

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility	25453	Service: DTV	Call	ΚΥ₩-Τ٧	Channel: 30 (UHF)
ID:	1		Sign:		
File 0000027398					
Number:					
FRN: 00	03482189	Date	01/22		
		Submitted:	/2021		

Applicant Name, Type, and Contact Information

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	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	Question	Response
Information and Transition Plan	Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	Yes
	Briefly describe transition plan	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	Existing Transmitter Information				
Transmitter	Section	Question	Response		
	Existing Transmitter Description	Type of change	Purchase New		
		Use	Primary (Main)		
		Description of Use	N/A		
		Ownership	Owned		
		Owner	N/A		
		Site	N/A		
		Is this transmitter currently shared with another station?	No		
		Is this transmitter currently in operating condition?	Yes		
	Existing Transmitter Manufacturer and Type	Manufacturer			
		Model	Sigma CD200P2		
		Year	1999		
		Туре	Inductive Output Tube		
		IOT Power Type	Two		
		Power Capacity	50 kW		

Existing Transmitter Information

Primary	New Transmitter Costs				
Transmitter	Section	Question	Response		
	New Transmitter	Use	Primary (Main)		
		Change Type	Purchase New		
		Is this a request for upgraded equipment?	Yes		
		Manufacturer			
		Model	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	New Transmitter Costs				
Transmitter	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	Other Transmitter Costs			
Transmitter	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	
			1	

	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 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 Rela	ated Expenses	Do you have antenna related expenses?	Yes

Primary	Existing Antenna Information			
Antenna	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	Class	Full Power	
	Manufacturer and Type	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

Primary	New Antenna Costs				
Antenna	Section	Question	Response		
	New Antenna	Use	Primary (Main)		
	Description	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 Manufacturer and Types	Class	Full Power		
		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 canno
	be retuned.
	Quote revised
	to improve
	pattern after
	accommodatin
	top-mount
	WPSG(TV)
	Philadelphia.
	See
	Attachment 25

Other Antenna Costs

Primary Antenna

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
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Primary Other Antenna Cost Not Listed

Antenna Information not provided.

