Approved by OMB (Office of Management and Budget) 3060-1178

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID: **25456** | Service: **DTV** | Call Sign: **WBZ-TV** | Channel: **20 (UHF)**

File Number: **0000027825**

FRN: **0021079769** | Date Submitted: **04/14/2021**

Applicant Information

Applicant Name, Type, and Contact 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 Information

Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email
Daniel G. Ryson *CBS*	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, including a broadband antenna and transmitter building to be used while building the permanent site in Needham Heights, MA

Transmitters

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

Auxiliary Transmitter

Add Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	When Main TX Unavailable
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	Diamond
	Year	2008
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	14 kW

Auxiliary Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	ULXTE-24
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	16.1 kW
	Justification for New Transmitter	Manufacturer Cannot Re-tune Existing Transmitter (see Exhibit 1).

Auxiliary Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	Yes
	Power	150 kVA
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	No
	Description	N/A

HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	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

Auxiliary Transmitter

Other Transmitter Cost Not Listed

Information not provided.

Primary Transmitter

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	Sigma
	Year	1999
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	46 kW

Primary Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	ULXTE-72
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	47.2 kW
	Justification for New Transmitter	GatesAir won't retune (see Exhibit 1). Non-upgraded IOT transmitter is more expensive (see Exhibit 2). Proposed transmitter is less expensive (See Exhibit 3).

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	Transformer and surge suppressor. See Exhibit 3 Item C.
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	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 Transmitter

Other Transmitter Cost Not Listed

Information not provided.

Interim Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Interim
	Description of Use	N/A
	Change Type	Purchase
	Manufacturer	
	Model	ULXTE-72
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	47.2 kW
	Justification for New Transmitter	Required to maintain WBZ-TV operations from Interim site while main antenna is rebuilt. See also Exhibit 4.

Interim Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	Yes
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	500 kVA
	Rigid Conduit and Wiring	Yes
	Size	2 inches
	Length	200.0 feet

	Other Electrical Service	Yes
	Description	Various Electrical Service from attached GatesAir Estimate (see Exhibit 3).
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Type	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?	Yes
	Size	1500.0 square feet
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A
Inside RF System	Is an additional interior RF system required to support this interim transmitter?	No

Interim Transmitter

Other Transmitter Cost Not Listed

Name	Description
Core Drill Eight Holes	Core Drill Eight Holes at Interim Transmitter Site
3-inch Conduit	Three-inch conduit

TX Room Electrical	Various Electrical work. See proposal in Exhibit 22
Emergency Generator	Primary site has an emergency generator. This cost replicates backup power at the interim site.
New Sub Panels	Four (4) new sub panels at approximately 200 amps each.
Ice Shield	For HVAC Equipment
100 Feet 4-Inch Conduit	100 Feet 4-Inch Conduit
10-Ton System	New HVAC System in Load Room

Antennas

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

Primary Antenna

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Lease New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Owner	American Tower Corporation
	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
Existing Antenna Manufacturer and Type	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)	825.0 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
65684	WCVB-TV
72098	WGBX-TV
73982	WSBK-TV

Primary Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	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
New Antenna Manufacturer and Types	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	70
	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)	740.0 kW
	Manufacturer	
	Model	PEP70E

Year	2020
Justification for New Antenna	Top Mount 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 5A.

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Type	New
	Number of channels supported	4
	Frequencies of channels supported	Upper and lower frequency
	Frequency	470.0 MHz - 608.0 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?	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?	
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

Primary Antenna

Other Antenna Cost Not Listed

Name	Description
Install Combiner	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 5.

Interim Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	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
New Antenna Manufacturer and Type	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	608.00 MHz
	Design power capacity in use	99.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	740.0 kW
	Manufacturer	
	Model	TUM-AP-O4-14/56H-2-T

	Year	2018
	Justification for New Antenna	Required for shared use by five stations at interim site. See Exhibit 4 for interim site justification.

Interim Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Type	New
	Number of channels supported	5
	Frequencies of channels supported	Upper and lower frequency
	Frequency	470.0 MHz - 608.0 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?	B
	Feed Line Size	8 3/16 inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an 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

Interim Antenna

Other Antenna Cost Not Listed

Name	Description
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 16.

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
65684	WCVB-TV
73982	WSBK-TV

Primary Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Nitrogen Generator	Nitrogen Generator Upgrade. See Exhibit 15, Line 1-B-1.

Interim Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	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) 8-3 /16" Broadband rigid transmission lines, six (6) elbows (3 each line) and

		a nitrogen generator for pressurization. Required for Interim antenna. See Exhibit 16.

Interim Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Nitrogen Generator	Nitrogen Generator Upgrade. See Exhibit 16, Line 1-B-1.

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 Use
	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	WODS	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
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

Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	Candelabra

Helicopter Services Required	Are helicopter services required?	No

Auxiliary Tower

Other Tower Expenses Not Listed

Name	Description
Tower Permit Packages	Tower and ground equipment drawing package. Required for local approvals. See Exhibit 6.
Interim Tower Rent	Interim Tower Rent. See Exhibit 6.
Construction Management	Nine hours on Modification project management and fifteen hours for RF installation project management for a total of twenty days. See Exhibit 6.

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
68241	WBUR-FM	FM
72099	WGBH-TV	DTV
72098	WGBX-TV	DTV
10542	WKLB-FM	FM
73982	WSBK-TV	DTV
65684	WCVB-TV	DTV
18783	WYDN	DTV

Primary Tower

Tower Modification Costs

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

Tower Rigging Costs

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

Primary Tower

Other Tower Expenses Not Listed

Name	Description
Tower Permit Packages	The generation of a construction drawing package for one (1) broadcasters /customers. See Exhibit 5.
Tower Project Management	(44) hours on Modification project management and RF installation project management.

Outside Professional Services Costs

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	250
	Explanation	Company lacks sufficient 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 Professional Services Costs

Other Professional Services Expenses Not Listed

Name	Description
LocalPermits	Prepare and submit forms for necessary electrical, building and other permits.
RF System Test	Testing of the combiners to ensure one frequency is tuned for optimal patterns. See Exhibits 5 and 6.

Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	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

Other Expenses Not Listed

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.
Disconnect Transmitters	Labor and expenses for disconnect and removal of existing transmitters. See Exhibit 3 Item F and Exhibit 9 Item F.
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 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 Exhibits 2 and 3.
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	Storage cost for equipment after delivery and before installation.
Equipment Disposal	Disposal cost for equipment and waste.

