

(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility 25453 Service: DTV Call KYW-TV Channel: 30 (UHF)

Sign:

File **0000027398** 

Number:

ID:

FRN: **0003482189** Date **03/01** 

Submitted: /2021

# Applicant Information

#### **Applicant Name, Type, and Contact Information**

Applicant	Address	Phone	Email	Applicant Type
CBS BROADCASTING INC. Doing Business As: CBS BROADCASTING INC.	Daniel G. Ryson 2020 M. St., NW - Licensing DEPT WASHINGTON, DC 20036 United States	+1 (202) 457- 4505	dryson@cbs. com	Corporation

# 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  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	New side-mount antenna for interim use will be installed on Tower ASR 1023152 while new bottom mount stacked UHF 30 antenna is mounted on Tower ASR 1035474.

#### **Transmitters**

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

# 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	
Manufacturer and Type	Model	Sigma CD200P2
	Year	1999
	Туре	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	50 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	ULXTED-144
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	94.4 kW
	Justification for New Transmitter	See Attachment 36A Primary Transmitter Overview and Cost Considerations Statement. Comparable transmitter is a ULXTED-100.

# Primary 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	300 kVA
	Rigid Conduit and Wiring	Yes
	Size	4 inches
	Length	100.0 feet

	Other Electrical Service	Yes
	Description	100 feet of 2-inch conduit and 100 feet of 3-inch conduit.
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Cooling Only
	Size	25 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

### Primary Transmitter

#### **Other Transmitter Cost Not Listed**

Name	Description
Surge Suppressor	Parallel surge suppressor required for proper operation of transmitter. See Attachment 2A, Item D2.

#### Interim Transmitter

#### **New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Interim
	Description of Use	N/A
	Change Type	Purchase
	Manufacturer	
	Model	ULXTE-40
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	25.3 kW
	Justification for New Transmitter	Transmitter required at interim site while main site antenna and transmission line are being replaced.

### Interim 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	Yes
	Size	4 inches
	Length	50.0 feet

		_
	Other Electrical Service	Yes
	Description	100 feet each of 2- inch and 3- inch conduit.
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Cooling Only
	Size	5 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	0.0 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?	Yes

#### Interim Transmitter

#### **Other Transmitter Cost Not Listed**

•	Name	Description
	Surge Suppressor	Parallel surge suppressor. Required for proper operation of interim transmitter. See Attachment 4, Item D1.

#### **Antennas**

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

#### **Existing Antenna Information**

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	No
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	Yes
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Bottom
	Polarization	Horizontal
	Туре	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels	N/A
	Design power capacity in use	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	790.0 kW

Manufacturer	
Model	TFU- 30GBH-R
Year	1999

#### **New Antenna Costs**

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna	Class	Full Power
Manufacturer and Types	Mounting	Top Mount
	Antenna position in stack	Bottom
	Polarization	Elliptical
	Туре	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	960.0 kW
	Manufacturer	
	Model	TFU-28JBH/VP-R O8
	Year	2019

Justification for New Antenna	Existing
	antenna cannot
	be retuned.
	Quote revised
	to improve
	pattern after
	accommodating
	top-mount
	WPSG(TV)
	Philadelphia.
	See
	Attachment 25.

#### **Other Antenna Costs**

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	
	Туре	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	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	Yes
	transmission line and antenna?	

**Other Antenna Cost Not Listed** 

Information not provided.

#### Interim Antenna

#### **New Antenna Costs**

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna	Class	Full Power
Manufacturer and Type	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Туре	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	420.0 kW
	Manufacturer	
	Model	TFU-24WB /VP C160
	Year	2019

Justification for New Antenna	Main site unavailable
	during
	construction
	of post-
	transition
	facility.

#### Interim Antenna

#### **Other Antenna Costs**

Section	Question	Response
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an antenna?	Yes
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

#### Interim Antenna

#### Other Antenna Cost Not Listed

Information not provided.

Transmission <sup>Seffien</sup>	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

# Primary Transmission Line

#### **Existing Transmission Line**

n Line Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	
	Туре	Rigid
	Diameter	8 3/16 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1550 feet per run

#### **New Transmission Line**

# Primary Transmission

New Transmission Line
NEW Hallollission Line

section	Question	Response
New Transmission Line Costs	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Туре	Rigid
	Diameter	8 3/16 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1350 feet per run
	Justification for New Transmission Line	Existing segments are an incorrect match for new channel. (Line Length reduced from 1,550 to 1,350 feet 19 Nov 2019.) See Attachment 5A.

# Other Transmission Line Expenses Not Listed

Primary
Transmission of provided.

#### Interim

#### **New Transmission Line**

ansmissi	on Settion	Question	Response
	New Transmission Line	Use	Interim
	Costs	Description of Use	N/A
	Change Type	Purchase New	
		Туре	Rigid
		Diameter	6 1/8 inches
	Segment Length	Broadband	
	Other Segment Length		
		Number of parallel runs	1
	Length	800 feet per run	
	Justification for New Transmission Line	Interim site requires transmitter to be connected to the antenna.	

**Other Transmission Line Expenses Not Listed** 

Transmission loine tion not provided.

#### Tower Equipment And Rigging Costs

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

# Auxiliary Tower

#### **Add Tower**

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Auxiliary (Backup)
	Description of Use	Interim
	Ownership	Leased
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	No
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure	Do you have a tower registration number?	Yes
Registration	ASR Number	1023152
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	40° 02' 39.0" N-
	Longitude (NAD83)	075° 14' 25.0" W-
	Overall Structure Height	1116.13 fee
	Support Structure Height	1112.85 fee
	Ground Elevation Above Mean Sea Level (AMSL)	252.29 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	ABC INC DBA = WPVI-TV
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
12499	WPSG	DTV
8616	WPVI-TV	DTV

#### Auxiliary Tower

#### **Tower Modification Costs**

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

#### Auxiliary Tower

# **Tower Rigging Costs**

Section	Question	Response
Tower Rigging Costs	Complex Tower	N/A

Helicopter Services	Are helicopter services required?	No
Required		

# Auxiliary Tower

#### **Other Tower Expenses Not Listed**

Name	Description
Structural Engineering Interim Tower	Structural studies of various antenna and transmission line configuration options on interim tower. Please see Attachments 94 and 97 for quotations.