Antenna position in stackNot in StackPolarizationEllipticalTypeSlotted CoaxialNumber of Stations SupportedN/ANumber of Panels/BaysN/ALower LimitN/AUpper LimitN/ADesign power capacity in useN/AOther Antenna TypeN/AERP: (Effective Radiated Power)420.0 kWManufacturerI	Interim	New Antenna Costs			
Description of Use N/A Change Type Purchase New Ownership Owner Is antenna shared? NA Is antenna directional? Yes Will antenna blocated on or in close proximity to an antenna farm? Yes Mounting Side Mount Antenna position in stack Not in Stack Polarization Sloted Type Slotted Number of Stations Supported NA Upper Limit NA Other Antenna Type NA Rumber of Stations Supported NA Isone of Stations Type NA Isone of Stations Supported NA Isone of Stations Type NA Isone of Stations Type NA Isone of Stations Iso	Antenna	Section	Question	Response	
New Antenna Class No New Antenna Class Full Power Manufacturer and Type Class Full Power Not in Station Side Mount Antenna position in stack Not in Station Parena Side Mount Antenna position in stack Not in Station Polarization Elliptical Type Side Mount Involver of Stations Supported NA Number of Stations Supported NA Involver Limit NA Inper Limit NA Other Antenna Type NA Rever Class NA Manufacturer NA Namber of Stations Supported NA NA Na Inder of Panels/Bays NA Indeling Inderen NA		New Antenna Description	Use	Interim	
New New Ownership Owned Owner NA Is antenna shared? No Is antenna directional? Yes Will antenna be located on or in close proximity to an antenna farm? Ful Power New Antenna Manufacturer and Type Class Ful Power Not in Stack Not in Stack Not in Stack Polarization Solted Coaxial Coaxial Type Solted Coaxial NA Lower Limit NA NA Upper Limit NA NA Design power capacity in use NA NA Quiter Antenna Type NA NA Manufacturer NA Manufacturer Manufacturer Manufacturer			Description of Use	N/A	
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 Manufacturer and Type Class Full Power Mounting Side Mount Antenna position in stack Not in Stack Polarization Elliptical Type Slotted Coaxial Number of Stations Supported N/A Upper Limit N/A Other Antenna Type N/A ERP: (Effective Radiated Power) 420.0 kW Manufacturer Mountacturer			Change Type		
Is antenna shared? No Is antenna directional? Yes Will antenna be located on or in close proximity to an antenna farm? Yes New Antenna Manufacturer and Type Class Full Power Mounting Side Mount Antenna position in stack Not in Stack Polarization Slotted Coaxial Type Slotted Coaxial Number of Panels/Bays N/A N/A Lower Limit N/A N/A Design power capacity in use N/A N/A ERP: (Effective Radiated Power) 420.0 kW Manufacturer Manufacturer MO Typ-24WB			Ownership	Owned	
Is antenna directional? Yes Will antenna be located on or in close proximity to an antenna farm? Yes New Antenna Manufacturer and Type Class Full Power Manufacturer and Type Mounting Side Mount Antenna position in stack Not in Stack Polarization Elliptical Type Slotted Coaxial N/A Isomer of Stations Supported N/A Icover Limit N/A Design power capacity in use N/A ERP: (Effective Radiated Power) 420.0 kW Manufacturer Mounting Mounting Type Other Antenna Type N/A ERP: (Effective Radiated Power) 420.0 kW Manufacturer Mounting			Owner	N/A	
Will antenna be located on or in close proximity to an antenna farm? Yes New Antenna Manufacturer and Type Class Full Power Mounting Side Mount Antenna position in stack Not in Stack Polarization Elliptical Type Slotted Number of Stations Supported N/A Lower Limit N/A Design power capacity in use N/A Cher Antenna Type N/A ERP: (Effective Radiated Power) 420.0 kW Manufacturer Mounfacturer			Is antenna shared?	No	
proximity to an antenna farm? Full Power New Antenna Manufacturer and Type Class Full Power Mounting Side Mount Antenna position in stack Not in Stack Polarization Elliptical Type Slotted Coaxial Number of Stations Supported N/A Lower Limit N/A Upper Limit N/A Other Antenna Type N/A ERP: (Effective Radiated Power) 420.0 kW Manufacturer Tu-24WB			Is antenna directional?	Yes	
Manufacturer and Type Mounting Side Mount Mounting Antenna position in stack Not in Stack Polarization Elliptical Type Slotted Number of Stations Supported N/A Iver Limit N/A Other Antenna Type N/A ERP: (Effective Radiated Power) 420.0 kW Mounfacturer TTU-24WB				Yes	
MountingSide MountAntenna position in stackNot in StackPolarizationEllipticalTypeSlotted CoaxialNumber of Stations SupportedN/ANumber of Panels/BaysN/ALower LimitN/AUpper LimitN/ADesign power capacity in useN/AERP: (Effective Radiated Power)420.0 kWManufacturerTFU-24WB			Class	Full Power	
PolarizationEllipticalTypeSlotted CoaxialNumber of Stations SupportedN/ANumber of Panels/BaysN/ALower LimitN/AUpper LimitN/ADesign power capacity in useN/AOther Antenna TypeN/AERP: (Effective Radiated Power)420.0 kWManufacturerTFU-24WB			Mounting	Side Mount	
TypeSlotted CoaxialNumber of Stations SupportedN/ANumber of Panels/BaysN/ALower LimitN/AUpper LimitN/ADesign power capacity in useN/AOther Antenna TypeN/AERP: (Effective Radiated Power)420.0 kWManufacturerTFU-24WB			Antenna position in stack	Not in Stack	
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			Polarization	Elliptical	
Number of Panels/BaysN/ALower LimitN/AUpper LimitN/ADesign power capacity in useN/AOther Antenna TypeN/AERP: (Effective Radiated Power)420.0 kWManufacturerTFU-24WB			Туре		
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 TFU-24WB			Number of Stations Supported	N/A	
Upper LimitN/ADesign power capacity in useN/AOther Antenna TypeN/AERP: (Effective Radiated Power)420.0 kWManufacturerTFU-24WB			Number of Panels/Bays	N/A	
Design power capacity in useN/AOther Antenna TypeN/AERP: (Effective Radiated Power)420.0 kWManufacturerTFU-24WB			Lower Limit	N/A	
Other Antenna Type N/A ERP: (Effective Radiated Power) 420.0 kW Manufacturer TFU-24WB			Upper Limit	N/A	
ERP: (Effective Radiated Power) 420.0 kW Manufacturer 420.0 kW Model TFU-24WB			Design power capacity in use	N/A	
Manufacturer TFU-24WB			Other Antenna Type	N/A	
Model TFU-24WB			ERP: (Effective Radiated Power)	420.0 kW	
			Manufacturer		
			Model	TFU-24WB /VP C160	
Year 2019			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 Other Antenna Cost Not Listed

Antenna Information not provided.

