

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID:	55083	Service: DTV	Call Sign:	KXLA	Channel: 51 (UHF)
File Number:	00000	27093			
FRN: 00	07519408	Date Submitted:	05/31 /2019		

Applicant Name, Type, and Contact Information

Applicant Information

า	Applicant	Address	Phone	Email	Applicant Type
	RANCHO PALOS VERDES BROADCASTERS, INC.	Ronald L. Ulloa 2323 CORINTH AVENUE LOS ANGELES, CA 90064 United States	+1 (310) 478- 0055	rulloa@kxlatv. com	Corporation

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Preparer Contact Name and Information

Contact Information	Applicant	Address	Phone	Email
	Greg Best Consulting Engineer Greg Best Consulting, Inc.	16100 Outlook Ave. Stilwell, KS 66085 United States	+1 (816) 792- 2913	gbconsulting54@gmail. 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.	No
	Briefly describe transition plan	File Interim STA. Replace interim backup antenna, transmitter & line. Install and sweep primary T-Line & antenna. Remove & replace primary transmitter .

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

Primary	Existing Transmitter Information					
Transmitter	Section	Question	Response			
	Existing Transmitter Description	Type of change	Purchase New			
		Use	Primary (Main)			
		Description of Use	N/A			
		Ownership	Owned			
		Owner	N/A			
		Site	N/A			
		Is this transmitter currently shared with another station?	No			
		Is this transmitter currently in operating condition?	Yes			
	Existing Transmitter	Manufacturer				
	Manufacturer and Type	Model	Innovator			
		Year	2006			
		Туре	Inductive Output Tube			
		IOT Power Type	Two			
		Power Capacity	60 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?	No			
		Manufacturer				
		Model	ULXTE-50			
		Transmitter Type	Solid State			
		Solid State Cooling	Liquid Cooled			
		Solid State Power capacity	32 kW			
		Justification for New Transmitter	Existing transmitter manufacturer is no longer in business and it is not possible to retune the existing transmitter to the repacked channel.			

Other Transmitter Costs

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	3 inches			

	Length	200.0 feet
	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Туре	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Other Transmitter Cost Not Listed

PrimaryOther Transmitter CoTransmitterInformation not provided.

Interim	New Transmitter Costs				
Transmitter	Section	Question	Response		
	New Transmitter	Use	Interim		
		Description of Use	N/A		
		Change Type	Purchase		
		Manufacturer			
		Model	ULXTE-50		
		Transmitter Type	Solid State		
		Solid State Cooling	Liquid Cooled		
		Solid State Power capacity	32 kW		
		Justification for New Transmitter	Existing backup transmitter cannot be converted to repacked channel per manufacturer and manufacturer is no longer in business.		

Interim Other Transmitter Costs

Transmitter	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	3 inches
		Length	200.0 feet

	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Туре	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A
Inside RF System	Is an additional interior RF system required to support this interim transmitter?	No

Interim Other Transmitter Cost Not Listed

Transmitter Information not provided.

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?	Yes	
		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	Class	Full Power	
	Manufacturer and Type	Mounting	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Horizontal	
		Туре	Broadband Panel	
		Number of Stations Supported	4	
		Number of Panels	30	
		Design power capacity in use	90.0 %	
		Lower Limit	578.00 MHz	
		Upper Limit	700.00 MHz	
		Other Antenna Type	N/A	
		ERP: (Effective Radiated Power)	1000.0 kW	

Manufacturer	
Model	PHP30CA- CH51
Year	2006

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

Facility ID	Call Sign
24518	KDOC-TV
14000	KJLA
4328	KOCE-TV

Primary	New Antenna Costs			
Antenna	Section	Question	Response	
	New Antenna Description	Use	Primary (Main)	
		Description of Use	N/A	
		Change Type	Purchase New	
		Is this a request for upgraded equipment?	Yes	
		Ownership	Owned	
		Owner	N/A	
		Is antenna shared?	Yes	
		Is antenna directional?	Yes	
New Antenna		Will antenna be located on or in close proximity to an antenna farm?	Yes	
		Class	Full Power	
	Manufacturer and Types	Mounting	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Elliptical	
		Туре	Slotted Coaxial	
		Number of Stations Supported	N/A	
		Number of Panels/Bays	N/A	
		Lower Limit	N/A	
		Upper Limit	N/A	
		Design power capacity in use	N/A	
		Other Antenna Type	N/A	
		ERP: (Effective Radiated Power)	670.0 kW	
		Manufacturer		
		Model	ATW24H6- HSC170-30H	
		Year	2018	