# 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?	
	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?	No
	Is tower compliant with Rev G?	Yes
Existing Tower Structure	Do you have a tower registration number?	Yes
Registration	ASR Number	1035474
Coordinates (NAD83 ( North American Datum of	Latitude (NAD83)	40° 02' 33.0" N-
1983))	Longitude (NAD83)	075° 14' 32.0" W-
	Overall Structure Height	1276.23 feet
	Support Structure Height	1272.95 feet
	Ground Elevation Above Mean Sea Level (AMSL)	242.78 feet
	Structure Type	TOWER - Free Standing or Guyed Structure

Tower Owner	ABC, INC. DBA = WPVI-TV
Date Constructed	10/23/1998

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
8616	WPVI-TV	DTV
12499	WPSG	DTV

#### Primary Tower

#### **Tower Modification Costs**

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for undocumented /poorly documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	No reinforcements needed

#### Primary Tower

# **Tower Rigging Costs**

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

# Primary Tower

# Other Tower Expenses Not Listed

Name	Description
Structural Analysis	Structural Analysis Primary Tower.
Gin Pole Engineering	Additional Engineering to Evaluate prospective Gin Pole lift.

#### Outside Professional

Section	Question	Response
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	Prepare and file Form FCC Construction Permit Application	No
Services	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	No
	RF exposure measurements	No
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

#### Outside Professional

# Other Professional Services Expenses Not Listed

I Services Costs	Description
Transmitter Engineering	Engineering Design Services Transmitter Replacement Project

# 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	Yes
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	Yes
	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)?	Yes
	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
FCC Filing Fee - STL	FCC Filing Fee - STL
Interim Bldg. Asbestos Removal	Interim Bldg. asbestos removal
Main TX Building Const Admin	Main TX Building Construction Administration
Interim Bldg. Contingency	Interim Bldg. misc costs from GC, electrical, mechanical, and fire suppression subcontractors.
Interim Bldg. Electrical Contractor	Interim Bldg. Electrical Contractor
Interim Bldg. Fire Detection	Interim Building Fire Detection and Suppression System.
Interim Bldg. GC and Mech. Contractor	Interim Bldg. GC and Mech. Contractor
Interim Site Generator	Interim Site Generator
STL to Interim Site	STL Hardware to Interim Site
Temp Roadway 1	Temporary Roadway Required for Ice Bridge Construction at Interim Tower. Please see quote in Attachment 99. Cost is split 50/50 with WPSG.
Temp Roadway 2	Temporary Roadway 2 - Required for delivery of long antennas onto property to avoid sharp turn onto existing access roadway. Cost split 50/50 with WPSG. Please see Attachment 104.
Drain Refill Glycol	Drain Refill Glycol
Main Building MEP Design	Main Building MEP Design

# **Cost Information**

#### **Transmitters**

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmitter ULXTE-40	\$1,179,260.82	\$977,978.53		\$878,841.07	
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$783,244.71	See Attachment 4, Items A, B, and E. Includes Change Orders Q- 73688 (Attachment 39), Q79360 (Attachment 41), Q82319 (Attachment 42) and Q 83384 (Attachment 43). RF accessories, transformer, surge suppressor, and shipping listed separately.	\$783,244.71	Subtotal equals estimated cost.
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$5,870.00	Required for proper operation of the interim transmitter. See Attachment 4, Item D1.	\$5,870.00	N/A

4" Rigid Conduit and	\$5,050.00	\$4,800.00	N/A	N/A	N/A
Wiring (Cost per foot)					1471
Other Electrical Service: 100 feet each of 2- inch and 3- inch conduit.	\$7,400.00	\$7,400.00	100 feet each of two-inch and three- inch conduit. Widelity Cost Catalog pricing used.	N/A	N/A
5 Ton system	\$20,250.00	\$10,153.00	Please see proposal in Attachment 101. Total cost split 50 /50 with WPSG.	\$10,153.00	N/A
Other Building Addition Size: 0.0	\$25,000.00	\$25,000.00	Leasehold improvements to building required to accommodate new transmitter equipment.	N/A	N/A
UHF inside RF system including switching	\$147,500.00	\$140,000.00	N/A	\$78,062.54	N/A

Surge Suppressor	\$1,510.82 \$4,566,821.64	\$1,510.82 \$2,157,155.10	Parallel surge suppressor. Required for proper operation of interim transmitter. See Attachment 4, Item D1.	\$1,510.82 \$2,053,155,10	If this is left blank, form shows an error stating that the Sub-Total is greater than Estimated Cost. However, the \$1,510.82 Sub-Total is the same as the Estimated Cost.
Primary Transmitter ULXTED-144	\$4,566,821.64	\$2,157,155.10		\$2,053,155.10	
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	\$1,788,000.00	\$642,803.95	***System Notice: Estimate adjusted and locked because line has been superseded. ***This cost is for an IOT transmitter capable of meeting our HPol-only CCRPN ERP.	\$642,803.95	N/A
Surge Suppressor	\$3,021.64	\$3,021.64	Parallel surge suppressor is required for proper operation of transmitter. See Attachment 2B, Item D2.	\$3,021.64	N/A

Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$14,993.60	Required for proper operation of repack transmitter. See Attachment 2A, Item D1.	\$14,993.60	N/A
Other Electrical Service: 100 feet of 2-inch conduit and 100 feet of 3-inch conduit.	\$7,400.00	\$7,400.00	100 feet each of two-inch and three- inch conduit. Widelity Cost Catalog pricing used.	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 86.8 . 106 kW	\$2,630,000.00	\$1,392,335.91	Cost based on ULXTED- 100 Estimate (Attachment 2B) line Items A, B, C, and E plus three change orders minus already-reimbursed \$642,803.95 from GatesAir Invoice GO10004708-DP in another now-locked cost category. See also Attachment 82.	\$1,392,335.91	Sub-total equals estimate cost.
4" Rigid Conduit and Wiring (Cost per foot)	\$10,100.00	\$9,600.00	N/A	N/A	N/A
25 Ton system	\$91,500.00	\$87,000.00	N/A	N/A	N/A

Total for all	\$9,620,834.38	\$6,523,493.07	N/A	\$5,820,330.70	N/A
systems					

#### Components

Actual Information Description	File Name	
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	Component Description: Amount:	Please see Attachment 38. \$260,254.50
	Component Description: Amount:	Please see Attachment 40. \$156,957.41
	Component Description:	Installation plus change orders. Please see Attachment 44 for details.
	Amount:	\$74,730.51
	Component Description:	Invoice is for 1/3 down payment for interim transmitter.
	Amount:	\$291,302.29
Transformer 3 phase/480v - 150 KVA	Component Description: Amount:	Please see Attachment 38 \$1,956.67
	Component Description: Amount:	Please see Attachment 40. \$3,913.33
4" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	