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

ransmissio	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

Primary Existing Transmission Line

Primary	New Transmission Line			
Transmissio	n 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.	

Primary Other Transmission Line Expenses Not Listed

Other Transmission Transmission

Interim	New Transmission Line			
Transmissio	on Line Section	Question	Response	
	New Transmission Line Costs	Use	Interim	
		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

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

Auxiliary	Add Tower			
Tower	Section	Question	Response	
	Existing Tower 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	Latitude (NAD83)	40° 02' 39.0" N-	
	1983))	Longitude (NAD83)	075° 14' 25.0" W-	
		Overall Structure Height	1116.13 feet	
		Support Structure Height	1112.85 feet	
		Ground Elevation Above Mean Sea Level (AMSL)	252.29 feet	

Str	ructure Type	TOWER - Free Standing or Guyed Structure
То	wer Owner	ABC INC DBA = WPVI-TV
Da	ate 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 Modification Costs

Tower

Tower

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 Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	N/A

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	Existing Tower			
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 Registration	Do you have a tower registration number?	Yes	
		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 Modification Costs

Tower	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 Rigging Costs

Tower

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

,	Other	Tower	Expenses	Not	Listed	
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Primary Tower	Other Tower Expenses Not Listed		
	Name	Description	
	Gin Pole Engineering	Additional Engineering to Evaluate prospective Gin Pole lift.	
	Structural Analysis	Structural Analysis Primary Tower.	

Outside	Section	Question	Response
Professional	Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
		Number of Hours	250
		Explanation	Company lacks internal resources.
	Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
		Prepare engineering section of Form FCC Construction Permit Application	Yes
		For Auxiliary Facility	No
		For Main Facility	Yes
		Prepare engineering section of Form FCC License to Cover Application	Yes
		For Auxiliary Facility	No
		For Main Facility	Yes
		Prepare request for Special Temporary Authority	Yes
		Quantity	1
		Do you have Distributed Transmission System engineering services?	N/A
		Critical Facility	N/A
		Terrain-Shielded Facility	N/A
	Attorney and Other Outside Consulting	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	Other Professional Services Expenses Not Listed		
Professional	Services Costs	Description	
	Transmitter Engineering	Engineering Design Services Transmitter Replacement Project	

Other	Section	Question	Response
Expenses	AM Pattern Disturbance	Is an Impact Study needed?	No
		Is Remediation needed?	No
	Facility Expenses	Name	N/A
		Other Distributed Transmission System Expenses Not listed	N/A
		Name	N/A
		Is Notification of a Medical Facility required 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	No
		FCC Special Temporary Authority Application	No
	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 Not Listed

Other	Other Expenses Not Listed			
Expenses	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		

Transmitters

Cost Information

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

			Estimated		
Description	Predetermined Cost Estimate	Estimated Cost	Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmitter ULXTE-40	\$1,179,260.82	\$977,978.53		\$878,841.07	
Surge Suppressor	\$1,510.82	\$1,510.82	Parallel surge suppressor. Required for proper operation of interim transmitter. See Attachment 4, Item D1.	\$1,510.82	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.
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
4" Rigid Conduit and Wiring (Cost per foot)	\$5,050.00	\$4,800.00	N/A	N/A	N/A

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
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 42) and Q 83384 (Attachment 43). RF accessories, transformer, surge suppressor, and shipping listed separately.	\$783,244.71	Subtotal equals estimated cost.
UHF inside RF system including switching	\$147,500.00	\$140,000.00	N/A	\$78,062.54	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

Other	d	• · · · · · ·			
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
Primary Transmitter ULXTED-144	\$4,566,821.64	\$2,157,155.10		\$2,053,155.10	
25 Ton system	\$91,500.00	\$87,000.00	N/A	N/A	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
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-tota equals estimate cost.