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 Cos Justificatio
Interim Transmitter ULXTE-72	**$1,923,342.85**	**$1,683,948.09**		**$1,542,886.06**	
10-Ton System	***$4,104.00***	$4,104.00	New HVAC for Load Room cooling. See actual cost in Exhibit 52.	N/A	N/A
100 Feet 4-Inch Conduit	***$19,200.00***	$19,200.00	Based on actual cost. See Exhibit 52 Line 3-C-1.	$1,440.00	N/A
Ice Shield	***$13,910.00***	$13,910.00	Required to protect outdoor HVAC units. Based on actual cost. Please see Exhibit 52.	$3,000.00	N/A
New Sub Panels	***$24,696.74***	$24,696.74	Provide proper voltage and current for each additional transmitter, house power, HVAC, and ancillary equipment. Based on actual cost. See Exhibit 52.	$7,500.00	N/A
Emergency Generator	***$111,802.00***	$111,802.00	Interim Tower Generator. See Exhibit 33 for lease. Includes $100,000 connection fee and $1,686 rent for an assumed 7 months.	$100,000.00	N/A

TX Room Electrical	***$95,772.00***	$95,772.00	Transmitter Room Electrical Work - Various. See proposal attached as Exhibit 39 ($92,802) plus Exhibit 32 ($2,970.00).	$95,772.00	N/A
3-inch Conduit	***$7,840.00***	$7,840.00	Based on actual cost. Please see Exhibit 52.	N/A	N/A
Core Drill Eight Holes	***$2,360.00***	$2,360.00	Core drill eight holes at interim transmitter site. Please see Exhibit 40 for quotation.	$2,360.00	N/A
Other -- Building Addition Size: 1500.0	***$26,894.29***	$26,894.29	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. Based on actual costs. See Exhibit 52.	$1,350.00	N/A
Other -- HVAC Service Type: C Size:20 (Other)	***$24,565.00***	$24,565.00	20 ton HVAC split units to maintain operational temperatures. This is to supplement existing HVAC. Calculation for the HVAC size is calculated using the power of the	$16,500.00	N/A

			three transmitters at 30% efficiency. Based on actual cost. See Exhibit 52 Line 3-C-2.		
Other Electrical Service: Various Electrical Service from attached GatesAir Estimate (see Exhibit 3).	***$12,998.82***	$12,998.82	Transformer and surge suppressor required to support interim transmitter. See Exhibit 8, Item D.	$12,998.82	N/A
2" Rigid Conduit and Wiring (Cost per foot)	$5,200.00	$7,500.00	This cost includes 200 L/F of 2" conduit and conductor to supply HVAC, Air handlers and House power. The existing power supply is inadequate for the additional power demands of the new repack equipment. Based on actual cost. See Exhibit 52 Line 3-C-1.	$750.00	N/A
Transformer 3 phase /480v - 500 KVA	$48,400.00	$10,921.20	Install additional 500 KVA transformer for new tenant space to operate transmitter, heat exchangers and other equipment on the new repack frequency into the broadband	$6,900.00	N/A

			antenna. Based on actual cost. See Exhibit 52 Line 3-C-1.		
Switchgear - industrial 800 amp	$38,200.00	$12,000.00	New Switchgear required accommodate the repack equipment and new 500 KVA transformer. The existing service does not have sufficient capacity to support transmitters. Based on actual cost. See Exhibit 52 Line 3-C-1.	$5,445.00	N/A
Service entrance 3 phase/800 amp/208 volt	$14,400.00	$22,568.80	Install 3 phase, 800 amp, 480 VAC in existing common area of the building being changed to a shared space for one transmitter which currently does not support the required power capacity. Based on actual cost. See Exhibit 52.	$2,055.00	N/A
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	$1,473,000.00	$1,286,815.24	Please see Exhibit 8, Items A, B, C, and E ($1,279,267.42) plus Change Orders Q-76708 ($1,894.44 - Exhibit 20), Q-84712 ($4,378.60), and Q-86012 (1,274.78). Please see	$1,286,815.24	N/A

			Exhibit 52, GatesAir Estimate Correction Statement.		
Primary Transmitter ULXTE-72	**$1,485,998.82**	**$1,295,661.27**		**$1,295,661.27**	
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	$1,473,000.00	$1,282,662.45	See Exhibit 3, Items A, B, C, and E ($1,299,555.90) plus change order Q-79635 (-$17,822.63) and Q-83226 ($929.18). Please see Exhibit 52, GatesAir Estimate Correction Statement.	$1,282,662.45	N/A
Other Electrical Service: Transformer and surge suppressor. See Exhibit 3 Item C.	***$12,998.82***	$12,998.82	Transformer and surge suppressor. Required for proper operation of transmitter. See Exhibit 3, Item D.	$12,998.82	N/A
Auxiliary Transmitter ULXTE-24	**$519,272.18**	**$518,022.18**		**$496,225.21**	
UHF - Air Cooled Solid State Transmitter 16.1 kW	***$35,206.35***	$35,206.35	Amount shown is the difference between the actual cost and previously submitted values. Please see Exhibit 45A.	$35,206.35	N/A
Transformer 3 phase /480v - 150 KVA	$25,550.00	$24,300.00	N/A	$2,503.03	N/A

UHF - Air Cooled Solid State Transmitter 14.4 kW	***$458,515.83***	$458,515.83	***System Notice: Estimate adjusted and locked because line has been superseded. ***Proposed transmitter is a like-for-like replacement of existing transmitter. An estimate is provided as Exhibit 9. Category D (Electrical) is listed separately.	$458,515.83	N/A
Sub-total	$3,928,613.85	$3,497,631.54	N/A	$3,334,772.54	N/A
Total for all systems	$7,908,530.10	$4,808,683.51	N/A	$4,037,719.38	N/A

Components

Actual Information Description	File Name	
10-Ton System	Information not provided.	
100 Feet 4-Inch Conduit	**Component Description:**	Invoice is 25% Down Payment for $115,297.75 ATC total estimated cost. (See Exhibit 6). This amount is 25% of 4-inch conduit, Exhibit 6, 3-C-1.
	Amount:	$480.00

	Component Description:	Invoice is 50% Down Payment for $230,591.50 ATC total estimated cost. (See Exhibit 6). This amount is 50% of 4-inch conduit, Exhibit 6, 3-C-1.
	Amount:	$960.00
Ice Shield		
	Component Description:	Invoice is 50% Down Payment for $230,591.50 ATC total estimated cost. (See Exhibit 6). This amount is 50% of Ice Shield, Exhibit 6, 3-C-6.
	Amount:	$2,000.00
	Component Description:	Invoice is 25% Down Payment for $115,297.75 ATC total estimated cost. (See Exhibit 6). This amount is 25% of Ice Shield, Exhibit 6, 3-C-6. $14,400.00
	Amount:	$1,000.00
New Sub Panels		
	Component Description:	Invoice is 25% Down Payment for $115,297.75 ATC total estimated cost. (See Exhibit 6). This amount is 25% of Electrical Sub Panels, Exhibit 6, 3-C-6.
	Amount:	$2,500.00