Other Electrical Service: 100 feet each of 2-inch and 3-inch conduit.	Information not provided.			
5 Ton system				
	Component Description:	HVAC unit final payment. Please see proposal in attachment 101. Cost split 50/50 with WPSG.		
	Amount:	\$8,162.20		
	Component Description:	HVAC down payment. Please see proposal in attachment 101. Cost split 50/50 with WPSG.		
	Amount:	\$1,990.80		
Other Building Addition Size: 0.0	Information not provided.			
UHF inside RF system				
including switching	Component Description:  Amount:	Please see Attachment 38. \$26,020.85		
	Component Description: Amount:	Please see Attachment 40. \$52,041.69		
Surge Suppressor				
	Component Description: Amount:	Please see Attachment 38. \$503.61		
	Component Description: Amount:	Please see Attachment 40. \$1,007.21		

UHF - Liquid Cooled Solid State Transmitter 52 - 61		
kW	<b>Component Description:</b>	CBS requests to
		have this cost
		rejected since it
		has been moved
		to the revised
		transmitter
		category.
	Amount:	N/A
	Component Description:	Invoice is for 1/3
		down payment for
		main transmitter.
	Amount:	\$642,803.95
Surge Suppressor		
	Component Description:	This invoice is the
		primary transmitter
		progress payment.
		The amount
		shown here is
		based on the ratio
		of unreimbursed
		costs times non-
		upgraded invoice
		amount. See
		Attachment 36E.
	Amount:	\$1,601.03
	Component Description:	Please see
	· ·	_
		Statement in
	Amount:	Statement in Attachment 37. \$1,420.61

Transformer 3 phase/480v - 300 KVA		
DUU KVA	<b>Component Description:</b>	Invoice is for
		primary transmitter
		progress payment.
		The amount
		shown here is
		based on the ratio
		of unreimbursed
		costs times non-
		upgraded invoice
		amount. See
		Attachment 36E.
	Amount:	\$7,944.40
	Component Description:	Please see
	Component 2000 pulling	Statement in
		Attachment 37.
	Amount:	\$7,049.20
Other Electrical Service:	Information not provided.	
100 feet of 2-inch conduit		
and 100 feet of 3-inch		
conduit.		

UHF - Liquid Cooled Solid State Transmitter 86.8 . 106	Component Descriptions	Drimony
kW	Component Description:	Primary Transmitter
		Installation and
		change orders.
		Please see
		Attachment 82.
	Amount:	\$114,396.28
	Component Description:	"Comparable"
		ULXTED-100
		transmitter
		progress payment
		based on ratio of
		unreimbursed cost
		times non-
		upgraded invoice
		amount. See
		Attachment 36E.
	Amount:	\$677,120.06
	Component Description:	Please see
		Statement in
		Attachment 37
	Amount:	\$600,819.57
4" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	
25 Ton system	Information not provided.	

# **Cost Information**

#### **Antennas**

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Antenna TFU-24WB /VP C160	\$365,240.00	\$113,980.00		\$83,780.00	
UHF - Lower Power Side Mount, One Station antenna . medium power (50- 200 kW), elliptically or circularly polarized	\$103,100.00	\$80,580.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***Please see Attachment 6A, Line 1 and Line 4. Excludes vertical polarization (Line 2) and the custom bracket (Line 3) that was subsequently canceled. Cost split equally with WPSG. Please see Attachment 71.	\$80,580.00	N/A

Primary Antenna TFU-28JBH /VP-R O8	\$311,480.00	\$420,565.10		\$420,565.10	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$3,200.00	N/A
Pattern scatter analysis for side mount high /med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	N/A	N/A
UHF - Lower Power Side Mount, One station antenna 200-500 kW, elliptically or circularly polarized	\$227,000.00	\$0.00	N/A	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$22,000.00	N/A	N/A	N/A

Character   Company   Co						
test of existing antenna  Elbow \$15,250.00 \$13,583.00 See \$13,583.00 N/A complex, single channel, at antenna input, per 8 3/16. feedline (if needed)  Sub-total \$676,720.00 \$534,545.10 N/A \$504,345.10 N/A  Total for \$9,620,834.38 \$6,523,493.07 N/A \$5,820,330.70 N/A all	High Power Top Mount (200-1000 kW), One station antenna, elliptically or circularly	\$289,500.00	\$400,582.10	structural capability is needed to support stacked antenna above. See Attachment 5A, Line 1 (minus \$37,200 for upgraded V-Pol cost) and Attachments 25, 165 (\$6,107.50), and 169	\$400,582.10	N/A
complex, single channel, at antenna input, per 8 3/16. feedline (if needed)       5A, Line 2.         Sub-total       \$676,720.00       \$534,545.10       N/A       \$504,345.10       N/A         Total for all       \$9,620,834.38       \$6,523,493.07       N/A       \$5,820,330.70       N/A	test of existing	\$6,730.00	\$6,400.00	Attachment	\$6,400.00	N/A
<b>Total for</b> \$9,620,834.38 \$6,523,493.07 N/A \$5,820,330.70 N/A all	complex, single channel, at antenna input, per 8 3/16. feedline (if	\$15,250.00	\$13,583.00	Attachment	\$13,583.00	N/A
all	Sub-total	\$676,720.00	\$534,545.10	N/A	\$504,345.10	N/A
	all	\$9,620,834.38	\$6,523,493.07	N/A	\$5,820,330.70	N/A

Actual Information	
Description	File Name

UHF - Lower Power Side		
Mount, One Station antenna . medium power (50-200 kW), elliptically or circularly polarized	Component Description:  Amount:	Please see Attachment 6A, Line 1 and Line 4. Excludes vertical polarization (Line 2) and the custom bracket (Line 3) that was subsequently canceled. Cost split equally with WPSG. Please see Attachment 71. \$80,580.00
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.	
UHF - Lower Power Side Mount, One station antenna 200-500 kW, elliptically or circularly polarized	Information not provided.	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.	
Sweep test of existing antenna	Component Description:  Amount:	Interim antenna sweep test. Cost shared equally with KYW-TV. Please see Attachment 71. \$3,200.00
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized		

**Component Description:** For KYW-TV

Primary Antenna. Excludes V-Pol and 90% deposit.

Please see Statement in Attachment 150 for quote and

details.

**Amount:** \$39,327.00

Component Description: Antenna minus V-

Pol cost 45% down payment. See Attachment 5A for quotation and Attachment 25 for further info.

**Amount:** \$176,971.50

Component Description: Antenna minus V-

Pol cost 45%

progress payment. See Attachment 5A for quotation and Attachment 25 for further info.

**Amount:** \$176,971.50

Component Description: Invoice is for Cut

line section and primary antenna hardware (nuts, bolts, etc.) and revised drawings. This cost is for nuts, bolts, and

drawings.

**Amount:** \$6,107.50

Component Description: Invoice is for nuts

required for the wedding cake adapter plus

freight. This cost is for the hardware alone. Please see Attachment 169

for details.