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
4" Rigid Conduit and Wiring (Cost per foot)	\$10,100.00	\$9,600.00	N/A	N/A	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 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
Sub-total	\$5,746,082.46	\$3,135,133.63	N/A	\$2,931,996.17	N/A
Total for all systems	\$9,568,991.32	\$6,459,670.41	N/A	\$5,682,881.41	N/A

Components

Actual Information
Description

File Name

Surge Suppressor		
	Component Description:	Please see
		Attachment 38.
	Amount:	\$503.61
	Component Description:	Please see
		Attachment 40.
	Amount:	\$1,007.21
5 Ton system		
	Component Description:	HVAC down
		payment. Please
		see proposal in
		attachment 101.
		Cost split 50/50
	Amount:	with WPSG. \$1,990.80
	Anount.	φ1,330.00
	Component Description:	HVAC unit final
		payment. Please
		see proposal in
		attachment 101.
		Cost split 50/50
		with WPSG.
	Amount:	\$8,162.20
4" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	
Transformer 3 phase/480v -		
150 KVA	Component Description:	Please see
		Attachment 38
	Amount:	\$1,956.67
	Component Description:	Please see
		Attachment 40.
	Amount:	\$3,913.33

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: Amount:	Installation plus change orders. Please see Attachment 44 for details. \$74,730.51
	Component Description:	Invoice is for 1/3 down payment for interim transmitter. \$291,302.29
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
Other Building Addition Size: 0.0	Information not provided.	
Other Electrical Service: 100 feet each of 2-inch and 3-inch conduit.	Information not provided.	
25 Ton system	Information not provided.	

Component Description:	This invoice is the primary transmitte progress payment The amount shown here is
Amount:	progress payment The amount
Amount:	The amount
Amount:	
Amount:	snown nere is
Amount:	
Amount:	based on the ratio
Amount:	of unreimbursed
Amount:	costs times non-
Amount:	upgraded invoice
Amount:	amount. See
Amount:	Attachment 36E.
	\$1,601.03
Component Description:	Please see
	Statement in
	Attachment 37.
Amount:	Allachinient J1.

UHF - Liquid Cooled Solid State Transmitter 86.8 . 106 kW	Component Description: Amount:	Primary Transmitter Installation and change orders. Please see Attachment 82. \$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. \$677,120.06
	Component Description: Amount:	Please see Statement in Attachment 37 \$600,819.57

Transformer 3 phase/480v -		
300 KVA	Component Description:	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. \$7,944.40
	Component Description:	Please see Statement in Attachment 37.
	Amount:	\$7,049.20
4" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	
Other Electrical Service: 100 feet of 2-inch conduit and 100 feet of 3-inch conduit.	Information not provided.	
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	Component Description:	Invoice is for 1/3 down payment for main transmitter.
	Amount:	\$642,803.95
	Component Description:	CBS requests to have this cost rejected since it has been moved to the revised transmitter
		category.

Antennas

Cost Information

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	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$3,200.00	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
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

mount brackets	\$23,150.00	\$22,000.00	N/A	N/A	N/
for high					
power antennas					
(if not					
included					
in antenna					
base cost)					
UHF -	\$103,100.00	\$80,580.00	***System	\$80,580.00	N/
Lower			Notice:		
Power			Estimate		
Side			adjusted and		
Mount, One			locked because line		
Station			has been		
antenna .			superseded.		
medium			***Please		
power (50-			see		
200 kW),			Attachment		
elliptically			6A, Line 1		
or			and Line 4.		
circularly			Excludes vertical		
polarized			polarization		
			(Line 2) and		
			the custom		
			bracket (Line		
			3) that was		
			subsequently		
			canceled.		
			Cost split		
			equally with WPSG.		
			Please see		
			Attachment		
			71.		
Primary Antenna TFU-28JBH	\$311,480.00	\$413,253.00		\$371,927.70	

UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$393,270.00	Antenna requires additional structural capability to support other antenna stacked above and pattern optimization to compensate for nearby transmission line. See Attachment 5A, Line 1 (minus \$37,200 for upgraded V- Pol cost) and Attachment 25.	\$353,943.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	Please see Attachment 5A, Line 22.	\$5,760.00	N/A
Elbow complex, single channel, at antenna input, per 8 3/16. feedline (if needed)	\$15,250.00	\$13,583.00	See Attachment 5A, Line 2.	\$12,224.70	N/A
Sub-total	\$676,720.00	\$527,233.00	N/A	\$455,707.70	N/A
Total for all systems	\$9,568,991.32	\$6,459,670.41	N/A	\$5,682,881.41	N/A

Actual Information	
Description	

File Name

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 - 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.	
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 . medium power (50-200 kW), elliptically or circularly polarized	Component Description:	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

UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	Component Description: Amount:	Antenna minus V- Pol cost 45% down payment. See Attachment 5A for quotation and Attachment 25 for further info. \$176,971.50
	Component Description: Amount:	Antenna minus V- Pol cost 45% progress payment. See Attachment 5A for quotation and Attachment 25 for further info. \$176,971.50
Sweep test of existing antenna	Component Description: Amount:	Sweep testing 45% progress payment. See Attachment 5A for quotation and Attachment 25 for further info. \$2,880.00
	Component Description: Amount:	Sweep testing 45% down payment. See Attachment 5A for quotation and Attachment 25 for further info. \$2,880.00

Elbow complex, single channel, at antenna input,	Component Description:	Elbow complex
per 8 3/16. feedline (if		45% down
needed)		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

Transmission Line

Cost Information

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
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	\$323,018.25		\$290,716.42	
Rigid Transmission Line - copper, 8 3 /16"	\$468,450.00	\$323,018.25	1,350 feet of 8 3/16- inch 75 Ohm line. Please see Attachment 5A line 3 for quote. Length and cost reduced 19 Nov 2019.	\$290,716.42	N/A
Sub-total	\$654,050.00	\$415,575.05	N/A	\$383,273.22	N/A
Total for all systems	\$9,568,991.32	\$6,459,670.41	N/A	\$5,682,881.41	N/A

Actual Information Description	File Name	
Rigid Transmission Line - copper, 6 1/8" broadband	Component Description:	See Attachment 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. \$7,365.00
	Component Description: Amount:	Cut Line Sections. Please see Attachment 6A Line 5 and Attachment 73. Cost split equally with KYW-TV. \$1,757.00

Rigid Transmission Line - copper, 8 3/16"	Component Description:	Transmission line 45% down payment. See Attachment 5A for quotation and Attachment 25 for further info.
	Amount:	\$145,358.21
	Component Description:	Sweep testing 45% progress payment. See Attachment 5A for quotation and Attachment 25 for further info. \$145,358.21

Tower Equipment and Rigging Costs

Cost Information

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

			initially thought.		
			accurate than		
			was found to be less		
study			documentation		
tower load			actual tower		
necessary for			because		
documentation			cost increased		
preparation of			ID 12499. This		
tower and			(TV) Facility		
documented			with WPSG		
/poorly			cost is shared		
an undocumented			Catalog pricing. Half of		
mapping for			Widelity Cost		
Tower	\$26,300.00	\$12,500.00	50% of	\$8,750.00	N/A
			WPSG.		
			Cost split 50 /50 with		
			114 for quote.		
			Attachment		
			Please see		
Engineering			Engineering.		
Gin Pole	\$4,000.00	\$4,000.00	Gin Pole	\$4,000.00	N/A
			,		
			\$600,587.50.		
			for		
			60 (not split with WPSG)		
			in Attachment		
			Plus \$115,000		
			\$485,587.50.		
			WPSG for		
			/50 with		
			110 all split 50		
			Attachment		
antennas)			from		
stacked			\$60,000 credit		
and/or			(\$302,673) minus a		
candelabras			and 111 (\$302,675)		
example, those with			58 (\$728,500)		
			•		
Complex Tower (includes, for	\$421,000.00	\$600,587.50	Please see quotes in Attachments	\$447,387.50	N

Total for all	\$9,568,991.32	\$6,459,670.41	N/A	\$5,682,881.41	N/A
systems					

Actual Information Description	File Name	
Tall Tower (greater than 500')	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:	\$23,070.00

Major tower reinforcement /modifications	Component Description: Amount:	Install Interim Ice Bridge Grounding. Please see quote in Attachment 56. Cost shared 50% with WPSG. \$6,928.50
	Component Description:	Remove 3-Inch line from tower. Cost shared 50% with WPSG. Please see quote in Attachment 54. \$21,300.00
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. \$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
	Amount:	WPSG. \$3,000.00