	Component Description:	Invoice is 50% Down Payment for $230,591.50 ATC total estimated cost. (See Exhibit 6). This amount is 50% of Electrical Sub Panels, Exhibit 6, 3-C-6.
	Amount:	$5,000.00
Emergency Generator		
	Component Description:	Generator Connection Fee. Please see Exhibit 33 for lease.
	Amount:	$100,000.00
TX Room Electrical		
	Component Description:	Progress Payment Requisition 3 for WBZ Interim Transmitter Electrical. Form 399 won't take an ampersand in company name.
	Amount:	$10,334.10
	Component Description:	Progress Payment Requisition 2 for WBZ Interim Transmitter Electrical. Form 399 won't take an ampersand in company name.
	Amount:	$39,600.00

	Component Description:	Various Electrical Work, Requisition #1. Note: Form 399 will not accept a vendor name with an ampersand.
	Amount:	$42,867.90
	Component Description:	Interim Site Electrical Work. Form 399 won't accept ampersand in company name.
	Amount:	$2,970.00
3-inch Conduit	Information not provided.	
Core Drill Eight Holes	**Component Description:**	Core drill eight holes. Please see Exhibit 40 for quote.
	Amount:	$2,360.00
Other -- Building Addition Size: 1500.0	**Component Description:**	Invoice is 50% Down Payment for $230,591.50 ATC total estimated cost. (See Exhibit 6). This amount is 50% of Building Addition, Exhibit 6, 3-C-3.
	Amount:	$900.00

	Component Description:	Invoice is 25% Down Payment for $115,297.75 ATC total estimated cost. (See Exhibit 6). This amount is 25% of Building Addition, Exhibit 6, 3-C-3.
	Amount:	$450.00
Other -- HVAC Service Type: C Size:20 (Other)	**Component Description:**	Invoice is 50% Down Payment for $230,591.50 ATC total estimated cost. (See Exhibit 6). This amount is 50% of 20-Ton HVAC, Exhibit 6, 3-C-2.
	Amount:	$11,000.00
	Component Description:	Invoice is 25% Down Payment for $115,297.75 ATC total estimated cost. (See Exhibit 6). This amount is 25% of 20-Ton HVAC, Exhibit 6, 3-C-2.
	Amount:	$5,500.00
Other Electrical Service: Various Electrical Service from attached GatesAir Estimate (see Exhibit 3).		

	Component Description:	Invoice is for Interim Transmitter (See Exhibit 8 Items A, B, C, and D plus Exhibit 21). This dollar amount is for Electrical - Exhibit 8 Item D. The remainder is shown in the transmitter cost category.
	Amount:	$12,998.82
2" Rigid Conduit and Wiring (Cost per foot)	**Component Description:**	Invoice is 50% Down Payment for $230,591.50 ATC total estimated cost. (See Exhibit 6). This amount is 50% of 2-inch conduit, Exhibit 6, 3-C-1.
	Amount:	$500.00
	Component Description:	Invoice is 25% Down Payment for $115,297.75 ATC total estimated cost. (See Exhibit 6). This amount is 25% of 2-inch conduit, Exhibit 6, 3-C-1.
	Amount:	$250.00
Transformer 3 phase/480v - 500 KVA		

	Component Description:	Invoice is 50% Down Payment for $230,591.50 ATC total estimated cost. (See Exhibit 6). This amount is 50% of 500 KVA Transformer, Exhibit 6, 3-C-1.
	Amount:	$4,600.00
	Component Description:	Invoice is 25% Down Payment for $115,297.75 ATC total estimated cost. (See Exhibit 6). This amount is 25% of 500 KVA Transformer, Exhibit 6, 3-C-1.
	Amount:	$2,300.00
Switchgear - industrial 800 amp	**Component Description:**	Invoice is 25% Down Payment for $115,297.75 ATC total estimated cost. (See Exhibit 6). This amount is 25% of 800A Switchgear, Exhibit 6, 3-C-1.
	Amount:	$1,815.00
	Component Description:	Invoice is 50% Down Payment for $230,591.50 ATC total estimated cost. (See Exhibit 6). This amount is 50% of 800A Switchgear, Exhibit 6, 3-C-1.
	Amount:	$3,630.00

Service entrance 3 phase /800 amp/208 volt	**Component Description:**	Invoice is 25% Down Payment for $115,297.75 ATC total estimated cost. (See Exhibit 6). This amount is 25% of 800A Service Entrance, Exhibit 6, 3-C-1.
	Amount:	$685.00
	Component Description:	Invoice is 50% Down Payment for $230,591.50 ATC total estimated cost. (See Exhibit 6). This amount is 50% of 800A Service Entrance, Exhibit 6, 3-C-1.
	Amount:	$1,370.00
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	**Component Description:**	Interim Transmitter Down Payment
	Amount:	$435,088.75
	Component Description:	Invoice is for Change Orders, Installation & Proof, Freight, and Old Transmitter Removal. This is for the Change Orders and Installation & Proof. Other items are listed separately. Please see Exhibit 52.
	Amount:	$97,967.73

	Component Description:	Interim Transmitter Progress Payment.
	Amount:	$430,755.41
	Component Description:	Invoice is for Interim Transmitter (See Exhibit 8 Items A, B, C, and D plus Exhibit 21). This dollar amount is total invoice amount minus 100% of Electrical - Exhibit 8 Item D, shown in a different cost category.
	Amount:	$323,003.35
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	**Component Description:**	Transmitter Installation, Proof, and misc parts. See Exhibit 28 ($92,314.35 plus $929.18). Freight shown separately.
	Amount:	$93,243.53
	Component Description:	Primary Transmitter Final Payment Before Shipment. Includes all but Electrical (Item D) which is listed separately.
	Amount:	$426,403.74

	Component Description: **Amount:** **Component Description:** **Amount:**	Please see Exhibit 31. $313,338.41 Primary Transmitter Down Payment $449,676.77
Other Electrical Service: Transformer and surge suppressor. See Exhibit 3 Item C.	**Component Description:** **Amount:**	Invoice is for Primary Transmitter Final Payment Before Shipment. This electrical component is listed separately from the rest of the transmitter. $12,998.82
UHF - Air Cooled Solid State Transmitter 16.1 kW	**Component Description:** **Amount:**	Transmitter installation and proof. Please see statement in Exhibit 45A. $35,206.35
Transformer 3 phase/480v - 150 KVA	**Component Description:** **Amount:**	Invoice is split among three cost categories. See Exhibit 24. Corrected typo in dollar amount March 21, 2019. $1,408.79