**Amount:** \$1,204.60

Sweep test of existing antenna

Component Description: Sweep testing

45% progress payment. See Attachment 5A for quotation and Attachment 25 for

further info.

**Amount:** \$2,880.00

Component Description: Sweep testing

45% down payment. See Attachment 5A for quotation and Attachment 25 for

further info.

**Amount:** \$2,880.00

**Component Description:** For KYW-TV

Primary Sweep Test. Excludes 90% deposit. Please see Statement in Attachment 162 for quote and

details.

**Amount:** \$640.00

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

Component Description: Elbow complex

45% down payment. See Attachment 5A for quotation and Attachment 25 for

further info.

**Amount:** \$6,112.35

Component Description: Elbow complex

45% progress payment. See Attachment 5A for quotation and Attachment 25 for further info.

**Amount:** \$6,112.35

**Component Description:** For KYW-TV

Primary Elbow Complex. Excludes 90% deposit. Please see Statement in Attachment 151 for quote and

details. **Amount:** \$1,358.30

# **Cost Information**

#### **Transmission Line**

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost
Interim Transmission Line	\$185,600.00	\$92,556.80		\$92,556.80	
Rigid Transmission Line - copper, 6 1 /8" broadband	\$185,600.00	\$92,556.80	See Attachment 6A, Line 5 plus change order 7-25- 2019 (Attachment 73). Costs shared equally with KYW-TV. Please see Attachment 71.	\$92,556.80	N/A
Primary Transmission Line	\$468,450.00	\$324,743.25		\$324,743.25	
Rigid Transmission Line - copper, 8 3 /16"	\$468,450.00	\$324,743.25	1,350 feet of 8 3/16- inch 75 Ohm line. Please see Attachment 5A line 3 and Attachment 165 line 1 for quote.	\$324,743.25	N/A
Sub-total	\$654,050.00	\$417,300.05	N/A	\$417,300.05	N/A
Total for all systems	\$9,620,834.38	\$6,523,493.07	N/A	\$5,820,330.70	N/A

Description	File Name	
Rigid Transmission Line - copper, 6 1/8" broadband	Component Description:	See Attachment
	Component Description.	6A, Line 5. Cost shared equally with KYW-TV. Please see Attachment 71.
	Amount:	\$83,434.80
	Component Description:	Cut Line Sections. Please see Attachment 6A Line 5. Cost split equally with KYW- TV.
	Amount:	\$7,365.00
	Component Description:	Cut Line Sections. Please see Attachment 6A Line 5 and Attachment 73. Cost split equally
	Amount:	with KYW-TV. \$1,757.00
Rigid Transmission Line -		
ооррог, о ол го	Component Description:	For some KYW-TV cut transmission line sections. Excludes 90% deposit. Please see Statement in Attachment 158 for quote and details.
	Amount:	\$464.80

Component Description: Transmission line

45% down payment. See Attachment 5A for quotation and Attachment 25 for further info.

**Amount:** \$145,358.21

**Component Description:** For some KYW-TV

cut transmission line sections. Excludes 90% deposit. Please see Statement in Attachment 159 for quote and details.

\$232.40

Amount:

**Component Description:** 

line sections and primary antenna hardware (nuts, bolts, etc.), and revised drawings. This cost is for primary cut line sections.

Invoice is for Cut

**Amount:** \$1,725.00

Component Description: For some KYW-TV

cut transmission line sections, excluding 90% deposit. Please see Statement in Attachment 160A for quote and

details.

**Amount:** \$232.40

Component Description: Sweep testing

45% progress payment. See Attachment 5A for quotation and Attachment 25 for further info.

**Amount:** \$145,358.21

**Component Description:** For some KYW-TV

cut transmission line sections. Excludes 90% deposit. Please see Statement in Attachment 154 for quote and details.

\$464.80

Component Description: For Most of KYW-

Amount:

TV transmission line. Excludes 90% deposit. Please see Statement in Attachment 152 for quote and

details.

**Amount:** \$30,675.03

Component Description: For some KYW-TV

cut transmission line sections. Excludes 90% deposit. Please see Statement in Attachment 153 for quote and

details.

**Amount:** \$232.40

### **Cost Information**

### **Tower Equipment and Rigging Costs**

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cos
Auxiliary Tower TOWER	\$686,800.00	\$420,962.37		\$199,515.87	
Tall Tower (greater than 500')	\$210,500.00	\$179,462.37	50% of Antenna and Line Rigging quote (Attachment 28) plus 50% of Tower Ice Bridge quote (Attachment 31) Half of cost is shared with WPSG (TV).	\$154,462.37	N/A
Major tower reinforcement /modifications	\$421,000.00	\$200,000.00	50% of Widelity Cost Catalog pricing. Half of cost is shared with WPSG (TV).	\$28,228.50	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$12,500.00	50% of Widelity Cost Catalog pricing. Half of cost is shared with WPSG (TV).	\$3,950.00	N/A

Structural	\$29,000.00	\$29,000.00	Structural	\$12,875.00	N/A
Engineering			studies of		
Interim Tower			various		
			antenna and		
			transmission		
			line		
			configuration		
			options on		
			interim tower.		
			Please see		
			Attachments		
			94 and 97 for		
			quotations.		
			Cost split 50		
			/50 with		
			WPSG.		
Primary Tower TOWER	\$460,925.00	\$626,712.50	WPSG.	\$469,762.50	
TOWER	·				asdf
TOWER Structural	\$460,925.00 \$9,625.00	<b>\$626,712.50</b> \$9,625.00	Structural	<b>\$469,762.50</b> \$9,625.00	asdf
TOWER	·		Structural analysis of		asdf
TOWER Structural	·		Structural analysis of proposed		asdf
TOWER Structural	·		Structural analysis of proposed changes to		asdf
TOWER Structural	·		Structural analysis of proposed changes to primary tower.		asdf
TOWER Structural	·		Structural analysis of proposed changes to primary tower. Please see		asdf
TOWER Structural	·		Structural analysis of proposed changes to primary tower. Please see Attachments		asdf
TOWER Structural	·		Structural analysis of proposed changes to primary tower. Please see Attachments 119 (\$8,500),		asdf
TOWER Structural	·		Structural analysis of proposed changes to primary tower. Please see Attachments 119 (\$8,500), 141 (\$1,250),		asdf
TOWER Structural	·		Structural analysis of proposed changes to primary tower. Please see Attachments 119 (\$8,500), 141 (\$1,250), and 143		asdf
TOWER Structural	·		Structural analysis of proposed changes to primary tower. Please see Attachments 119 (\$8,500), 141 (\$1,250), and 143 (\$9,500) for		asdf
TOWER Structural	·		Structural analysis of proposed changes to primary tower. Please see Attachments 119 (\$8,500), 141 (\$1,250), and 143 (\$9,500) for quotations. All		asdf
TOWER Structural	·		Structural analysis of proposed changes to primary tower. Please see Attachments 119 (\$8,500), 141 (\$1,250), and 143 (\$9,500) for		asdf