Justification for New Antenna	Existing
	antenna
	cannot be
	converted to
	repacked
	channel per
	manufacturer.
	Quotes are
	provided for
	both Hpol and
	Epol antennas
	to clarify the
	cost
	differential and
	reimbursemer
	request. KXLA
	expects to be
	reimbursed fo
	Hpol only
	costs.

Primary Other Antenna Costs Antenna Section

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	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	6 1/8 inches inches

Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power 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

Primary Other Antenna Cost Not Listed

Antenna Information not provided.

Interim	New Antenna Costs			
Antenna	Section	Question	Response	
	New Antenna Description	Use	Interim	
		Description of Use	N/A	
		Change Type	Purchase New	
		Ownership	Owned	
		Owner	N/A	
		Is antenna shared?	No	
		Is antenna directional?	Yes	
		Will antenna be located on or in close proximity to an antenna farm?	Yes	
	New Antenna	Class	Full Power	
	Manufacturer and Type	Mounting	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Elliptical	
		Туре	Slotted Coaxial	
		Number of Stations Supported	N/A	
		Number of Panels/Bays	N/A	
		Lower Limit	N/A	
		Upper Limit	N/A	
		Design power capacity in use	N/A	
		Other Antenna Type	N/A	
		ERP: (Effective Radiated Power)	670.0 kW	
		Manufacturer		
		Model	ATW24H6- HSC170-30H	
		Year	2018	

Justification for New Antenna	Existing
	antenna
	cannot be
	converted to
	repacked
	channel per
	manufacturer.
	Quotes are
	provided for
	both Hpol and
	Epol antennas
	to clarify the
	cost
	differential and
	reimbursemen
	request

Interim Other Antenna Costs

Antenna

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

Primary	Existing Transmission Line			
Transmissio	n Line	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?	Yes	
		Is Transmission Line in operating condition?	Yes	
	Existing Transmission Line Manufacturer and Type	Manufacturer		
		Туре	Flexible Air	
		Diameter	5 inches	
		Other Diameter	N/A	
		Segment Length	N/A	
		Other Segment Length	N/A	
		Number of parallel runs	4	
		Length	410 feet per run	

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

Existing Transmission Line

Facility ID	Call Sign
14000	KJLA
24518	KDOC-TV
4328	KOCE-tv

Primary	New Transmission Line			
Transmissio	n Line Section	Question	Response	
	New Transmission Line Costs	Use	Primary (Main)	
		Description of Use	N/A	
		Change Type	Purchase New	
		Is this a request for upgraded equipment?	No	
		Туре	Rigid	
		Diameter	6 1/8 inches	
		Other Diameter	N/A	
		Segment Length	Broadband	
		Other Segment Length	N/A	
		Number of parallel runs	1	
		Length	450 feet per run	
		Justification for New Transmission Line	See attached document on station transmission line systems and justification for new equipment purchase.	

Other Transmission Line Expenses Not Listed Transmission

Interim	New Transmission Line			
Transmissio	n Line Section	Question	Response	
	New Transmission Line	Use	Interim	
	Costs	Description of Use	N/A	
		Change Type	Purchase New	
		Туре	Rigid	
		Diameter	6 1/8 inches	
		Segment Length	Broadband	
		Other Segment Length		
		Number of parallel runs	1	
		Length	400 feet per run	
		Justification for New Transmission Line	See attached T-Line system description documentation regarding existing transmission line system and justification for purchase.	

Interim Other Transmission Line Expenses Not Listed

Transmission hometion not provided.