	Component Description:	Invoice is for transmitter, mask filter, RF accessories, and electrical. This cost is just electrical. See Exhibit 25.
	Amount:	$1,094.24
UHF - Air Cooled Solid State Transmitter 14.4 kW	**Component Description:**	Auxiliary Transmitter Down Payment
	Amount:	$175,003.77
	Component Description:	Invoice is for Installation & Proof, Freight, and Old Transmitter Removal. This is for the Installation & Proof. Other items are listed separately. See Exhibit 45A for cost explanation.
	Amount:	$35,206.35
	Component Description:	Invoice for transmitter, electrical, and old transmitter removal is split among three cost categories. See Exhibit 24.
	Amount:	$163,999.61

Component Description:	Invoice for transmitter, mask filter, RF accessories, and electrical shown separately. See Exhibit 25.
Amount:	$119,512.45

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	**$203,588.78**	**$210,914.20**		**$125,567.00**	
New combiner, cost per channel (without antenna)	$84,200.00	$107,129.17	Dual chains of mask filter /combiner modules. Includes input power dividers and output switching to allow transmitter alignment /testing not otherwise available. Eliminates need for mask filter. Based on actual cost. See Exhibit 52 Line 3-C-1.	$50,250.00	N/A
Sweep test of existing antenna	$6,730.00	$3,000.00	Based on actual cost. See Exhibit 52 Line 3-C-2.	$2,250.00	N/A
Combiner Installation	***$14,530.00***	$14,530.00	Installation of dual chain combiner. Based on actual cost. See Exhibit 52 Line 3-C-2 for this cost.	$5,250.00	N/A

UHF - High Power Top Mount Five Station broadband panel antenna elliptically or circularly polarized	***$79,178.78***	$79,178.78	New Dielectric 14 bay, 56 elements total, 1 assembly mast. Based on actual cost. See Exhibit 52 Line 3-B.	$62,417.00	N/A
Elbow complex, broadband, at antenna input, per 8 3/16. feedline (if needed)	$18,950.00	$7,076.25	Two (2) Elbow complex for the input of the new Broadband antenna. Based on actual cost. See Exhibit 52 Line 3-C-2.	$5,400.00	N/A
Primary Antenna PEP70E	**$1,206,892.80**	**$212,556.02**		**$170,581.87**	
Install Combiner	***$7,012.80***	$7,012.80	Installation cost of the new combiner. Required to replace existing combiner and support required multi-station antenna. Based on actual cost. Please see Exhibit 53.	$6,562.50	N/A
Elbow complex, broadband, at antenna input, per 8 3/16.	$18,950.00	$6,750.00	Elbow complex for top mount antenna being used for repacked	$6,750.00	N/A

feedline (if needed)			stations. Based on Actual cost of $5990.40, but form generates errors with that value. Please see Exhibit 53.		
New combiner, cost per channel (without antenna)	$84,200.00	$97,357.18	Constant impedance waveguide modules, and /or dual chains of 4 directional filter modules per Dielectric layout. Eliminates need for transmitter mask filter. Based on actual cost. Please see exhibit 53.	$56,250.00	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	RFS PEP70E Top Mount Broadband antenna, required to accommodate the new repack frequencies. Based on actual $110,376.40 cost minus $18,920 V-Pol upgrade = $91,456.40. Please see Exhibit 53.	$97,269.37	N/A
Sweep test of existing	$6,730.00	$4,166.67	Based on actual cost.	$3,750.00	N/A

antenna			Please see Exhibit 53.		
Sub-total	$1,410,481.58	$423,470.22	N/A	$296,148.87	N/A
Total for all systems	$7,908,530.10	$4,808,683.51	N/A	$4,037,719.38	N/A

Components

Actual Information Description	File Name	
New combiner, cost per channel (without antenna)	**Component Description:**	Invoice is 50% Down Payment for $230,591.50 ATC total estimated cost. (See Exhibit 6). This amount is 50% of Interim Combiner, Exhibit 6, 3-C-1
	Amount:	$33,500.00
	Component Description:	Invoice is 25% Down Payment for $115,297.75 ATC total estimated cost. (See Exhibit 6). This amount is 25% of Interim Combiner, Exhibit 6, 3-C-1.
	Amount:	$16,750.00
Sweep test of existing antenna		

	Component Description:	Invoice is 50% Down Payment for $230,591.50 ATC total estimated cost. (See Exhibit 6). This amount is 50% of Sweep Line/Antenna, Exhibit 6, 3-C-1.
	Amount:	$1,500.00
	Component Description:	Invoice is 25% Down Payment for $115,297.75 ATC total estimated cost. (See Exhibit 6). This amount is 25% of Sweep Line/Antenna, Exhibit 6, 3-C-1.
	Amount:	$750.00
Combiner Installation		
	Component Description:	Invoice is 50% Down Payment for $230,591.50 ATC total estimated cost. (See Exhibit 6). This amount is 50% of Combiner Installation, Exhibit 6, 3-C-2.
	Amount:	$3,500.00
	Component Description:	Invoice is 25% Down Payment for $115,297.75 ATC total estimated cost. (See Exhibit 6). This amount is 25% of Combiner Installation, Exhibit 6, 3-C-2.
	Amount:	$1,750.00

UHF - High Power Top Mount Five Station broadband panel antenna elliptically or circularly polarized	**Component Description:**	Invoice is 25% Down Payment for $115,297.75 ATC total estimated cost. (See Exhibit 6). This amount is 25% of Antenna, Exhibit 6, 3-B.
	Amount:	$20,805.50
	Component Description:	Invoice is 50% Down Payment for $230,591.50 ATC total estimated cost. (See Exhibit 6). This amount is 50% of Antenna, Exhibit 6, 3-B.
	Amount:	$41,611.50
Elbow complex, broadband, at antenna input, per 8 3/16. feedline (if needed)	**Component Description:**	Invoice is 50% Down Payment for $230,591.50 ATC total estimated cost. (See Exhibit 6). This amount is 50% of Elbow Complex, Exhibit 6, 3-C-2.
	Amount:	$3,600.00
	Component Description:	Invoice is 25% Down Payment for $115,297.75 ATC total estimated cost. (See Exhibit 6). This amount is 25% of Elbow Complex, Exhibit 6, 3-C-2.
	Amount:	$1,800.00
Install Combiner		

