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

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID: **9628** | Service: **DTV** | Call Sign: **KCBS-TV** | Channel: **31 (UHF)**

File Number: **0000027824**

FRN: **0003482189** | Date Submitted: **04/23/2019**

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 1725 DeSales St. NW Suite 501 Washington, DC 20036 United States	+1 (202) 457-4505	dryson@cbs.com	Corporation

Reimbursement Contact Information

Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email
Daniel G. Ryson *Associate Director of Spectrum Management* *CBS*	Daniel G. Ryson 1725 DeSales St. NW Suite 501 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	Interim post-transition transmitter will be commissioned at the interim site. Following the transition, the interim site will become the new main and the prior main site will be equipped with new transmitter and become the aux.

Transmitters

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

Auxiliary Transmitter

Add Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Retune Existing
	Use	Auxiliary (Backup)
	Ownership	Owned
	Owner	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	Harris
	Model	Maxiva UAX

	Year	2012
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	2 kW

Auxiliary Transmitter

Retuning Transmitter Costs

Section	Question	Response
New IOT Tubes	Number of Tubes (including accessories) needed	N/A
New Mask Filter	Power	3 kW
	Other Power	N/A
New Exciter	Is a new exciter needed?	No

Auxiliary Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	N/A

	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Auxiliary Transmitter

Other Transmitter Cost Not Listed

Information not provided.

Auxiliary Transmitter

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Auxiliary
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	Diamond
	Year	2003
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	21 kW

Auxiliary Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	UAXTE-32
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	19 kW
	Justification for New Transmitter	Vendor will not retune existing aux transmitter. We will use this transmitter as the interim until the main can be built.

Auxiliary Transmitter

Other Transmitter Costs

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

	Length	N/A
	Other Electrical Service	Yes
	Description	Surge Suppressor and 112.5 Kva Transformer.
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Auxiliary Transmitter

Other Transmitter Cost Not Listed

Name	Description
State Sales Tax	Auxiliary Transmitter Sales Tax.
RF Accessories	Coaxial Switch and Test Load
Grounding Bonding Etc	Install Ground System for Deer Park site.
Additional Electrical Work	Additional Electrical Work for Deer Park site.

Primary Transmitter

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	Sigma
	Year	2009
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	42 kW

Primary Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	ULXTE-90
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	56.4 kW
	Justification for New Transmitter	Vendor will not re-tune the existing backup (see Exhibit 1). New IOT transmitter (see Exhibit 2) is more expensive than proposed transmitter (see Exhibit 3).

Primary Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	No

	Power	N/A
	Rigid Conduit and Wiring	Yes
	Size	4 inches
	Length	100.0 feet
	Other Electrical Service	Yes
	Description	Transformer 208. Step-down transformer to 208 from 480 required for new transmitter. Larger conductors required.
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	30 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

Primary Transmitter

Other Transmitter Cost Not Listed

Name	Description
Fine Matcher	Fine Matcher. See Exhibit 49.
Ducting and Plenum	Modifications to existing HVAC ducting and plenum are necessary for proper cooling of transmitter.
Sales Tax	Primary Transmitter Sales Tax
Electrical Sub Panel	New Sub-Panels for locations that are currently not supporting transmitter equipment. See Exhibit 5A.
RF Accessories	Required for transmitter. See Exhibit 3, item C.
Transmitter Site Survey	GatesAir Basic Site Survey. Determines site conditions and recommend materials and components for installation of GatesAir equipment. See Exhibit 25.

Antennas

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

Primary Antenna

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Retune Existing
	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?	Yes
	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
	Type	Broadband Panel
	Number of Stations Supported	1
	Number of Panels	64
	Design power capacity in use	75.0 %
	Lower Limit	470.00 MHz

Upper Limit	750.00 MHz
Other Antenna Type	N/A
ERP: (Effective Radiated Power)	540.0 kW
Manufacturer	Harris
Model	TAD-16UDA 8 /64
Year	1995

Primary Antenna

Adjustment to Existing Antenna

Section	Question	Response
Sweep Test of Existing Antenna	Do you need a sweep test of existing antenna?	Yes

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	

Primary Antenna

Other Antenna Cost Not Listed

Information not provided.