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

Primary	Existing Tower

Primary 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?	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?	Yes
		Is tower compliant with Rev G?	Yes
	Existing Tower Structure Registration	Do you have a tower registration number?	Yes
		ASR Number	1221073
	Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	34° 13' 35.3" N-
		Longitude (NAD83)	118° 04' 00.9" W-
		Overall Structure Height	403.87 feet
		Support Structure Height	399.93 feet
		Ground Elevation Above Mean Sea Level (AMSL)	5709.90 feet

Structure Type	LTOWER - Lattice Tower
Tower Owner	American Towers, LLC.
Date Constructed	07/15/2001

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
14000	KJLA	DTV
24518	KDOC-TV	DTV
4328	KOCE-TV	DTV
1234	KACV-FM	FM

Primary Tower Modification Costs

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

Primary Tower Rigging Costs

Tower

Tower

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

Other Tower Expenses Not Listed

Primary Tower Information not provided.

Interim Tower	Tower Construction Costs				
	Section	Question	Response		
	Construct New Tower	Use	Interim		
	-	Description of Use	N/A		
		Height	99.10 feet		
		Justification for New Tower	Interim antenna cannot be mounted on Main antenna tower		

Interim Tower Rigging Costs

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

Interim Tower

Tower

Other Tower Expenses Not Listed

Name	Description
structal engineering and mapping	cost for mapping Interim tower

Outside	Section	Question	Response
Professional	Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
		Number of Hours	595
		Explanation	Coordination with vendors, other stations, and logistics due to site conditions.
	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	Yes
	Services	For Auxiliary Facility	No
		For Main Facility	Yes

	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	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	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	No
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Outside	Other Professional Services Expenses Not Listed		
Professional	Services Costs	Description	
	Other Engineering Services	Other RF Engineering Services for the transition	

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	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?	No
		Does this relocation require MVPD Notification of a Channel Change?	Yes

Other Expenses Not Listed

Other

Expenses	Name	Description	
	Forestry Approval	Forestry Approval	
	Sales or Use tax	Sales/use tax for purchases. KXLA receives a special rate of 3.75 percent.	
	ATC Site Coordination Meeting	ATC Capital contribution for the site coordination meeting	

Transmitters

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmitter ULXTE-50	\$1,052,573.23	\$1,050,073.23		\$983,605.69	
UHF - Liquid Cooled Solid State Transmitter 32 kW	\$1,003,973.23	\$1,003,973.23	Quote 57068 plus Change Order Q77011	\$983,605.69	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	\$0.00	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$10,400.00	\$9,800.00	N/A	\$0.00	N/A
Primary Transmitter ULXTE-50	\$1,071,471.53	\$1,068,971.53		\$989,261.98	
3" Rigid Conduit and Wiring (Cost per foot)	\$10,400.00	\$9,800.00	N/A	\$0.00	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	\$711.18	N/A
UHF - Liquid Cooled Solid State Transmitter 32 kW	\$1,022,871.53	\$1,022,871.53	Quote 57068 plus change order Q77011	\$988,550.80	N/A

Sub-total	\$2,124,044.76	\$2,119,044.76	N/A	\$1,972,867.67	N/A
Total for all systems	\$4,028,783.36	\$3,848,535.51	N/A	\$2,522,150.05	N/A

Components

Actual Information Description	File Name	
UHF - Liquid Cooled Solid State Transmitter 32 kW	Component Description: Amount:	ULXTE-50 Transmitter \$320,790.72
	Component Description: Amount:	1/3 down payment \$324,368.50
	Component Description: Amount:	Field Service, TV \$3,788.73
	Component Description: Amount:	2nd 1/3 payment for interim transmitter \$334,657.74
Switchgear - industrial 800 amp	Information not provided.	
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	

Switchgear - industrial 800 amp	Component Description: Amount:	ROD THREADED ZINC 72X3/8-16 \$356.97
	Component Description: Amount:	14"X36T MULTI- MATERIAL BLADE \$54.72
	Component Description: Amount:	2-YEAR REPLACE PROTECT PLAN \$27.06
	Component Description:	Tool Purchases: 12IN BAG A,S HUSKY 12" TOOL BAG
	Amount:	\$58.09
	Component Description:	14 IN. MULTIPURPOSE CHOP SAW
	Amount:	\$214.34

ion: UXLTE-50 Main Transmitter \$319,359.85
ion: 2nd 1/3 main transmitter payment
\$340,957.18
ion: KXLA-1st Primary
Transmitter-UHF Liquid Cooled Solid
State \$7,654.00
t