Structural Analysis		
	Component Description: Amount:	Structural Engineering. Cost split 50/50 with WPSG. Please see Attachment 143 for proposal. \$4,750.00
	Component Description:	Structural Engineering. Cost split 50/50 with WPSG. Please see Attachment 141 for proposal.
	Amount:	\$625.00
	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:	Primary tower
	Component Description:	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:	Deposit for Heavy Duty Helicopter Installation - following failed helicopter lift. Please see Attachment 111 for quote. Cost shared 50/50 with WPSG (TV). \$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). \$69,587.50
Component Description: Amount:	Main Antenna and TX line installation Down Payment. Cost shared 50/50 with WPSG. Please see Attachment 58 for quote. \$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. \$57,500.00
Component Description:	Down payment for antenna and TX line installation. Cost shared 50/50 with WPSG. Please see Attachment 58 for quote. \$36,425.00
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. \$7,500.00
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. \$57,500.00

Gin Pole Engineering		
	Component Description:	Gin Pole Engineering. Please see Attachment 114 for quote. Cost shared 50/50 with WPSG. \$4,000.00
Tower mapping for an undocumented/poorly documented tower and preparation of	Component Description:	Invoice is for a 50% Down
documentation necessary for tower load study		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
	Component Description:	Invoice is for a 50% final 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

Outside Professional Services

Cost Information

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	
Transmitter Engineering	\$50,900.00	\$50,900.00	Transmitter Installation Electrical Engineering. Please see Attachment 83 for estimate.	\$50,900.00	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,400.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$937.50	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
Project management of the transition	\$39,500.00	\$37,500.00	Company lacks sufficient internal resources.	N/A	N/A
Sub-total	\$111,385.00	\$107,900.00	N/A	\$53,237.50	N/A
Total for all systems	\$9,568,991.32	\$6,459,670.41	N/A	\$5,682,881.41	N/A

Actual Information Description	File Name
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 Payment. Split 50 /50 with WPSG. \$7,635.00
Component Description: Amount:	Interim Transmitter Installation Engineering Design. Progress Payment. Split 50 /50 with WPSG. \$7,635.00
	Transmitter Installation Engineering Design. Progress Payment. Split 50 /50 with WPSG.

	Component Description: Amount:	Interim Transmitter Installation Engineering Design. Progress Payment. Split 5 /50 with WPSG. \$4,581.00
	Component Description: Amount:	Interim Transmitter Installation Engineering Design. Progress Payment. Split 5 /50 with WPSG. \$13,234.00
Attorney Fees - Negotiation of lease and other matters for shared locations	Information not provided.	
Prepare request for Special Temporary Authorization	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description:	Prepare FCC Form 2100 CP Application, Engineering
	Amount:	Section. \$1,400.00
Perform engineering study for new channel assignment	Component Description:	Preliminary

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

Other Expenses

Cost Information

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$1,233,028.86	\$1,226,153.86		\$1,189,388.45	
Equipment Delivery and Handling Charges	\$49,566.46	\$49,566.46	Based on actual costs. Please see Attachments 44 (\$12,643.16), 75 (\$3,003.75), 77 (\$7,235.51), 78 (\$1,829.90), 79 (641.61), and 82 (\$24,212.53).	\$49,566.46	Sub-total equals estimate.
Main Building MEP Design	\$39,250.00	\$39,250.00	Main transmitter building Mechanical and Electrical Design. Please see quote provided as Attachment 126. Cost split 50/50 with WPSG.	\$39,250.00	N/A
Drain Refill Glycol	\$3,336.40	\$3,336.40	Please see Attachment 123 for quotation.	\$3,336.40	N/A

Temp Roadway 2	\$9,988.00	\$9,988.00	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.	N/A	N/A
Temp Roadway 1	\$22,493.00	\$22,493.00	Temporary Roadway Required for Ice Bridge Construction at Interim Tower. Please see quote in Attachment 99. Cost is split 50/50 with WPSG.	\$22,493.00	N/A

STL to Interim Site	\$0.00	\$0.00	STL equipment, including transmitters, receivers, antennas, waveguide, and frequency coordination. See Attachments 29 and 31. We were instructed by the Repack	\$0.00	N/A
			Administrator to move 100% of this cost to WPSG so \$0.00 is being requested here.		
Interim Site Generator	\$146,965.50	\$146,965.50	Interim Site Generator. Please see proposal provided as Attachment 90.	\$146,965.49	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 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. 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 shown here.	\$449,270.48	N/A
Interim Bldg. Contingency	\$42,456.50	\$42,456.50	Please see proposal Attachment 14. Costs will be split 50/50 with WPSG. We will only seek reimbursement for actual costs, which will be itemized.	\$42,414.14	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
Interim Bldg. Asbestos Removal	\$2,895.00	\$2,895.00	Please see quote in Attachment 61. Cost shared equally with WPSG.	\$2,895.00	N/A
FCC Filing Fee - STL	\$0.00	\$0.00	See FCC 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.	\$0.00	N/A
MVPD Notification of Channel Change	\$1,000.00	\$1,000.00	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
Local Zoning	\$5,000.00	\$5,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$4,675.00	See Attachment 26	\$4,675.00	N/A
Sub-total	\$1,233,028.86	\$1,226,153.86	N/A	\$1,189,388.45	N/A
Total for all systems	\$9,568,991.32	\$6,459,670.41	N/A	\$5,682,881.41	N/A