Complex Tower	\$421,000.00	\$600,587.50	Please see quotes in	\$447,387.50	N/A
(includes, for example,			Attachments 58 (\$728,500)		
those with			and 111		
candelabras			(\$302,675)		
and/or			minus a		
stacked			\$60,000 credit		
antennas)			from		
			Attachment		
			110 all split 50		
			/50 with		
			WPSG for		
			\$485,587.50.		
			Plus \$115,000		
			in Attachment		
			60 (not split with WPSG)		
			for		
			\$600,587.50.		
Gin Pole	\$4,000.00	\$4,000.00	Gin Pole	\$4,000.00	N/A
Engineering			Engineering.		
			Please see		
			Attachment		
			114 for quote.		
			Cost split 50		
			/50 with		
			WPSG.		
	\$26,300.00	\$12,500.00	50% of	\$8,750.00	N/A
	\$26,300.00	\$12,500.00	Widelity Cost	\$8,750.00	N/A
mapping for an	\$26,300.00	\$12,500.00	Widelity Cost Catalog	\$8,750.00	N/A
mapping for an undocumented	\$26,300.00	\$12,500.00	Widelity Cost Catalog pricing. Half of	\$8,750.00	N/A
mapping for an undocumented /poorly	\$26,300.00	\$12,500.00	Widelity Cost Catalog pricing. Half of cost is shared	\$8,750.00	N/A
mapping for an undocumented /poorly documented	\$26,300.00	\$12,500.00	Widelity Cost Catalog pricing. Half of cost is shared with WPSG	\$8,750.00	N/A
mapping for an undocumented /poorly documented tower and	\$26,300.00	\$12,500.00	Widelity Cost Catalog pricing. Half of cost is shared with WPSG (TV) Facility	\$8,750.00	N/A
mapping for an undocumented /poorly documented tower and preparation of	\$26,300.00	\$12,500.00	Widelity Cost Catalog pricing. Half of cost is shared with WPSG (TV) Facility ID 12499. This	\$8,750.00	N/A
mapping for an undocumented /poorly documented tower and preparation of documentation	\$26,300.00	\$12,500.00	Widelity Cost Catalog pricing. Half of cost is shared with WPSG (TV) Facility	\$8,750.00	N/A
mapping for an undocumented /poorly documented tower and preparation of documentation necessary for	\$26,300.00	\$12,500.00	Widelity Cost Catalog pricing. Half of cost is shared with WPSG (TV) Facility ID 12499. This cost increased	\$8,750.00	N/A
mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load	\$26,300.00	\$12,500.00	Widelity Cost Catalog pricing. Half of cost is shared with WPSG (TV) Facility ID 12499. This cost increased because	\$8,750.00	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$12,500.00	Widelity Cost Catalog pricing. Half of cost is shared with WPSG (TV) Facility ID 12499. This cost increased because actual tower	\$8,750.00	N/A
mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load	\$26,300.00	\$12,500.00	Widelity Cost Catalog pricing. Half of cost is shared with WPSG (TV) Facility ID 12499. This cost increased because actual tower documentation	\$8,750.00	N/A
mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load	\$26,300.00	\$12,500.00	Widelity Cost Catalog pricing. Half of cost is shared with WPSG (TV) Facility ID 12499. This cost increased because actual tower documentation was found to	\$8,750.00	N/A
mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load	\$26,300.00	\$12,500.00	Widelity Cost Catalog pricing. Half of cost is shared with WPSG (TV) Facility ID 12499. This cost increased because actual tower documentation was found to be less	\$8,750.00	N/A
mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load	\$26,300.00	\$12,500.00	Widelity Cost Catalog pricing. Half of cost is shared with WPSG (TV) Facility ID 12499. This cost increased because actual tower documentation was found to be less accurate than	\$8,750.00	N/A

Total for all	\$9,620,834.38	\$6,523,493.07	N/A	\$5,820,330.70	N/A
systems					

Actual Information Description	File Name	
Tall Tower (greater than 500')		
300)	Component Description:	Initial payment to Install ice bridge. Cost is shared 50 /50 (Fractional Cents Rounded Down) with WPSG (TV).
	Amount:	\$26,842.37
	Component Description:	Final costs to Install antenna, line, and assist with tuning. Cost is shared 50/50 with WPSG(TV).
	Amount:	\$52,275.00
	Component Description:	Down payment costs to Install antenna, line, and assist with tuning. Cost is shared 50 /50 with WPSG (TV).
	Amount:	\$52,275.00
	Component Description:	Progress payment to Install ice bridge. Cost is shared 50 /50 with WPSG (TV).
	Amount:	(1V). \$23,070.00

Major tower reinforcement /modifications	Component Description:	Remove 3-Inch line from tower. Cost shared 50% with WPSG. Please see quote in Attachment 54.
	Amount:	\$21,300.00
	Component Description:	Install Interim Ice Bridge Grounding. Please see quote in Attachment 56. Cost shared 50% with WPSG.
	Amount:	\$6,928.50
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	Component Description:	Invoice is for a 50% Down payment. Because this expense is shared with WPSG (TV) Facility ID
		12499, KYW-TV seeks reimbursement for only half of the Total Invoice

Amount:

Amount. \$3,950.00 Structural Engineering Interim Tower

Component Description: Tower extension

structural analysis.

Cost split 50/50 with WPSG.

**Amount:** \$9,875.00

Component Description: Structural analysis

- Batwing. Cost split 50/50 with

WPSG.

**Amount:** \$3,000.00

Structural Analysis

Component Description: Structural Analysis

of final loading configuration on tower. See quote in Attachment 119. Cost split 50/50 with WPSG.

**Amount:** \$2,125.00

Component Description: Structural

Engineering. Cost split 50/50 with WPSG. Please see Attachment 143 for

proposal.

**Amount:** \$4,750.00

Component Description: Structural

Engineering. Cost split 50/50 with WPSG. Please see Attachment 141 for

proposal.

**Amount:** \$625.00

Component Description: Primary tower

structural

engineering. Cost split 50/50 with WPSG. Please see Attachment 119 for

quotation.

**Amount:** \$2,125.00

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

Component Description: Down payment for

antenna and TX line installation.
Cost shared 50/50

with WPSG. Please see

Attachment 58 for

quote.

**Amount:** \$36,425.00

**Component Description:** Final 50% for

additional cost of

heavy duty helicopter. This cost is KYW-TVs alone, and not shared. Please see Attachment 60 for

quote.