	Component Description:	Invoice is for Milestone 1 Payment at Primary site. This cost is for the primary combiner 25% down payment minus costs for E-Pol. Please see Exhibit 35C.
	Amount:	$2,187.50
	Component Description:	Invoice is for Milestone 2 Payment at Primary site. This cost is for the primary combiner 50% progress payment. Please see Exhibit 44.
	Amount:	$4,375.00
Elbow complex, broadband, at antenna input, per 8 3/16. feedline (if needed)	**Component Description:**	Invoice is for Milestone 1 Payment at Primary site. This cost is for the primary antenna elbow complex 25% down payment minus costs for E-Pol. Please see Exhibit 35C.
	Amount:	$2,250.00

	Component Description:	Invoice is for Milestone 2 Payment at Primary site. This cost is for the primary antenna elbow complex 50% progress payment minus costs for E-Pol. Please see Exhibit 44.
	Amount:	$4,500.00
New combiner, cost per channel (without antenna)	**Component Description:**	Invoice is for Milestone 1 Payment at Primary site. This cost is for the primary combiner 25% down payment. Please see Exhibit 35C.
	Amount:	$18,750.00
	Component Description:	Invoice is for Milestone 2 Payment at Primary site. This cost is for the primary combiner 50% down payment. Please see Exhibit 44.
	Amount:	$37,500.00
UHF - High Power Top Mount (200-1000 kW), Four Station broadband panel antenna, elliptically or circularly polarized		

	Component Description:	Invoice is for Milestone 1 Payment at Primary site. This cost is for the primary antenna 25% down payment minus costs for E-Pol. Please see Exhibit 35C.
	Amount:	$32,423.12
	Component Description:	Invoice is for Milestone 2 Payment at Primary site. This cost is for the primary antenna 50% progress payment minus costs for E-Pol. Please see Exhibit 44.
	Amount:	$64,846.25
Sweep test of existing antenna	**Component Description:**	Invoice is for Milestone 1 Payment at Primary site. This cost is for the primary antenna system sweep test 25% down payment minus costs for E-Pol. Please see Exhibit 35C.
	Amount:	$1,250.00

Component Description:	Invoice is for Milestone 2 Payment at Primary site. This cost is for the primary antenna system sweep test 50% progress payment minus costs for E-Pol. Please see Exhibit 44.
Amount:	$2,500.00

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
Interim Transmission Line	**$997,500.00**	**$149,623.05**		**$54,351.22**	
Nitrogen Generator	***$0.00***	$0.00	Based on actual cost. Please see Exhibit 52, Line 1-B-1.	N/A	N/A
Rigid Transmission Line - copper, 8 3 /16" broadband	$997,500.00	$149,623.05	Material cost for two (2) 83 /16" Broadband rigid transmission lines, six (3) elbows (3 each line). Cost shared with other stations. See actual cost in Exhibit 52 ($113,496.48 + $24,354.00). Also line costs in Exhibit 37 & 38 ($11,772.57)	$54,351.22	N/A
Primary Transmission Line	**$3,057.40**	**$3,057.40**		**$0.00**	
Nitrogen Generator	***$3,057.40***	$3,057.40	Nitrogen Generator Upgrade. Based on actual cost.	N/A	N/A

			Please see Exhibit 53.		
Sub-total	$1,000,557.40	$152,680.45	N/A	$54,351.22	N/A
Total for all systems	$7,908,530.10	$4,808,683.51	N/A	$4,037,719.38	N/A

Components

Actual Information Description	File Name
Nitrogen Generator	Information not provided.
Rigid Transmission Line - copper, 8 3/16" broadband	**Component Description:** Invoice is 50% Down Payment for $230,591.50 ATC total estimated cost. (See Exhibit 6). This amount is 50% of Interim Transmission Line, Exhibit 6, 3-A. **Amount:** $32,187.50 **Component Description:** Transmission Line to connect interim transmitter to interim combiner. Please see Exhibit 49 for quotation. **Amount:** $6,069.72 **Component Description:** Invoice is 25% Down Payment for $115,297.75 ATC total estimated cost. (See Exhibit 6). This amount is 25% of Interim Transmission Line, Exhibit 6, 3-A. **Amount:** $16,094.00

	Component Description: **Amount:**	Additional transmission lines within transmitter room. Installation and freight invoiced separately. $6,069.72
Nitrogen Generator	Information not provided.	

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 Justificatior
Primary Tower GTOWER	**$609,978.45**	**$171,436.96**		**$70,308.25**	
Tower Project Management	***$11,328.45***	$11,328.45	Tower modification project management and RF installation project management. Based on actual cost. Please see Exhibit 52.	$2,250.00	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. Based on actual costs. See Exhibit 52.	$7,500.00	N/A
Structural engineering tower load study for well documented tower	$12,600.00	$4,380.00	Tower mapping to ensure the proper structural information is relayed to engineering for proposed	$3,326.25	N/A

			repack equipment. Rigorous Structural analysis to access the structural capacity and modifications needed. Based on actual costs in Exhibit 52 3-A-1.		
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	$421,000.00	$116,996.51	The cost includes the installation of the new antenna, 2 transmission Lines, and required transmission brackets. Based on actual costs. See Exhibit 52 Lines 3-C-1 ($91,491.71) and 3-C-2 ($25,504.80).	$50,182.00	N/A
Tower Permit Packages	***$7,050.00***	$7,050.00	Construction drawing packages for tower and ground construction. Based on $3,762.50 actual costs, but form generates errors with that value. Please see Exhibit 52.	$7,050.00	N/A
Auxiliary Tower GTOWER	**$668,032.86**	**$370,880.38**		**$132,518.48**	