Actual Information Description	File Name	
Equipment Delivery and Handling Charges	Component Description:	Freight for Interim Transmission Line cut line sections. Cost shared equally with KYW- TV. Please see Attachment 71. \$1,829.90
	Component Description:	Transmitter shipping. Please see Attachment 82.
	Amount:	\$24,212.53

	Component Description: Amount:	Freight for Interim Transmission Line cut line sections. Cost shared equally with WPSG. Please see Attachment 71. \$641.61
	Component Description: Amount:	Interim Antenna, Elbow Complex, Line Freight. Please see Attachment 71. \$3,003.75
	Component Description:	Freight for Interim Transmission Line cut line sections. Cost shared equally with KYW- TV. Please see Attachment 71.
	Amount: Component Description: Amount:	\$7,235.51 Interim transmitter shipping based on actual cost. Please see Attachment 44. \$12,643.16
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. \$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. \$3,925.00

	Component Description:	Invoice is for main transmitter buildi General Contractor, Mech contractor, Elec contractor, and Fire Detection ar Suppression. The cost is for design Site used by KYN
	Amount:	TV and WPSG so 50% of cost is shown here. \$19,625.00
Drain Refill Glycol		
	Component Description:	Drain and refill glycol. Please se Attachment 123 f quote.
	Amount:	\$3,336.40
Temp Roadway 2	Information not provided.	
Temp Roadway 1		
	Component Description:	Temporary Roadway. Please see Attachment 9 for quote. Cost split 50/50 with WPSG.
	Amount:	\$22,493.00

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
nterim Site Generator	Component Description	Interim Transmitter
	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
	Amount:	WPSG. \$29,393.10
Interim Bldg. GC and Mech. Contractor		

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
Component Description:	Invoice is for interim building
Component Description:	
Component Description:	interim building
Component Description:	interim building General
Component Description:	interim building General Contractor, Mech
Component Description:	interim building General Contractor, Mech contractor, Elec
Component Description:	interim building General Contractor, Mech contractor, Elec contractor, and
Component Description:	interim building General Contractor, Mech contractor, Elec contractor, and Fire Detection and
Component Description:	interim building General Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This
Component Description:	interim building General Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for GC and Mech contractor.
Component Description:	interim building General Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for GC and
Component Description:	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-
Component Description:	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
Component Description:	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
	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.
	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.
	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.

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 down
Component Description:	Invoice is down payment for
Component Description:	
Component Description:	payment for
Component Description:	payment for building General
Component Description:	payment for building General Contractor, Mech
Component Description:	payment for building General Contractor, Mech subcontractor, Elec
Component Description:	payment for building General Contractor, Mech subcontractor, Elec Contractor, and
Component Description:	payment for building General Contractor, Mech subcontractor, Elec Contractor, and Fire Detection and
Component Description:	payment for building General Contractor, Mech subcontractor, Elec Contractor, and Fire Detection and Suppression. This
Component Description:	payment for building General Contractor, Mech subcontractor, Elec Contractor, and Fire Detection and Suppression. This cost is GC and
Component Description:	payment for building General Contractor, Mech subcontractor, Elec Contractor, and Fire Detection and Suppression. This cost is GC and Mech Contractor.
Component Description:	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-
Component Description:	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
Component Description:	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
	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.
	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.

	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. \$16,230.87
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
	Amount:	shown here. \$3,762.00

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.
Amount:	\$18,810.00
Component Description:	Invoico is for
Component Description:	Invoice is for
Component Description:	interim building
Component Description:	interim building General
Component Description:	interim building General Contractor, Mech
Component Description:	interim building General Contractor, Mech contractor, Elec
Component Description:	interim building General Contractor, Mech contractor, Elec contractor, and
Component Description:	interim building General Contractor, Mech contractor, Elec contractor, and Fire Detection and
Component Description:	interim building General Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This
Component Description:	interim building General Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for Fire
Component Description:	interim building General Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for Fire Detection
Component Description:	interim building General Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for Fire Detection contractor. Site
Component Description:	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
Component Description:	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
Component Description:	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
	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.
Component Description:	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
	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.