Auxiliary Antenna

Add Antenna Information

Section	Question	Response

Existing Antenna Description	Type of change	Retune Existing
	Antenna Use	Auxiliary (Backup)
	Description of Use	Doomsday Auxiliary
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this antenna currently shared with any other stations?	Yes
	Is this antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Broadband Panel
	Number of Stations Supported	3
	Number of Panels	16
	Design power capacity in use	35.0 %
	Lower Limit	470.00 MHz
	Upper Limit	650.00 MHz
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	50.0 kW
	Manufacturer	Dielectric

	Model	TUA-C2-8 /16M-1
	Year	2014

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

Facility ID	Call Sign
35670	KTLA
47906	KNBC

Auxiliary Antenna

Adjustment to Existing Antenna

Section	Question	Response
Sweep Test of Existing Antenna	Do you need a sweep test of existing antenna?	No

Auxiliary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Type	Additional Module
	Number of channels supported	1
	Frequencies of channels supported	RF channel
	Frequency	N/A

Enter a list of RF channel numbers.

RF Channel Number
31

Auxiliary 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?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Bottom
	Polarization	Elliptical
	Type	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)	590.0 kW
	Manufacturer	

Model	TFU-22JBH /VP-R O8
Year	2019
Justification for New Antenna	See March 2018 Invoices Statement and Exhibit 13.

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

Interim Antenna

Other Antenna Cost Not Listed

Name	Description
Antenna Sales Tax	9.5% State and Local Sales Tax.

Transmission Line

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

Primary Transmission Line

Existing Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Utilize Existing
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	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	Myat and Dielectric
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	410 feet per run

Primary Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Additional Rigid Line	50 feet of 6 1/8-inch for within building.

Interim Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Interim
	Description of Use	N/A
	Change Type	Lease New
	Type	Rigid
	Diameter	6 1/8 inches
	Segment Length	20'
	Other Segment Length	
	Number of parallel runs	1
	Length	1100 feet per run
	Justification for New Transmission Line	Transmission line is required for interim facility to function. Includes 10 elbows, gas stop, freight, and accessories, See Exhibit 12.

Interim Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Sales Tax	9.5% State and Local Taxes

Ceiling Hangers	Ceiling Hangers, Horizontal Anchors, and Shipping.

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

Existing 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?	Located on Building
	Is this tower currently shared with any other stations?	No
	One or more FM, AM or TV radio broadcaster(s)	N/A
	Others Types of Users	N/A
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Yes
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1012836
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	34° 13' 55.0" N-
	Longitude (NAD83)	118° 04' 21.0" W-
	Overall Structure Height	972.43 feet
	Support Structure Height	899.60 feet
	Ground Elevation Above Mean Sea Level (AMSL)	5658.40 feet

Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
Tower Owner	American Towers, LLC.
Date Constructed	01/01/1986

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	Located on Building
Helicopter Services Required	Are helicopter services required?	No

Auxiliary Tower

Other Tower Expenses Not Listed

Name	Description
Structural Analysis	Cost to conduct structural analysis for tower reinforcements. See Exhibit 5B.

Tower Project Management	Onsite project management for tower modification and RF installation.
Tower Permit Packages	Permit drawings of tower, ground, and building.

Outside Professional Services Costs

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	355
	Explanation	Company lacks sufficient resources.
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting Services	Prepare and file Form FCC Construction Permit Application	No
	For Auxiliary Facility	N/A
	For Main Facility	N/A
	Prepare and file Form FCC License to Cover Application	No
	For Auxiliary Facility	N/A

	For Main Facility	N/A
	Prepare request for Special Temporary Authority	No
	Quantity	N/A
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	Yes
	Prepare or Review FCC Form 399 for Reimbursement	No
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	No
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

Name	Description
Site Coordination Meeting	Site coordination meetings with all broadcasters, contractors and vendors involved with the site project. See Exhibit 5.

Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	No
	Non-zoning permits	Yes
	BLM or NFS Coordination	Yes
	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?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

Other Expenses

Other Expenses Not Listed

Name	Description
GPS Antenna Kits	4 Each GPS Antenna Kits. 2 each required for primary and auxiliary transmitter exciters.
TX Removal and Installation	Remove Aux TX and assist with new TX system installation.
Cable Tray Hardware	Interim Site Cable Tray Hardware. See Exhibit 55.

