that value. Please see Exhibits 48 and 49.	\$0.00	N/A
Equipment Delivery and	\$30,254.26	\$30,254.26	Based on actual	\$28,160.72	30,254.26 equals

Handling			invoiced		30,254.26.
Charges			costs in		
			Exhibits 28		
			(\$3,850),		
			27A (1,050),		
			40A		
			(8,023.42),		
			45C		
			(5,796.26),		
			48		
			(1,761.10),		
			49 (2,520.36		
			and		
			\$1,456.20) =		
		29,616.92			
			but form		
			generates		
			errors with		
			that value.		
Sub-total	\$114,858.75	\$108,553.75	N/A	\$97,018.36	N/A
Total for all systems	\$5,409,308.22	\$2,695,796.44	N/A	\$2,407,254.24	N/A

Components

Actual Information Description	File Name	
Equipment Storage		
	Component Description:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the tower equipment storage costs. Please see Exhibit 50. \$1,456.20
Site Security		

	Component Description: Amount:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of site security costs. Please see Exhibit 51. (\$646.85)
	Component Description:	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.
	Amount:	\$1,800.00
	Component Description:	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.
	Amount:	\$900.00
Ice Shield for HVAC		
	Component Description:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the ice shield. Please see Exhibit 51.
	Amount:	\$10,910.00

	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. \$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. \$1,000.00
DTV Medical Facility Notification	Information not provided.	
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
Non-zoning permits	Component Description:	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. \$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 building permits. See Exhibit 42 item 1-A-3. \$375.00
Component Description:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the building permits. Please see Exhibit 50. \$187.50
Component Description: Amount:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the building permits. Please see Exhibit 51. (\$562.50)
Component Description:	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. \$187.50

	Component Description:	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. \$375.00
MVPD Notification of Channel Change	Information not provided.	
Asbestos and Lead Paint Testing	Component Description:	Invoice is for Milestone 3 "TrueUp." There was no need for asbestos testing so this reduces net amount to zero. Please see Exhibit 51. (\$1,350.00)
	Component Description:	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. \$450.00
	Amount:	\$450.00

	Component Description:	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. \$900.00
Building Partition	Component Description:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the building partition. Please see Exhibit 51. \$25,544.29
	Component Description:	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. \$900.00
	Component Description:	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. \$450.00

	1	
Deinstall Old Transmitter	Component Description:	Invoice is for Primary TX Install, Proof, Freight, and Old TX Removal. This cost is for Old TX Removal. \$16,100.00
	Component Description:	Invoice is for Primary TX Install, Proof, Freight, and Old TX Removal. This cost is for old transmitter removal. \$16,100.00
Equipment Disposal		
	Component Description:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the equipment disposal costs. Please see Exhibit 51. \$4,646.00
	Component Description:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the equipment disposal cost. Please see Exhibit 50. \$3,048.00
Public Hearing		

Component Description:	Invoice is for Milestone 3 "TrueUp." There was no cost for public hearing so this reduces net cost to zero. Please see Exhibit 51. (\$300.00)
Component Description:	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. \$220.00
Component Description: Amount:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the public hearing. Please see Exhibit 50. (\$330.00)
Component Description:	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. \$110.00

	Component Description:	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. \$200.00
	Component Description:	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. \$100.00
Equipment Delivery and Handling Charges	Component Description: Amount:	Freight - Relocate Interim Transmitter from storage to Interim Transmitter Site. Note: Form won't accept "&" in Vendor Name. \$1,050.00
	Component Description:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the equipment delivery and handling. Please see Exhibit 51. (\$488.90)

Component Description:	Invoice is installation, proof, freight, and parts for base portion of interim transmitter. This is transmitter freight. Please see Exhibit 40A. \$8,023.42
Component Description:	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. \$2,750.00
Component Description:	Freight - Relocate Additional Interim Transmitter Components from storage to Interim Transmitter Site. Note: Form won't accept "&" in Vendor Name. \$3,850.00
Component Description:	Invoice is for Milestone 3 "TrueUp." This cost is for the remainder of the equipment delivery and handling. Please see Exhibit 50. (\$1,604.64)

Component Description:	Primary Transmitter Payment Four. This cost is for transmitter freight. Please see Exhibit 40.
Amount:	\$8,023.42
Component Description:	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.
Amount:	\$1,500.00
Component Description:	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.

Component Description:	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. \$1,375.00
Component Description:	Invoice is for Primary TX Install, Proof, Freight, and Old TX Removal. This cost is for New TX Freight. \$5,796.26
Component Description:	Freight for interim transmitter upsize. See explanation and quote /statement in Exhibit 41. \$5,159.58
Component Description:	Invoice is for Primary TX Install, Proof, Freight, and Old TX Removal. This cost is for New TX Freight.
Amount:	\$5,796.26

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$5,409,308.22	\$2,695,796.44	\$2,407,254.24

Reimbursem	entestiatus	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	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.	
		 The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 	
		2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.	
		3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.	
		 4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the 	

signal of a broadcaster that changes channels (MVPD).

- 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.
- 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.
 A content of perjury, that I am Marthan the payment is a pre-regulation of the payment is performed.

I declare, under penalty of perjury, that I am	Martha E
an authorized representative of the above-	Heller
named applicant for the Authorization(s)	VP,
specified above.	Government
	Relations
	and

Regulatory

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 IMPRISIONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).	
		 The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 	
		2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.	
		3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.	
		4. The above-named entity acknowledges the submission of the information herein	

creates no obligation on the part of the government to pay any amount.

- 5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster **Relocation Fund are** necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- 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

9.	must be promptly refunded to the Commission. 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.	
an aut nameo	are, under penalty of perjury, that I am horized representative of the above- d applicant for the Authorization(s) red above.	Martha E Heller VP, Government Relations and Regulatory
		09/10/2021

Attachments