**Amount:** \$57,500.00

Component Description: Deposit for Heavy

Duty Helicopter Installation following failed helicopter lift. Please see

Attachment 111 for quote. Cost shared 50/50 with WPSG

(TV).

**Amount:** \$81,750.00

Component Description: Balance Due for

Heavy Duty Helicopter Installation following failed helicopter lift. Please see

Attachment 111 for quote. Cost shared 50/50 with WPSG

(TV).

**Amount:** \$69,587.50

Component Description: Main Antenna and

TX line installation Down Payment. Cost shared 50/50

with WPSG. Please see

Attachment 58 for

quote.

**Amount:** \$137,125.00

**Component Description:** Initial 50% for

additional cost of heavy duty helicopter. This cost is KYW-TVs alone, and not shared. Please see

Attachment 60 for

quote.

**Amount:** \$57,500.00

Component Description: Main Antenna and

TX line installation
Balance Due. Cost
shared 50/50 with
WPSG. Please see
Attachment 58 for
quote. Credit given
for failed helicopter

lift.

**Amount:** \$7,500.00

Gin Pole Engineering		
	Component Description:	Gin Pole
		Engineering.
		Please see
		Attachment 114 for
		quote. Cost shared
		50/50 with WPSG.
	Amount:	\$4,000.00
		• ,
Tower mapping for an		
undocumented/poorly	Component Description:	Invoice is for a
documented tower and	Component Description.	50% final payment.
preparation of		Because this
documentation necessary		expense is shared
for tower load study		
		with WPSG(TV)
		Facility ID 12499, KYW-TV seeks
		reimbursement for
		only half of the Total Invoice
	Amount:	Amount.
	Amount.	\$4,375.00
	Component Description:	Invoice is for a
		50% Down
		payment. Because
		this expense is
		shared with WPSG
		(TV) Facility ID
		12499, KYW-TV
		seeks
		reimbursement for
		only half of the
		Total Invoice
		Amount.
	Amount:	\$4,375.00

### **Cost Information**

#### **Outside Professional Services**

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$111,385.00	\$107,900.00		\$53,237.50	
Project management of the transition	\$39,500.00	\$37,500.00	Company lacks sufficient internal resources.	N/A	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$937.50	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,400.00	N/A

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	N/A	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
Transmitter Engineering	\$50,900.00	\$50,900.00	Transmitter Installation Electrical Engineering. Please see Attachment 83 for estimate.	\$50,900.00	N/A
Sub-total	\$111,385.00	\$107,900.00	N/A	\$53,237.50	N/A
Total for all systems	\$9,620,834.38	\$6,523,493.07	N/A	\$5,820,330.70	N/A

Actual Information Description	File Name
Project management of the transition	Information not provided.
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.

for new channel assignment and antenna development	Component Description: Amount:	Preliminary interference study. \$937.50
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description:  Amount:	Prepare FCC Form 2100 CP Application, Engineering Section. \$1,400.00
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Prepare request for Special Temporary Authorization	Information not provided.	
Attorney Fees - Negotiation of lease and other matters for shared locations	Information not provided.	
Transmitter Engineering	Component Description:  Amount:	Interim Transmitter Installation Engineering Design. Progress Payment. Split 50 /50 with WPSG. \$5,090.00
	Component Description:	Interim Transmitter Installation Engineering Design. Progress

Component Description: Interim

Transmitter
Installation
Engineering
Design. Progress
Payment. Split 50
/50 with WPSG.

**Amount:** \$7,635.00

Component Description: Interim

Transmitter
Installation
Engineering
Design. Progress
Payment. Split 50

/50 with WPSG.

**Amount:** \$12,725.00

Component Description: Interim

Transmitter
Installation
Engineering
Design. Progress
Payment. Split 50
/50 with WPSG.

**Amount:** \$4,581.00

Component Description: Interim

Transmitter
Installation
Engineering
Design. Progress
Payment. Split 50
/50 with WPSG.

**Amount:** \$13,234.00

# **Cost Information**

#### **Other Expenses**

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost
Other Expenses	\$1,284,871.92	\$1,280,939.42		\$1,244,173.51	
Equipment Delivery and Handling Charges	\$100,879.52	\$100,879.52	Based on actual costs. Please see Attachments	\$100,879.52	Sub-total equals estimate.
DTV Medical Facility Notification	\$11,550.00	\$7,012.50	See Attachments 26 and 163. Due to construction delays, a second (but discounted) health care notification was required.	\$7,012.00	N/A

Main TX Building Const Admin	\$29,400.00	\$29,400.00	Main Building Construction Administration and Management (Fixed Fee). Please see Proposal provided as Attachment 126. Cost shared 50/50 with WPSG.	\$28,665.00	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$335.00	N/A	\$335.00	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$800.00	FCC Application Processing Fee for STAs is \$200. We filed an initial application plus four renewals for a total of 4 fees.	\$800.00	N/A
Local Zoning	\$5,000.00	\$5,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$20,000.00	\$20,000.00	N/A	N/A	N/A
MVPD Notification of Channel Change	\$1,000.00	\$1,000.00	N/A	N/A	N/A

FCC Filing	\$0.00	\$0.00	See FCC	\$0.00	N/A
Fee - STL			Wireless		
			Bureau Fee		
			Filing Guide		
			(Attachment		
			16 page 19).		
			We were		
			instructed by		
			the Repack		
			Administrator		
			to move 100%		
			of this cost to		
			repack station		
			WPSG so		
			\$0.00 is being		
			requested for		
			KYW-TV.		
Interim Bldg.	\$2,895.00	\$2,895.00	Please see	\$2,895.00	N/A
Asbestos			quote in		
Removal			Attachment		
			61. Cost		
			shared equally		
			with WPSG.		
Interim Bldg.	\$42,456.50	\$42,456.50	Please see	\$42,414.14	N/A
Contingency			proposal		
			Attachment		
			14. Costs will		
			be split 50/50		
			with WPSG.		
			We will only		
			seek		
			reimbursement		
			for actual		
			costs, which		
			will be		
			itemized.		