Minor tower reinforcement /modifications	$158,000.00	$64,866.54	It is expected that the additional loads imposed on the tower by new repack equipment will cause the tower to fail. Minor reinforcement is necessary. Based on actual cost. Please see Exhibit 53 Line 3-A-2.	$18,750.00	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	$421,000.00	$220,820.98	This candelabra is classified as complex structure. The cost includes the installation of the new antenna, two transmission lines and tower brackets for additional transmission lines. Based on actual cost. Please see Exhibit 53.	$51,077.85	N/A
Construction Management	***$11,782.86***	$11,782.86	Based on actual cost. Please see Exhibit 53.	$4,125.00	asdf
Tower Permit Packages	***$7,050.00***	$7,050.00	Prepare tower, building, and ground drawings for local permits and approvals. Required to support required	$7,050.00	N/A

			modifications needed for repack. Based on $3,133.34 actual cost, but form generates errors with that value. Please see Exhibit 53.		
Interim Tower Rent	***$57,600.00***	$57,600.00	Interim Tower Rent - For Market Repack Period. See Exhibit 6, 1-B-1.	$43,200.00	N/A
Structural engineering tower load study for well documented tower	$12,600.00	$8,760.00	Mapping and Rigorous Structural analysis to access the structural capacity and modifications needed to accommodate the repacked equipment. Based on actual cost. Please see Exhibit 53 Item 3-A-1 ($4,960 for mapping; $3800 for structural engineering)	$8,315.63	N/A
Sub-total	$1,278,011.31	$542,317.34	N/A	$202,826.73	N/A
Total for all systems	$7,908,530.10	$4,808,683.51	N/A	$4,037,719.38	N/A

Components

Actual Information Description	File Name

Tower Project Management	**Component Description:**	Invoice is 50% Down Payment for $230,591.50 ATC total estimated cost. (See Exhibit 6). This amount is 50% of Construction Project Management, Exhibit 6, 3-D-1.
	Amount:	$1,500.00
	Component Description:	Invoice is 25% Down Payment for $115,297.75 ATC total estimated cost. (See Exhibit 6). This amount is 25% of Construction Project Management, Exhibit 6, 3-D-1.
	Amount:	$750.00
Minor tower reinforcement /modifications	**Component Description:**	Invoice is 50% Down Payment for $230,591.50 ATC total estimated cost. (See Exhibit 6). This amount is 50% of Tower Reinforcement, Exhibit 6, 3-A-2.
	Amount:	$5,000.00

	Component Description:	Invoice is 25% Down Payment for $115,297.75 ATC total estimated cost. (See Exhibit 6). This amount is 25% of Tower Reinforcement, Exhibit 6, 3-A-2.
	Amount:	$2,500.00
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 6). This amount is 50% of Tower Mapping PLUS Tower Structural Engineering. See Exhibit 6, 3-A-1 (50% of $2480 plus $1,955).
	Amount:	$2,217.50
	Component Description:	Invoice is 25% Down Payment for $115,297.75 ATC total estimated cost. (See Exhibit 6). This amount is 25% of Tower Mapping PLUS Tower Structural Engineering. See Exhibit 6, 3-A-1 (25% of $2480 plus $1,955).
	Amount:	$1,108.75
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)		

	Component Description:	Install 7-inch line between transmitter and combiner.
	Amount:	$8,182.00
	Component Description:	Invoice is 50% Down Payment for $230,591.50 ATC total estimated cost. (See Exhibit 6). This amount is 50% of pro-rata Tower Rigging, Exhibit 6, 3-C-1.
	Amount:	$28,000.00
	Component Description:	Invoice is 25% Down Payment for $115,297.75 ATC total estimated cost. (See Exhibit 6). This amount is 25% of pro-rata Tower Rigging, Exhibit 6, 3-C-1.
	Amount:	$14,000.00
Tower Permit Packages		
	Component Description:	Invoice is 50% Down Payment for $230,591.50 ATC total estimated cost. (See Exhibit 6). This amount is 50% of Tower and Building Permits, Exhibit 6, 3-D-1.
	Amount:	$4,700.00

	Component Description:	Invoice is 25% Down Payment for $115,297.75 ATC total estimated cost. (See Exhibit 6). This amount is 25% of Tower and Building Permits, Exhibit 6, 3-D-1.
	Amount:	$2,350.00
Minor tower reinforcement /modifications	**Component Description:**	WBZ-TV pro rata cost for tower reinforcement. Please see Exhibit 35C.
	Amount:	$6,250.00
	Component Description:	WBZ-TV pro rata cost for tower reinforcement. Please see Exhibit 44.
	Amount:	$12,500.00
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	**Component Description:**	Pro rata cost for rigging a complex tower. Please see Exhibit 35C.
	Amount:	$15,125.00
	Component Description:	Pro rata cost for rigging a complex tower. Please see Exhibit 44.
	Amount:	$30,250.00

	Component Description:	Invoice is for installing transmission line from transmitter to combiner and transmission line freight. This cost is for the installation.
	Amount:	$5,702.85
Construction Management		
	Component Description:	Pro rata cost for construction project management. Please see Exhibit 35C.
	Amount:	$1,375.00
	Component Description:	Pro rata cost for construction project management. Please see Exhibit 44.
	Amount:	$2,750.00
Tower Permit Packages		
	Component Description:	Pro rata cost for tower and building permit drawings. Please see Exhibit 35C.
	Amount:	$2,350.00
	Component Description:	Pro rata cost for tower and building permit drawings. Please see Exhibit 44.
	Amount:	$4,700.00
Interim Tower Rent		

	Component Description:	Invoice is 25% Down Payment for $115,297.75 ATC total estimated cost. (See Exhibit 6). This amount is 25% of Tower Rent, Exhibit 6, 1-B-1.
	Amount:	$14,400.00
	Component Description:	Invoice is 50% Down Payment for $230,591.50 ATC total estimated cost. (See Exhibit 6). This amount is 50% of Tower Rent, Exhibit 6, 1-B-1.
	Amount:	$28,800.00
Structural engineering tower load study for well documented tower	**Component Description:**	Tower mapping ($1,550) and structural ($1,221.88). Please see Exhibit 35C.
	Amount:	$2,771.88
	Component Description:	Tower mapping ($3,100) and structural ($2,443.75). Please see Exhibit 44.
	Amount:	$5,543.75

Cost Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	**$155,435.00**	**$64,458.00**		**$35,220.00**	
RF System Test	***$10,000.00***	$10,000.00	Testing of the combiner to ensure one frequency is tuned for optimal patterns. Based on actual cost. Please see Exhibits 52 ($5,000) and 53 ($5,000).	$6,187.50	N/A
LocalPermits	***$750.00***	$750.00	Prepare and submit applications for electrical, building and other required permits required for installation of repack equipment. See Exhibits 5 ($750) and 52 (Actual Cost: $0.00).	$562.50	N/A
Comprehensive coverage	$84,200.00	$13,748.00	RF Field Engineering	N/A	N/A

verification via field study, if needed			Services. Based on actual cost. Please see Exhibit 53.		
Attorney Fees - Negotiation of lease and other matters for shared locations	$4,210.00	$0.00	Based on actual cost.	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	$1,580.00	$0.00	Based on actual cost.	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	$3,155.00	$3,000.00	N/A	$3,000.00	N/A
Perform engineering study for new channel assignment and antenna development	$7,360.00	$10,000.00	Based on Actual Costs. Please see Exhibits 53 ($5,000) and Exhibit 52 ($5,000)	$7,875.00	N/A
Address transition timing and coordination issues w/ other stations and wireless	$2,630.00	$8,000.00	Transition timing is necessary at two sites. Based on actual costs. Please see Exhibits 52 and 53.	$3,375.00	N/A
Project management of	$39,500.00	$18,960.00	Based on actual	$14,220.00	N/A

the transition			costs. Please see Exhibit 52 and 53 Line 1-A-2 ($9,480.00 each).		
Prepare request for Special Temporary Authorization	$2,050.00	$0.00	Based on actual cost.	N/A	N/A
Sub-total	$155,435.00	$64,458.00	N/A	$35,220.00	N/A
Total for all systems	$7,908,530.10	$4,808,683.51	N/A	$4,037,719.38	N/A