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
Primary Transmitter ULXTE-90	**$3,582,471.77**	**$1,890,507.45**		**$1,343,842.35**	
Transmitter Site Survey	***$7,541.10***	$7,541.10	GatesAir Basic Site Survey. Determines site conditions and recommend materials and components for installation of GatesAir equipment. See Exhibit 25.	$7,541.10	N/A
RF Accessories	***$54,194.37***	$54,194.37	Coaxial Switch, Coaxial Switch Controller. Required for transmitter. See Exhibit 3, Item C.	$54,194.37	N/A
Electrical Sub Panel	***$4,500.00***	$4,500.00	New Sub-Panels for locations that are currently not supporting transmitter equipment. See Exhibit 5B.	$3,375.00	N/A

Sales Tax	***$100,994.25***	$100,994.25	State Sales Tax. Please See Exhibit 3, Page 1.	$99,771.13	N/A
Ducting and Plenum	***$2,500.00***	$2,500.00	After remove and replacing transmitters, heat distribution in the transmitter room will change. No additional HVAC is needed but the location of things that need to be cooled will change.	N/A	N/A
Fine Matcher	***$3,458.43***	$3,458.43	Fine Matcher. Includes Tax and Freight. See exhibits 48 and 49.	$3,458.43	N/A
Other -- Building Addition Size: 0.0	***$30,000.00***	$30,000.00	Prepare previously unused space to accommodate repack transmitter. See Exhibit 5B.	$22,500.00	N/A
Other -- HVAC Service Type: C Size:30 (Other)	***$60,000.00***	$60,000.00	HVAC required in previously unused space to accommodate new repack transmitter and equipment. See Exhibit 5B.	$45,000.00	N/A

Other Electrical Service: Transformer 208. Step-down transformer to 208 from 480 required for new transmitter. Larger conductors required.	***$9,983.62***	$9,983.62	See Exhibit 3, Item D	$9,983.62	N/A
4" Rigid Conduit and Wiring (Cost per foot)	$10,100.00	$9,600.00	N/A	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	$1,788,000.00	$1,089,018.70	See Exhibit 57, items A, B, E, Change Orders, and Freight.	$669,293.72	N/A
Switchgear - industrial 800 amp	$38,200.00	$109,992.00	Various electrical wiring changes and additions required at main transmitter site. See Exhibit 7A.	$20,000.00	N/A
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	$1,473,000.00	$408,724.98	***System Notice: Estimate adjusted and locked because line has been superseded. ***See Exhibit 3, items A, B, and E.	$408,724.98	N/A

Auxiliary Transmitter Maxiva UAX	**$109,355.00**	**$11,001.95**		**$0.00**	
UHF and VHF - minor banding issues	$105,200.00	$11,001.95	Retune Mask Filter - See Exhibit 6A. (This is a newer quotation than that Exhibit 6 but there was no change in estimated cost.)	N/A	N/A
3 kW mask filter	$4,155.00	$0.00	Re-tuning existing mask filter.	N/A	N/A
Auxiliary Transmitter UAXTE-32	**$741,316.35**	**$741,316.35**		**$586,888.08**	
RF Accessories	***$58,079.90***	$58,079.90	Coaxial Switch and Dummy Load for Interim Transmitter. See Exhibit 61 for quotation.	N/A	N/A
Grounding Bonding Etc	***$4,053.42***	$4,053.42	Install and provide ground bus bars and ground transmitter at Deer Park site. See Exhibit 44 for quote and details.	$4,053.42	N/A

UHF - Air Cooled Solid State Transmitter 19 kW	***$556,521.00***	$556,521.00	Transmitter, mask filter, and installation /proof. required for operation of interim site. Comparable to Widelity Cost Catalog pricing for 20 kW transmitter. See Exhibit 4, Items A, B, and D.	$536,005.12	N/A
Other Electrical Service: Surge Suppressor and 112.5 Kva Transformer.	***$4,309.03***	$4,309.03	Surge suppressor and transformer required for proper operation of transmitter. See Exhibit 4.	$4,309.03	N/A
Additional Electrical Work	***$65,055.00***	$65,055.00	Various electrical work required at Deer Park site. Please see quote provided as Exhibit 42.	N/A	N/A
State Sales Tax	***$53,298.00***	$53,298.00	State Sales Tax. Please see Exhibit 4, Page 1.	$42,520.51	N/A
Sub-total	$4,433,143.12	$2,642,825.75	N/A	$1,930,730.43	N/A
Total for all systems	$6,569,863.62	$4,065,855.85	N/A	$2,957,763.62	N/A

Components

Actual Information Description	File Name	
Transmitter Site Survey	**Component Description:** **Amount:**	GatesAir Basic Site Survey. Determines site conditions and recommend materials and components for installation of GatesAir equipment. $7,541.10
RF Accessories	**Component Description:** **Amount:**	Invoice is for Progress Payment on comparable ULXTE-60 Transmitter. This cost represents 2/3 of Exhibit 21A line item C. See October 2018 GatesAir Statement. $36,129.58
	Component Description: **Amount:**	Invoice is for 1/3 Progress Payment on comparable ULXTE-60 Transmitter. This cost represents 1/3 of Exhibit 18B line item C. See October 2018 GatesAir Statement. $18,064.79