Interim Bldg. Electrical Contractor	\$449,270.50	\$449,270.50	Interim Building Electrical Contractor. See Attachment 14. Site is to be used by KYW-TV and WPSG so only half of the quoted cost is	\$449,270.48	N/A
Interim Bldg. Fire Detection	\$75,240.00	\$75,240.00	Interim Building Fire Detection and Suppression System. See Attachment 14. Site is to be used by KYW-TV and WPSG so only half of the quoted cost is shown here.	\$75,240.00	N/A
Interim Bldg. GC and Mech. Contractor	\$324,617.50	\$324,617.50	Interim Building General Contractor and Mechanical Subcontractor. See Attachment 14. Site is to be used by KYW-TV and WPSG so only half of the quoted cost is shown here.	\$324,617.48	N/A
Interim Site Generator	\$146,965.50	\$146,965.50	Interim Site Generator. Please see proposal provided as Attachment 90.	\$146,965.49	N/A

STL to	\$0.00	\$0.00	STL	\$0.00	N/A
Interim Site			equipment,		
			including		
			transmitters,		
			receivers,		
			antennas,		
			waveguide,		
			and frequency		
			coordination.		
			See		
			Attachments		
			29 and 31. We		
			were		
			instructed by		
			the Repack		
			Administrator		
			to move 100%		
			of this cost to		
			WPSG so		
			\$0.00 is being		
			requested		
			here.		
Temp	\$22,493.00	\$22,493.00	Temporary	\$22,493.00	N/A
Roadway 1			Roadway		
			Required for		
			Ice Bridge		
			Construction		
			at Interim		
			at Interim Tower. Please		
			Tower. Please		
			Tower. Please see quote in		
			Tower. Please see quote in Attachment		

Temp	\$9,988.00	\$9,988.00	Temporary	N/A	N/A
Roadway 2			Roadway 2 -		
			Required for		
			delivery of		
			long antennas		
			onto property		
			to avoid sharp		
			turn onto		
			existing		
			access		
			roadway. Cost		
			split 50/50 with		
			WPSG.		
			Please see		
			Attachment		
			104.		
Drain Refill	\$3,336.40	\$3,336.40	Please see	\$3,336.40	N/A
Glycol			Attachment		
·			123 for		
			quotation.		
Main	\$39,250.00	\$39,250.00	Main	\$39,250.00	N/A
Building	. ,		transmitter		
MEP Design			building		
· ·			Mechanical		
			and Electrical		
			Design.		
			Please see		
			quote provided		
			as Attachment		
			126. Cost split		
			50/50 with		
			WPSG.		
Sub-total	\$1,284,871.92	\$1,280,939.42	N/A	\$1,244,173.51	N/A
Total for all systems	\$9,620,834.38	\$6,523,493.07	N/A	\$5,820,330.70	N/A

Actual Information Description	File Name
Equipment Delivery and Handling Charges	

Component Description: Invoice is split 50

/50 with WPSG.

Please see

Attachment 167 for

details.

**Amount:** \$1,856.65

Component Description: Freight, Shipping,

and Storage. Please see

Attachment 157A for Statement and storage proposal.

**Amount:** \$36,454.32

Component Description: Freight and

Shipping. Please see Attachment

156A for

Statement and Line Number reference.

**Amount:** \$1,847.17

Component Description: Freight and

Shipping. Please see Attachment

161A for

Statement and Line Number reference.

**Amount:** \$5,959.32

Component Description: Transmitter

shipping. Please see Attachment 82.

**Amount:** \$24,212.53

Component Description: Invoice is for nuts

required for the wedding cake adapter plus

freight. This cost is for the freight alone. Please see Attachment 169 for

details.

**Amount:** \$236.66

Component Description: Freight for Interim

Transmission Line cut line sections.
Cost shared equally with KYW-

TV. Please see Attachment 71.

**Amount:** \$7,235.51

**Component Description:** Freight for Interim

Transmission Line cut line sections.
Cost shared equally with KYW-TV. Please see

Attachment 71.

**Amount:** \$1,829.90

Component Description: Freight and

Shipping. Please see Attachment

155A for

Statement and Line Number reference.

**Amount:** \$3,046.44

Component Description: Interim Antenna,

Elbow Complex, Line Freight. Please see Attachment 71.

**Amount:** \$3,003.75

Component Description: Freight and

Shipping. Please see Attachment

160A for

Statement and Line Number reference.

**Amount:** \$1,912.50

Component Description: Freight for Interim

Transmission Line cut line sections.
Cost shared equally with

WPSG. Please see

Attachment 71.

**Amount:** \$641.61

Component Description: Interim transmitter

shipping based on actual cost. Please see Attachment 44.

**Amount:** \$12,643.16

### DTV Medical Facility Notification

Component Description: A second

notification to nearby healthcare facilities - due to unanticipated construction delays. See

Attachment 163 for

quotation.

**Amount:** \$2,337.00

Component Description: Required

notification to nearby healthcare facilities. See Attachment 27.

**Amount:** \$4,675.00

## Main TX Building Const Admin

Component Description: Invoice is for main

transmitter building

General

Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for admin. Site used by KYW-TV and WPSG so 50% of cost is shown here.

**Amount:** \$7,350.00

Component Description: Invoice is for main

transmitter building

General

Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for admin. Site used by KYW-TV and WPSG so 50% of cost is shown here.

**Amount:** \$735.00

Component Description: Invoice is for main

transmitter building

General

Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for admin. Design cost listed separately. Site used by KYW-TV and WPSG so 50% of cost is shown here.

**Amount:** \$7,350.00

Component Description: Invoice is for main

transmitter building

General

Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for admin. Site used by KYW-TV and WPSG so 50% of cost is shown here.

Amount:

Component Description: Invoice is for main

transmitter building

General

\$2,940.00

Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for admin. Site used by KYW-TV and WPSG so 50% of cost is shown here.

**Amount:** \$5,880.00

Component Description: Invoice is for main

transmitter building

General

Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for admin. Site used by KYW-TV and WPSG so 50% of cost is shown here.

**Amount:** \$4,410.00

FCC Filing Fees - Form 2100 license to cover	Common and Books in the second	Drives v. Automos
application	Component Description:	Primary Antenna License
		Application
		Processing Fee
	Amount:	\$335.00
	7 till dalla.	4000.00
FCC Filing Fees - Special		
Temporary Authorization	Component Description:	STA First
request		Extension
		Application
		Processing Fee
	Amount:	\$200.00
		07. 2
	Component Description:	STA Second
		Extension
		Application
	Amount:	Processing Fee \$200.00
	Amount.	φ200.00
	Component Description:	STA Third
		Extension
		Application
		Processing Fee
	Amount:	\$200.00
	Common and Books in the second	OTA Initial
	Component Description:	STA Initial
		Application
	Amount:	Processing Fee \$200.00
	Amount.	ψ200.00
Local Zoning	Information not provided.	
Disposal Costs (for	Information not provided.	
equipment and other waste, net of any salvage value)		
MVPD Notification of	Information not provided.	
Channel Change	'	

FCC Filing Fee - STL		
	Component Description:	Invoice is for FCC License Application for studio transmitter link. We were instructed by the Repack Administrator to move 100% of this cost to repack station WPSG so \$0.00 is being requested for KYW- TV.
	Amount:	N/A
Interim Bldg. Asbestos Removal	Component Description:	Asbestos removal. Cost shared equally with WPSG. Please see quotation Attachment 61.
	Amount:	\$2,895.00
Interim Bldg. Contingency		
	Component Description:	Invoice is for interim building General Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for Misc Costs from contractors. Site used by KYW-TV
		and WPSG so 50% of cost is shown here.