	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. Electrical Contractor		

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
Amount:	φ22,403.52
Component Description:	Invoico ic for
Component Description:	Invoice is for
Component Description:	interim building
Component Description:	interim building General
Component Description:	interim building General Contractor, Mech
Component Description:	interim building General Contractor, Mech contractor, Elec
Component Description:	interim building General Contractor, Mech contractor, Elec contractor, and
Component Description:	interim building General Contractor, Mech contractor, Elec contractor, and Fire Detection and
Component Description:	interim building General Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This
Component Description:	interim building General Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is Elec
Component Description:	interim building General Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is Elec contractor. Site
Component Description:	interim building General Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is Elec contractor. Site used by KYW-TV
Component Description:	interim building General Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is Elec contractor. Site
Component Description:	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
Component Description:	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
Component Description:	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
	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.
	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.
	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.

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
Component Description:	Invoice is for interim building General Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is Elec contractor. Site
Component Description:	interim building General Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is Elec contractor. Site used by KYW-TV
Component Description:	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
Component Description:	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
	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.
Component Description:	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
	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.
	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.

	Component Description:	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. 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.
	Amount:	\$1,694.00
	I	

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:	\$2,904.00
Component Description:	Invoice is for
Component Description:	
Component Description:	Invoice is for interim building General
Component Description:	interim building General
Component Description:	interim building General Contractor, Mech
Component Description:	interim building General Contractor, Mech contractor, Elec
Component Description:	interim building General Contractor, Mech contractor, Elec contractor, and
Component Description:	interim building General Contractor, Mech contractor, Elec contractor, and Fire Detection and
Component Description:	interim building General Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This
Component Description:	interim building General Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for Misc
Component Description:	interim building General Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This
Component Description:	interim building General Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for Misc Costs from contractors. Site
Component Description:	interim building General Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for Misc Costs from
Component Description:	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
Component Description:	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
Component Description:	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.
	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

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:	\$7,567.50
Component Description:	Invoice is for
Component Description:	
Component Description:	Invoice is for interim building General
Component Description:	interim building
Component Description:	interim building General
Component Description:	interim building General Contractor, Mech contractor, Elec
Component Description:	interim building General Contractor, Mech
Component Description:	interim building General Contractor, Mech contractor, Elec contractor, and Fire Detection and
Component Description:	interim building General Contractor, Mech contractor, Elec contractor, and
Component Description:	interim building General Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This
Component Description:	interim building General Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for Misc
Component Description:	interim building General Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for Misc Costs from
Component Description:	interim building General Contractor, Mech contractor, Elec contractor, and Fire Detection and Suppression. This cost is for Misc Costs from contractors. Site
Component Description:	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
Component Description:	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
Component Description:	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
	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.

	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:	\$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
		shown here.
	Amount:	\$9,395.74
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. \$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. \$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. \$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. \$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. \$2,940.00
	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. \$4,410.00
Interim Bldg. Asbestos Removal	Component Description: Amount:	Asbestos removal. Cost shared equally with WPSG. Please see quotation Attachment 61. \$2,895.00

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. N/A
MVPD Notification of Channel Change	Information not provided.	
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.	
Local Zoning	Information not provided.	
DTV Medical Facility Notification	Component Description: Amount:	Required notification to nearby healthcare facilities. See Attachment 27. \$4,675.00

Cost	Grand Total			
Information		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$9,568,991.32	\$6,459,670.41	\$5,682,881.41

Reimbursem	entestiatus	Response
	The facility has ceased operating on its pre- auction channel.	Yes
	Construction of final facilities or all necessary modifications are complete.	No
	All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator.	No

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.	
		 The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. The above-named 	
		entity acknowledges that all certifications and attached documentation are considered material representations.	
		3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.	

- 4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
- 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
	01/22/2021

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

- 4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
- 5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster **Relocation Fund are** necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

	The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.	
an au name	are, under penalty of perjury, that I am thorized representative of the above- d applicant for the Authorization(s) ried above.	Andrew J Siegel Assistant Secretary
		01/22/2021

Attachments