Electrical Sub Panel	**Component Description:**	Invoice is 50% Progress Payment for American Tower at Deer Park Site. This cost is 50% of Estimated Electrical Sub Panel cost. See Quote Exhibit 5B Item 3-C-6.
	Amount:	$2,250.00
	Component Description:	Invoice is 25% Down Payment for American Tower at Deer Park Site. This cost is 25% of Estimated Electrical Sub Panel cost. See Quote Exhibit 5B Item 3-C-6.
	Amount:	$1,125.00

Sales Tax	**Component Description:** **Amount:** **Component Description:** **Amount:**	Sales Tax on Items shipped to Corona at 7.75% and to Mount Wilson at 9.5%. See Exhibit 57. $287.61 Invoice is for Progress Payment on comparable ULXTE-60 Primary Transmitter. This cost represents Sales Tax on items shipped. See October 2018 GatesAir Statement. $99,483.52
Ducting and Plenum	Information not provided.	
Fine Matcher	**Component Description:** **Amount:**	Fine Matcher. Includes Tax and Freight. $3,458.43

Other -- Building Addition Size: 0.0	**Component Description:**	Invoice is 50% Progress Payment for American Tower at Deer Park Site. This cost is 50% of Building addition. See Quote Exhibit 5B Item 3-C-3.
	Amount:	$15,000.00
	Component Description:	Invoice is 25% Down Payment for American Tower at Deer Park Site. This cost is 25% of Building addition. See Quote Exhibit 5B Item 3-C-3.
	Amount:	$7,500.00

Other -- HVAC Service Type: C Size:30 (Other)	**Component Description:**	Invoice is 50% Progress Payment for American Tower at Deer Park Site. This cost is 50% of Estimated 30 Ton HVAC. See Quote Exhibit 5B Item 3-C-3.
	Amount:	$30,000.00
	Component Description:	Invoice is 25% Down Payment for American Tower at Deer Park Site. This cost is 25% of Estimated 30 Ton HVAC. See Quote Exhibit 5B Item 3-C-2.
	Amount:	$15,000.00

Other Electrical Service: Transformer 208. Step-down transformer to 208 from 480 required for new transmitter. Larger conductors required.	**Component Description:** **Amount:** **Component Description:** **Amount:**	Invoice is for 1/3 Progress Payment on comparable ULXTE-60 Transmitter. This cost represents 1/3 of Exhibit 18B line item D. See October 2018 GatesAir Statement. $3,327.87 Invoice is for Progress Payment on comparable ULXTE-60 Transmitter. This cost represents 2/3 of Exhibit 21A line item D. See October 2018 GatesAir Statement. $6,655.75
4" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	

UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	**Component Description:**	Invoice is for Final Payment on comparable ULXTE-60 Transmitter. This cost represents Installation, Freight for non-upgraded transmitter, and Change Order Q79220.
	Amount:	$81,389.31
	Component Description:	Invoice is for 1/3 Progress Payment on comparable ULXTE-60 Transmitter. This cost represents 1/3 of Exhibit 18B line items A, B, and E Minus the two Change Orders. See October 2018 GatesAir Statement.
	Amount:	$352,130.35
	Component Description:	Invoice is for Progress Payment on comparable ULXTE-60 Transmitter. This cost represents remaining balance on Exhibit 21A line items A and B. See October 2018 GatesAir Statement.
	Amount:	$235,774.06

Switchgear - industrial 800 amp	**Component Description:** **Amount:**	Weathervane site electric work. Progress payment for September 2018. See Exhibit 43. $20,000.00
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	**Component Description:** **Amount:**	Please delete this cost component, which has been moved to the corrected transmitter model. Intentionally seeking $0.00 here. N/A
	Component Description: **Amount:**	Please delete this cost component, which has been moved to the corrected transmitter model. Intentionally seeking $0.00 here. N/A
	Component Description: **Amount:**	Approximately 1/3 Down Payment. $408,724.98
UHF and VHF - minor banding issues	Information not provided.	
3 kW mask filter	Information not provided.	
RF Accessories	Information not provided.	