Invoice is for interim building

General

Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for Misc Costs from contractors. Site used by KYW-TV and WPSG so 50% of cost is shown here.

Amount:

Component Description: Invoice is for

interim building

General

\$2,904.00

Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for Misc Costs from contractors. Site

used by KYW-TV and WPSG so 50% of cost is shown here.

Amount:

\$3,114.90

Invoice is for interim building

General

Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for Misc Costs from contractors. Site used by KYW-TV and WPSG so 50% of cost is shown here.

**Amount:** \$7,567.50

**Component Description:** 

Invoice is for

interim building

General

Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for Misc Costs from

contractors. Site used by KYW-TV and WPSG so 50% of cost is shown here.

**Amount:** \$4,307.50

Invoice is for interim building

General

Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for Misc Costs from contractors. Site used by KYW-TV and WPSG so 50% of cost is shown here.

Amount:

\$13,430.50

**Component Description:** 

Invoice is for

interim building

General

Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for Misc Costs from contractors. Site used by KYW-TV and WPSG so 50% of cost is

**Amount:** \$9,395.74

Interim Bldg. Electrical Contractor

Invoice is for interim building

General

Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This

cost is Elec contractor. Site used by KYW-TV and WPSG so 50% of cost is shown here.

**Amount:** \$22,463.52

**Component Description:** 

Invoice is for interim building

General

Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This

cost is Elec contractor. Site used by KYW-TV and WPSG so 50% of cost is shown here.

**Amount:** \$112,317.62

Invoice is for interim building

General

Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This

cost is Elec contractor. Site used by KYW-TV and WPSG so 50% of cost is shown here.

**Amount:** \$112,317.62

**Component Description:** 

Invoice is for interim building

General

Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This

cost is Elec contractor. Site used by KYW-TV and WPSG so 50% of cost is shown here.

**Amount:** \$22,463.52

Invoice is down payment for building General Contractor, Mech subcontractor, Elec Contractor, and Fire Detection and Suppression. This cost is Elec.
Contractor. Site used by KYW-TV and WPSG so 50% of the quoted cost is shown here.

**Amount:** \$179,708.20

Interim Bldg. Fire Detection

Component Description: Invoice is for

interim building

General

Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for Fire Detection contractor. Site used by KYW-TV and WPSG so 50% of cost is shown here.

**Amount:** \$3,762.00

Invoice is for interim building

General

Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for Fire Detection contractor. Site used by KYW-TV and WPSG so 50% of cost is shown here.

**Amount:** \$18,810.00

**Component Description:** 

Invoice is for

interim building

General

Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for Fire Detection

contractor. Site used by KYW-TV and WPSG so 50% of cost is shown here. \$18,810.00

Amount:

Component Description: Invoice is down

payment for building General Contractor, Mech subcontractor, Elec Contractor, and Fire Detection and Suppression. This

cost is Fire
Detection and
Suppression. Site
used by KYW-TV
and WPSG so
50% of the quoted
cost is shown here.

**Amount:** \$30,096.00

Component Description: Invoice is for

interim building

General

Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for Fire Detection contractor. Site used by KYW-TV and WPSG so

50% of cost is shown here. \$3,762.00

Interim Bldg. GC and Mech. Contractor

Amount:

Component Description: Invoice is for

interim building

General

Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for GC and Mech contractor. Site used by KYW-TV and WPSG so 50% of cost is shown here.

**Amount:** \$16,230.87

Component Description: Invoice is for

interim building

General

Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for GC and Mech contractor. Site used by KYW-TV and WPSG so 50% of cost is shown here.

**Amount:** \$81,154.37

Component Description: Invoice is for

interim building

General

Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for GC and Mech contractor. Site used by KYW-TV and WPSG so 50% of cost is shown here.

**Amount:** \$81,154.37

**Component Description:** 

Invoice is for interim building

General

Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for GC and Mech contractor. Site used by KYW-TV and WPSG so 50% of cost is shown here.

**Amount:** \$16,230.87

Component Description: Invoice is down

payment for building General Contractor, Mech subcontractor, Elec Contractor, and Fire Detection and Suppression. This cost is GC and Mech Contractor. Site used by KYW-TV and WPSG so 50% of the quoted cost is shown here.

**Amount:** \$129,847.00

Interim Site Generator

Component Description: Interim Transmitter

Generator. Cost split 50/50 with

WPSG.

**Amount:** \$51,437.92

Component Description: Interim Transmitter

Generator. Cost split 50/50 with

WPSG.

**Amount:** \$66,134.47

Component Description: Interim Transmitter

Generator. Cost split 50/50 with

WPSG.

**Amount:** \$29,393.10

STL to Interim Site		
	Component Description:	Invoice is for
		frequency
		coordination of
		studio transmitter
		link. We were
		instructed by the
		Repack
		Administrator to
		move 100% of this
		cost to repack
		station WPSG so
		\$0.00 is being
		requested for KYW-
		TV.
	Amount:	N/A
Temp Roadway 1		
	Component Description:	Temporary
		Roadway. Please
		see Attachment 99
		for quote. Cost
		split 50/50 with
		WPSG.
	Amount:	\$22,493.00
	Amount.	Ψ22,400.00
Temp Roadway 2	Information not provided.	
Drain Refill Glycol		
	Component Description:	Drain and refill
		glycol. Please see
		Attachment 123 for
		quote.
	Amount:	\$3,336.40
Main Building MEP Design		

Component Description: Invoice is for main

transmitter building

General

Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for design. Site used by KYW-TV and WPSG so 50% of cost is shown here.

**Amount:** \$15,700.00

Component Description: Invoice is for main

transmitter building

General

Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for design. Admin cost listed separately. Site used by KYW-TV and WPSG so 50% of cost is shown here.

**Amount:** \$3,925.00

Component Description: Invoice is for main

transmitter building

General

Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for design. Site used by KYW-TV and WPSG so

50% of cost is shown here.

**Amount:** \$19,625.00

# Cost Information

## **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$9,620,834.38	\$6,523,493.07	\$5,820,330.70

Reimbursem	enrestiatus	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

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 abovenamed applicant for the Authorization(s) specified above. Andrew J Siegel Assistant Secretary

03/01/2021

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.
- The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.
- 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 abovenamed applicant for the Authorization(s) specified above. Andrew J Siegel Assistant Secretary

03/01/2021

#### **Attachments**