Components

Actual Information Description	File Name	
RF System Test	**Component Description:**	Pro rata charge for RF System test. Please see Exhibit 35C.
	Amount:	$1,375.00
	Component Description:	Pro rata charge for RF System test. Please see Exhibit 44.
	Amount:	$2,750.00
	Component Description:	Prepare coverage maps of new facilities. Please see Exhibit 36.
	Amount:	$187.50

	Component Description:	Invoice is 25% Down Payment for $115,297.75 ATC total estimated cost. (See Exhibit 6). This amount is 25% of RF System Test, Exhibit 6, 1-B-1.
	Amount:	$625.00
	Component Description:	Invoice is 50% Down Payment for $230,591.50 ATC total estimated cost. (See Exhibit 6). This amount is 50% of RF System Test, Exhibit 6, 1-B-1.
	Amount:	$1,250.00
LocalPermits		
	Component Description:	Invoice is 25% Down Payment for $115,297.75 ATC total estimated cost. (See Exhibit 6). This amount is 25% of Building Permits, Exhibit 6, 1-A-3.
	Amount:	$187.50
	Component Description:	Invoice is 50% Down Payment for $230,591.50 ATC total estimated cost. (See Exhibit 6). This amount is 50% of Building Permits, Exhibit 6, 1-A-3.
	Amount:	$375.00

Comprehensive coverage verification via field study, if needed	Information not provided.
Attorney Fees - Negotiation of lease and other matters for shared locations	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:** Coordinate "work around" to solve concerns regarding Canadian coordination. **Amount:** $550.00 **Component Description:** Preliminary Engineering and CP Application, Engineering Section. **Amount:** $2,450.00
Perform engineering study for new channel assignment and antenna development	**Component Description:** Engineering - Antenna Development. Please see Exhibit 35C. **Amount:** $1,375.00 **Component Description:** Engineering - Antenna Development. Please see Exhibit 44. **Amount:** $2,750.00

	Component Description:	Invoice is 50% Down Payment for $230,591.50 ATC total estimated cost. (See Exhibit 6). This amount is 50% of Engineering Antenna Development, Exhibit 6, 1-A-2.
	Amount:	$2,500.00
	Component Description:	Invoice is 25% Down Payment for $115,297.75 ATC total estimated cost. (See Exhibit 6). This amount is 25% of Engineering Antenna Development, Exhibit 6, 1-A-2.
	Amount:	$1,250.00
Address transition timing and coordination issues w/ other stations and wireless	**Component Description:**	Pro rata fee for addressing transition timing. Please see Exhibit 35C.
	Amount:	$500.00
	Component Description:	Pro rata fee for addressing transition timing. Please see Exhibit 44.
	Amount:	$1,000.00

	Component Description:	Invoice is 25% Down Payment for $115,297.75 ATC total estimated cost. (See Exhibit 6). This amount is 25% of Address Transition Timing, Exhibit 6, 1-A-1.
	Amount:	$625.00
	Component Description:	Invoice is 50% Down Payment for $230,591.50 ATC total estimated cost. (See Exhibit 6). This amount is 50% of Address Transition Timing, Exhibit 6, 1-A-1.
	Amount:	$1,250.00
Project management of the transition	**Component Description:**	American Tower outside project management. Please see Exhibit 35C.
	Amount:	$2,370.00
	Component Description:	American Tower outside project management. Please see Exhibit 44.
	Amount:	$4,740.00

	Component Description: **Amount:**	Invoice is 50% Down Payment for $230,591.50 ATC total estimated cost. (See Exhibit 6). This amount is 50% of Outside Project Management, Exhibit 6, 1-A-1. $4,740.00
	Component Description: **Amount:**	Invoice is 25% Down Payment for $115,297.75 ATC total estimated cost. (See Exhibit 6). This amount is 25% of Outside Project Management, Exhibit 6, 1-A-1. $2,370.00
Prepare request for Special Temporary Authorization	Information not provided.	

Cost Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	**$135,430.96**	**$128,125.96**		**$114,400.02**	
Equipment Disposal	***$3,048.00***	$3,048.00	Cost for disposal of equipment and other waste. Based on actual cost. Please see Exhibit 53.	N/A	N/A
Equipment Storage	***$1,456.20***	$1,456.20	Cost for equipment storage after delivery and before installation. Based on actual cost. Please see Exhibit 53.	N/A	N/A
Site Security	***$2,700.00***	$2,700.00	Based on $2053.15 actual cost, but form generates errors with that value. See Exhibit 52 line 1-B-1.	$2,700.00	N/A
Site Coordination Meeting	***$2,614.24***	$2,614.24	Site coordination meeting with other broadcasters, contractors, vendors, and tower	$1,320.00	N/A

			landlord. Based on actual cost. Please see Exhibit 53.		
Public Hearing	***$630.00***	$630.00	Actual Public hearing cost was $0.00 (Please see Exhibits 52 and 53), but form generates errors with that value.	$630.00	N/A
Ice Shield for HVAC	***$4,000.00***	$4,000.00	Ice protection for HVAC compressor split units placed in close proximity of tower in areas prone to ice and snow. (See Exhibit 6)	N/A	N/A
Disconnect Transmitters	***$52,378.35***	$52,378.35	Disconnect and Remove to Staging Area the WBZ-TV Primary and two Auxiliary Transmitters. See Exhibit 3 Item F ($23,475.60), Exhibit 9 Item F ($14,433.30), and Exhibit 42 ($14,469.45).	$52,378.35	asdf
Building Partition	***$1,800.00***	$1,800.00	This cost is to provide permitting for	N/A	N/A