Grounding Bonding Etc	**Component Description:**	Install ground system - Labor Only. See Exhibits 44 and 45.
	Amount:	$1,520.00
	Component Description:	Install ground system - Materials Only. See Exhibits 44 and 46.
	Amount:	$2,533.42

UHF - Air Cooled Solid State Transmitter 19 kW	**Component Description:**	Approximately 1/3 Down Payment
	Amount:	$204,709.34
	Component Description:	Invoice is for 1/3 Progress Payment on comparable UAXTE-32R44 Transmitter. This cost represents 2/3 of Exhibit 18 line items B and D and remainder of balance for item A. Item C is listed separately. See October 2018 GatesAir Statement.
	Amount:	$204,469.99
	Component Description:	Invoice is for 1/3 Progress Payment on comparable UAXTE-32R44 Transmitter. This cost represents a portion of Exhibit 4 line items A, B, and D plus one Change Order. See October 2018 GatesAir Statement.
	Amount:	$126,825.79

Other Electrical Service: Surge Suppressor and 112.5 Kva Transformer.	**Component Description:**	Invoice is for 1/3 Progress Payment on comparable UAXTE-32R44 Transmitter. This cost represents 2/3 of Exhibit 18 line item C. Items A, B, and D are listed separately. See October 2018 GatesAir Statement.
	Amount:	$2,872.69
	Component Description:	Invoice is for 1/3 Progress Payment on comparable UAXTE-32R44 Transmitter. This cost represents 1/3 of Exhibit 4 line item C. See October 2018 GatesAir Statement.
	Amount:	$1,436.34
Additional Electrical Work	Information not provided.	
State Sales Tax	**Component Description:**	Invoice is for 1/3 Progress Payment on UAXTE-32R44 Transmitter. This cost represents 100% of Sales Tax See October 2018 GatesAir Statement.
	Amount:	$42,520.51

Cost Information

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Antenna TFU-22JBH /VP-R O8	**$322,853.46**	**$384,442.46**		**$344,496.50**	
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	$289,500.00	$351,089.00	This bottom-mount stacked antenna must provide structural support for big, top-mount VHF antenna. Includes elbow complex, repack sweep, and one fixed length of 6-inch line. Additional V-Pol cost was subtracted. See Exhibit 13.	$344,496.50	N/A
Antenna Sales Tax	***$33,353.46***	$33,353.46	9.5% Sales Tax on Antenna (see Exhibit 13) minus V-Pol cost.	N/A	N/A

Primary Antenna TAD-16UDA 8/64	**$253,730.00**	**$6,400.00**		**$0.00**	
Sweep test of existing antenna	$6,730.00	$6,400.00	N/A	N/A	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	$247,000.00	$0.00	Re-tuning existing antenna.	N/A	N/A
Auxiliary Antenna TUA-C2-8 /16M-1	**$90,930.00**	**$46,400.00**		**$4,000.00**	
UHF - High Power Top Mount Three Station broadband panel antenna horizontally polarized	***$0.00***	$0.00	Retuning existing antenna.	N/A	N/A
Sweep test of existing antenna	$6,730.00	$6,400.00	N/A	N/A	N/A

Adding a module to existing combiner (without antenna)	$84,200.00	$40,000.00	See Exhibit 60 for combiner hardware cost, not including installation. The hardware cost will be shared with two other stations so KCBS-TV's share is $19,758.66 (fractional cents truncated).	$4,000.00	N/A
Sub-total	$667,513.46	$437,242.46	N/A	$348,496.50	N/A
Total for all systems	$6,569,863.62	$4,065,855.85	N/A	$2,957,763.62	N/A

Components

Actual Information Description	File Name

UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	**Component Description:** **Amount:**	This invoice is the 45% down payment for the main antenna Including elbow complex, repack sweep, and one fixed length of 6-inch line. Additional V-Pol cost was subtracted. $155,110.05
	Component Description: **Amount:**	Antenna and Elbow Complex 10% Final Payment. Excludes V-Pol upgrade. Please see Exhibits 49 and 50. $34,276.40
	Component Description: **Amount:**	This invoice is the 45% progress payment for the main antenna Including elbow complex, repack sweep, and one fixed length of 6-inch line. Additional V-Pol cost was subtracted. $155,110.05
Antenna Sales Tax	Information not provided.	
Sweep test of existing antenna	Information not provided.	

UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	Information not provided.	
UHF - High Power Top Mount Three Station broadband panel antenna horizontally polarized	Information not provided.	
Sweep test of existing antenna	Information not provided.	
Adding a module to existing combiner (without antenna)	**Component Description:** <

Cost Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmission Line	**$248,206.65**	**$221,642.25**		**$183,493.30**	
Ceiling Hangers	***$7,421.26***	$7,421.26	Ceiling hangers, horizontal anchor, and freight. See quote in Exhibit 52 and shipping in Exhibit 54.	$7,421.26	N/A
Sales Tax	***$18,585.39***	$18,585.39	9.5% State and Local Tax on Interim Transmission Line.	N/A	N/A
Rigid Transmission Line - copper, 6 1/8"	$222,200.00	$195,635.60	Please see March 2018 Invoices Statement and Exhibit 12.	$176,072.04	N/A
Primary Transmission Line	**$9,600.00**	**$9,600.00**		**$0.00**	
Additional Rigid Line	***$9,600.00***	$9,600.00	Required for installation of new post-transition transmitter. (Widelity Cost Catalog pricing shown.)	N/A	N/A

Sub-total	$257,806.65	$231,242.25	N/A	$183,493.30	N/A
Total for all systems	$6,569,863.62	$4,065,855.85	N/A	$2,957,763.62	N/A

Components

Actual Information Description	File Name
Ceiling Hangers	**Component Description:** Ceiling Hangers and Horizontal Anchors. Please see Exhibits 52 and 53A. **Amount:** $2,617.30 **Component Description:** Freight for Ceiling Hangers. See Exhibits 52 and 54A. **Amount:** $4,803.96
Sales Tax	Information not provided.

Rigid Transmission Line - copper, 6 1/8"	**Component Description:**	Invoice is 45% Progress Payment for Transmission Line at Deer Park Site. This cost is 45% of the line, estimated shipping and field engineer. See Quote Exhibit 12.
	Amount:	$88,036.02
	Component Description:	Invoice is 45% Down Payment for Transmission Line at Deer Park Site. This cost is 45% of the line, estimated shipping and field engineer. See Quote Exhibit 12.
	Amount:	$88,036.02
Additional Rigid Line	Information not provided.	

Cost Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Co Justificati
Auxiliary Tower GTOWER	**$893,688.00**	**$427,328.00**		**$322,218.00**	
Tower Permit Packages	***$10,150.00***	$10,150.00	Generation of tower, building, and ground construction drawings required for local permits. See Exhibit 5B. ($4,700 plus $4,700, plus $750)	$5,450.00	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	$421,000.00	$241,640.00	Includes mobilization and tower rigging per the failing structural, removal of existing top antenna and tower top section, four transmission lines, and a side mounted antenna. See Exhibit 5B.	$181,230.00	N/A

Tower Project Management	***$10,000.00***	$10,000.00	Due to the complexity of the site and its access, it is estimated that onsite project management for tower modification and RF installation will be a duration of 40 hours. See Exhibit 5B.	$7,500.00	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	$26,300.00	$10,300.00	Structural tower mapping to provide data to the structural engineer in order to generate the correct structural output. See Exhibit 5B.	$10,300.00	N/A
Structural Analysis	***$5,238.00***	$5,238.00	Cost to conduct structural analysis for tower reinforcements. See Exhibit 5B.	$5,238.00	N/A

Major tower reinforcement /modifications	$421,000.00	$150,000.00	It is expected that the additional loads imposed on the tower by the new appurtenances required for the repack project will cause the tower to fail. The structural failure is expected to be in the major category. See Exhibit 5B.	$112,500.00	N/A
Sub-total	$893,688.00	$427,328.00	N/A	$322,218.00	N/A
Total for all systems	$6,569,863.62	$4,065,855.85	N/A	$2,957,763.62	N/A

Components

Actual Information Description	File Name	
Tower Permit Packages	**Component Description:**	Invoice is 100% payment for American Tower costs at Deer Park Site. This cost is 100% of Estimated Building Permits. See Quote Exhibit 5B Item 1-A-3 ($750) plus Item 3-D-1 ($4,700).
	Amount:	$5,450.00

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	**Component Description:**	Invoice is 25% Down Payment for American Tower at Deer Park Site. This cost is 25% of Tower Rigging for a Tall Tower. See Quote Exhibit 5B Item 3-C-1.
	Amount:	$60,410.00
	Component Description:	Invoice is 50% Down Payment for American Tower at Deer Park Site. This cost is 50% of Tower Rigging for a Tall Tower. See Quote Exhibit 5B Item 3-C-1.
	Amount:	$120,820.00

Tower Project Management	**Component Description:**	Invoice is 25% Down Payment for American Tower at Deer Park Site. This cost is 25% of estimated tower construction project Management. See Quote Exhibit 5B Item 3-D-1.
	Amount:	$2,500.00
	Component Description:	Invoice is 50% Progress Payment for American Tower at Deer Park Site. This cost is 50% of estimated tower construction project Management. See Quote Exhibit 5B Item 3-D-1.
	Amount:	$5,000.00
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	**Component Description:**	Tower Mapping, Main Tower. For Quote, see Exhibit 5A 3-A-1.
	Amount:	$10,300.00
Structural Analysis	**Component Description:**	Structural Analysis, Main Tower. For Quote, see Exhibit 5A 3-A-1.
	Amount:	$5,238.00