			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 6.)		
Asbestos and Lead Paint Testing	***$1,350.00***	$1,350.00	Based on $0.00 actual cost, but form generates errors with that value. See Exhibits 52 and 53 line 1-B-1.	$1,350.00	N/A
MVPD Notification of Channel Change	***$1,000.00***	$1,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	***$51,209.17***	$51,209.17	Based on actual cost of $49,115.63 but form generates errors with that value. See Attachments 28 ($19,805.30), 45A ($6,005.40), 46A (18,505.08), 51 ($518.39), 52 ($1,761.10),	$51,209.17	N/A

			and 53 ($2,520.36).		
Non-zoning permits	***$1,500.00***	$1,500.00	Based on actual cost. Please see Exhibits 52 and 53.	$562.50	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	$4,250.00	See Exhibit 7. (Note: Corrected cost typo March 21, 2019)	$4,250.00	N/A
Sub-total	$135,430.96	$128,125.96	N/A	$114,400.02	N/A
Total for all systems	$7,908,530.10	$4,808,683.51	N/A	$4,037,719.38	N/A

Components

Actual Information **Description**	**File Name**	
Equipment Disposal	Information not provided.	
Equipment Storage	Information not provided.	
Site Security	**Component Description:** **Amount:**	Invoice is 50% Down Payment for $230,591.50 ATC total estimated cost. (See Exhibit 6). This amount is 50% of Site Security, Exhibit 6, 1-B-1. $1,800.00

	Component Description:	Invoice is 25% Down Payment for $115,297.75 ATC total estimated cost. (See Exhibit 6). This amount is 25% of Site Security, Exhibit 6, 1-B-1.
	Amount:	$900.00
Site Coordination Meeting		
	Component Description:	Site coordination meetings. Please see Exhibit 35C.
	Amount:	$440.00
	Component Description:	Site coordination meetings. Please see Exhibit 44.
	Amount:	$880.00
Public Hearing		
	Component Description:	Public hearing costs. Please see Exhibit 35C.
	Amount:	$110.00
	Component Description:	Invoice is 25% Down Payment for $115,297.75 ATC total estimated cost. (See Exhibit 6). This amount is 25% of Public Hearing, Exhibit 6, 1-B-1.
	Amount:	$100.00

	Component Description:	Public hearing costs. Please see Exhibit 44.
	Amount:	$220.00
	Component Description:	Invoice is 50% Down Payment for $230,591.50 ATC total estimated cost. (See Exhibit 6). This amount is 50% of Public Hearing, Exhibit 6, 1-B-1.
	Amount:	$200.00
Ice Shield for HVAC	Information not provided.	
Disconnect Transmitters		
	Component Description:	Invoice is for Installation & Proof, Freight, and Old Transmitter Removal. This is for the transmitter removal. Other items are listed separately. See Exhibit 45A for cost explanation.
	Amount:	$9,622.20
	Component Description:	Uninstall Auxiliary Transmitter. Please see Exhibit 42 for quotation.
	Amount:	$14,469.45

	Component Description: Invoice is for Installation & Proof, Freight, and Old Transmitter Removal. This is for the transmitter removal. Other items are listed separately. See Exhibit 45A for cost explanation. **Amount:** $9,622.20 **Component Description:** Invoice is for Change Orders, Installation & Proof, Freight, and Old Transmitter Removal. This is for the Old Transmitter Removal. Other items are listed separately. **Amount:** $23,475.60 **Component Description:** Invoice is split among three cost categories. See Exhibit 24. **Amount:** $4,811.10
Building Partition	Information not provided.
Asbestos and Lead Paint Testing	

	Component Description:	Invoice is 50% Down Payment for $230,591.50 ATC total estimated cost. (See Exhibit 6). This amount is 50% of Asbestos and Lead Paint Testing, Exhibit 6, 1-B-1.
	Amount:	$900.00
	Component Description:	Invoice is 25% Down Payment for $115,297.75 ATC total estimated cost. (See Exhibit 6). This amount is 25% of Asbestos and Lead Paint Testing, Exhibit 6, 1-B-1.
	Amount:	$450.00
MVPD Notification of Channel Change	Information not provided.	
Equipment Delivery and Handling Charges	**Component Description:**	Invoice is for installing transmission line between interim transmitter and combiner plus transmission line freight. This cost is freight. Other costs are listed separately.
	Amount:	$518.39

Component Description:	Equipment delivery and handling. Please see Exhibit 35C.
Amount:	$1,375.00
Component Description:	Invoice is for Installation & Proof, Freight, and Old Transmitter Removal. This is for the freight. Other items are listed separately.
Amount:	$6,005.40
Component Description:	WBZ-TV Main Transmitter Freight.
Amount:	$19,805.30
Component Description:	Invoice is for Installation & Proof, Freight, and Old Transmitter Removal. This is for the freight. Other items are listed separately.
Amount:	$6,005.40
Component Description:	Invoice is 25% Down Payment for $115,297.75 ATC total estimated cost. (See Exhibit 6). This amount is 25% of Tower equipment and delivery, Exhibit 6, 1-A-4.
Amount:	$750.00

	Component Description:	Invoice is 50% Down Payment for $230,591.50 ATC total estimated cost. (See Exhibit 6). This amount is 50% of Tower equipment and delivery, Exhibit 6, 1-A-4.
	Amount:	$1,500.00
	Component Description:	Equipment delivery and handling. Please see Exhibit 44.
	Amount:	$2,750.00
	Component Description:	Invoice is for Change Orders, Installation & Proof, Freight, and Old Transmitter Removal. This is for the Freight. Other items are listed separately. Please see Exhibit 52, GatesAir Estimate Correction Statement.
	Amount:	$18,505.08
Non-zoning permits		
	Component Description:	Pro rata cost for building permits. Please see Exhibit 35C.
	Amount:	$187.50

	Component Description: **Amount:**	Pro rata cost for building permits. Please see Exhibit 44. $375.00
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
DTV Medical Facility Notification	**Component Description:** **Amount:**	Health Care Notification. See quote in Exhibit 7. $4,250.00

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	$7,908,530.10	$4,808,683.51	$4,037,719.38

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

	signal of a broadcaster that changes channels (MVPD). 5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund. 6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred. 7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission. 8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.	
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	**Andrew J Siegel** *Assistant Secretary* 04/14/2021

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).	
	1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. 3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 4. The above-named entity acknowledges the submission of the information herein	

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

5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station’s facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD) .
6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.
8. The above-named entity acknowledges that overpayments or payments in error

	must be promptly refunded to the Commission. 9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.	
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	**Andrew J Siegel** *Assistant Secretary* 04/14/2021

Attachments