Major tower reinforcement /modifications	**Component Description:**	Invoice is 25% Down Payment for American Tower at Deer Park Site. This cost is 25% of Estimated Major Tower Reinforcement. See Quote Exhibit 5B Item 3-A-2.
	Amount:	$37,500.00
	Component Description:	Invoice is 50% Down Payment for American Tower at Deer Park Site. This cost is 50% of Estimated Major Tower Reinforcement. See Quote Exhibit 5B Item 3-A-2.
	Amount:	$75,000.00

Cost Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	**$85,760.00**	**$101,580.00**		**$21,205.00**	
Site Coordination Meeting	***$5,000.00***	$5,000.00	Site coordination meetings with all broadcasters, contractors and vendors involved with the site project. All involved parties will jointly define a site action plan and cutover approach. See Exhibit 5B.	$3,750.00	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

RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	$1,580.00	$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
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	$2,105.00	$2,000.00	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	N/A	N/A

Perform engineering study for new channel assignment and antenna development	$7,360.00	$6,100.00	N/A	$6,100.00	N/A
Project management of the transition	$56,090.00	$74,480.00	Company lacks sufficient resources. See Exhibits 5B and 7.	$9,480.00	N/A
Address transition timing and coordination issues w/ other stations and wireless	$2,630.00	$2,500.00	N/A	$1,875.00	N/A
Sub-total	$85,760.00	$101,580.00	N/A	$21,205.00	N/A
Total for all systems	$6,569,863.62	$4,065,855.85	N/A	$2,957,763.62	N/A

Components

Actual Information Description	File Name

Site Coordination Meeting	**Component Description:** **Amount:** **Component Description:** **Amount:**	Invoice is 25% Down Payment for American Tower at Deer Park Site. This cost is 25% of Site Coordination Meeting. See Quote Exhibit 5B Item 1-B-1. $1,250.00 Invoice is 50% Down Payment for American Tower at Deer Park Site. This cost is 50% of Site Coordination Meeting. See Quote Exhibit 5B Item 1-B-1. $2,500.00
Attorney Fees - Negotiation of lease and other matters for shared locations	Information not provided.	
Prepare request for Special Temporary Authorization	Information not provided.	
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	Information not provided.	

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.	
Perform engineering study for new channel assignment and antenna development	**Component Description:** **Amount:**	Further antenna studies and meetings with other stations to discuss antenna mounting alternatives. $562.50
	Component Description: **Amount:**	Preliminary Engineering Study of Channel Assignment. $1,825.00
	Component Description: **Amount:**	Study antenna mounting options and coordinate with other stations on tower. $3,712.50
Project management of the transition	**Component Description:** **Amount:**	Invoice is 100% payment for American Tower costs at Deer Park Site. This cost is 100% of Tower Project Management. See Quote Exhibit 5B Item 1-A-1. $9,480.00

Address transition timing and coordination issues w/ other stations and wireless	**Component Description:**	Invoice is 25% Down Payment for American Tower at Deer Park Site. This cost is 25% of Coordination planning costs. See Quote Exhibit 5B Item 1-A-1.
	Amount:	$625.00
	Component Description:	Invoice is 50% Down Payment for American Tower at Deer Park Site. This cost is 50% of Coordination planning costs. See Quote Exhibit 5B Item 1-A-1.
	Amount:	$1,250.00

Cost Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	**$231,952.39**	**$225,637.39**		**$151,620.39**	
TX Removal and Installation	***$169,252.00***	$169,252.00	Estimate includes items in Exhibit 8A except Equipment Storage, Equipment Delivery, and Disposal, and 2/3 of the Verdugo Peak combiner installation costs, which will be shared between three stations. Also includes costs in Exhibit 62.	$110,000.00	N/A
Cable Tray Hardware	***$1,374.40***	$1,374.40	Cable Tray Hardware - Required at Interim Site. See Exhibit 55.	$1,374.40	N/A
MVPD Notification of Channel Change	***$1,000.00***	$1,000.00	N/A	N/A	N/A

Develop and air announcement of upcoming channel change	***$1,000.00***	$1,000.00	N/A	N/A	N/A
Equipment Storage	***$5,000.00***	$5,000.00	See Exhibit 8A.	$4,000.00	N/A
BLM or NFS Coordination	***$1,000.00***	$1,000.00	See Exhibit 5B.	$750.00	N/A
FCC Filing Fees - Special Temporary Authorization request	$195.00	$190.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	$335.00	$325.00	N/A	N/A	N/A
Non-zoning permits	***$750.00***	$750.00	The cost of preparation and submission of the needed forms (excluding permit drawing package) for permits for jurisdictional permits required for electrical, building and other repack required tasks. See Exhibit 5B.	N/A	N/A

Disposal Costs (for equipment and other waste, net of any salvage value)	***$10,000.00***	$10,000.00	See Exhibit 8A.	$8,000.00	N/A
Equipment Delivery and Handling Charges	***$29,131.13***	$29,131.13	See Exhibits 8A ($15,000) plus 51 ($14,131.13)	$26,131.13	N/A
GPS Antenna Kits	***$1,364.86***	$1,364.86	Four GPS Antenna Kits. Two each for primary and auxiliary transmitter exciters. Cost includes Sales Tax and Freight. See Exhibits 58 and 59.	$1,364.86	N/A
DTV Medical Facility Notification	$11,550.00	$5,250.00	See Exhibit 9.	N/A	N/A
Sub-total	$231,952.39	$225,637.39	N/A	$151,620.39	N/A
Total for all systems	$6,569,863.62	$4,065,855.85	N/A	$2,957,763.62	N/A

Components

Actual Information Description	File Name

TX Removal and Installation	**Component Description:**	30% Progress Payment per quote (Exhibit 8A). This cost represents 30% of Exhibit 8A items except equipment storage, transportation, disposal, and 2/3 of Verdugo Peak combiner installation which will be shared with other stations.
	Amount:	$41,250.00
	Component Description:	Invoice is for 1/2 Down Payment as specified in quote (Exhibit 8A). This cost represents 1/2 of Exhibit 8A items except equipment storage, transportation, disposal, and 2/3 of Verdugo Peak combiner installation which will be shared with other stations.
	Amount:	$68,750.00
Cable Tray Hardware	**Component Description:**	Includes items 1-5 shown on quotation 105486 (Exhibit 55). Items 1-5 used at KCBS-TV interim site.
	Amount:	$1,374.40
MVPD Notification of Channel Change	Information not provided.	

Develop and air announcement of upcoming channel change	Information not provided.	
Equipment Storage	**Component Description:** **Amount:**	Invoice is for 1/2 Down Payment as specified in quote (Exhibit 8A). This cost represents 1/2 of Equipment Storage. $2,500.00
	Component Description: **Amount:**	Invoice is for 30% Progress per quote (Exhibit 8A). This cost represents 30% of Equipment Storage. $1,500.00
BLM or NFS Coordination	**Component Description:** **Amount:**	Invoice is 50% Progress Payment for American Tower at Deer Park Site. This cost is 50% of BLM coordination. See Quote Exhibit 5B Item 1-A-3. $500.00
	Component Description: **Amount:**	Invoice is 25% Down Payment for American Tower at Deer Park Site. This cost is 25% of BLM coordination. See Quote Exhibit 5B Item 1-A-3. $250.00

FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
Non-zoning permits	Information not provided.	
Disposal Costs (for equipment and other waste, net of any salvage value)	**Component Description:** **Amount:**	Invoice is for 1/2 Down Payment as specified in quote (Exhibit 8A). This cost represents 1/2 of Equipment Disposal. $5,000.00
	Component Description: **Amount:**	30% Progress Payment per quote (Exhibit 8A). This cost represents 30% of Equipment Disposal. $3,000.00

Equipment Delivery and Handling Charges	**Component Description:**	30% Progress Payment as specified in quote (Exhibit 8A). This cost represents 30% of Equipment Transportation.
	Amount:	$4,500.00
	Component Description:	Antenna and elbow complex shipping. See Exhibit 51A.
	Amount:	$14,131.13
	Component Description:	Invoice is for 1/2 Down Payment as specified in quote (Exhibit 8A). This cost represents 1/2 of Equipment Transportation.
	Amount:	$7,500.00
GPS Antenna Kits	**Component Description:**	Four GPS Antenna Kits. Two required for primary and auxiliary transmitter exciters.
	Amount:	$1,364.86
DTV Medical Facility Notification	Information not provided.	

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	$6,569,863.62	$4,065,855.85	$2,957,763.62

Reimbursement Status

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

Certification

Section	Question	Response
Submission of Estimated Expenses Statements	WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.	
	1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.	

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

	8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.	
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	**Andrew J Siegel** *Assistant Secretary* 04/23/2019

Certification

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

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

	8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission. 9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.	
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	**Andrew J Siegel** *Assistant Secretary* 04/23/2019

Attachments