Antennas

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Antenna ATW24H6- HSC170- 30H	\$247,000.00	\$244,810.00		\$162,207.20	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$4,550.00	N/A	\$3,150.00	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$22,000.00	N/A	\$10,577.40	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$3,750.00	N/A

UHF - High Power, Side Mount, basic slot antenna, 670 kW input, directional,, elliptically or circularly polarized	\$211,860.00	\$211,860.00	ERI proposal 20180124- 863 like-for- like cost of \$189,860, plus \$22,000 for est taxes & freight. KXLA expects to pay for the difference between the Hpol and Epol antenna.	\$144,729.80	N/A
Primary Antenna ATW24H6- HSC170- 30H	\$259,300.00	\$256,960.00		\$145,988.97	
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	\$2,100.00	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$11,700.00	N/A	\$0.00	N/A

UHF - High Power, Side Mount, basic slot antenna, 670 kW input, directional,, elliptically or circularly polarized	\$211,860.00	\$211,860.00	ERI proposal 20180124- 864 like-for- like cost of \$189,860, plus \$22,00 for est taxes & freight. KXLA expects to pay for the difference between the Hpol and Epol antenna.	\$130,463.97	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$22,000.00	N/A	\$9,675.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$3,750.00	N/A
Sub-total	\$506,300.00	\$501,770.00	N/A	\$308,196.17	N/A
Total for all systems	\$4,028,783.36	\$3,848,535.51	N/A	\$2,522,150.05	N/A

Components

Actual Information	
Description	File Name

Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Component Description: Amount:	KXLA Interim Antenna Patter Scatter Analysis \$350.00
	Component Description:	Interim Antenna Patter Scatter
	Amount:	Analysis \$1,050.00
	Component Description:	30% payment for Interim scatter
	Amount:	study \$1,050.00
	Component Description:	KXLA-280-Interim Antenna - Pattern Scatter Analysis
	Amount:	\$1,050.00
	Component Description:	KXLA Interim Antenna Patter Scatter Analysis
	Amount:	\$1,050.00

Side mount brackets for high power antennas (if not included in antenna base cost)	Component Description:	KXLA Interim Antenna Side
	Amount:	Mount Brackets \$4,500.00
	Component Description:	KXLA Interim Antenna Side
	Amount:	Mount Brackets \$1,500.00
	Component Description:	30% payment for Interim side
	Amount:	mounts \$4,500.00
	Component Description:	Interim Antenna Side Mount Brackets
	Amount:	\$6,077.40

Sweep test of existing		
antenna	Component Description:	KXLA Interim Antenna Sweep
		Test
	Amount:	\$625.00
	Component Description:	KXLA Interim
		Antenna Sweep Test
	Amount:	\$1,875.00
	Component Description:	Interim Antenna
	Amount:	Sweep Test \$1,875.00
		00%
	Component Description:	30% payment for Interim sweep test
	Amount:	\$1,875.00
UHF - High Power, Side Mount, basic slot antenna, 670 kW input, directional,,	Component Description:	Interim Antenna
elliptically or circularly polarized	Amount:	\$83,121.80
	Component Description:	10% net invoice Interim Antenna
	Amount:	\$5,036.00
	Component Description:	30% Payment for Interim Antenna
		per proposal: 20180124-863
	Amount:	\$61,608.00
	Component Description:	30% payment for
		Interim antenna

Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Component Description:	KXLA Primary Antenna Pattern Scatter Analysis
	Amount:	\$1,050.00
	Component Description:	30% payment for Main scatter study
	Amount:	\$1,050.00
	Component Description:	KXLA Primary
		Antenna Pattern Scatter Analysis
	Amount:	\$1,050.00
	Component Description:	KXLA Primary
		Antenna Patter Scatter Analysis
	Amount:	\$350.00
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.	

UHF - High Power, Side Mount, basic slot antenna, 670 kW input, directional,, elliptically or circularly polarized	Component Description: Amount:	30% payment ES Main Antenna \$65,893.77
	Component Description:	10% net invoice
	Amount:	primary Antenna \$14,690.95
	Component Description:	30% Payment for primary Antenna per proposal
	Amount:	20180124-864 \$56,958.00
	Component Description:	30% deposit of
	Amount:	Main antenna \$64,570.20
Side mount brackets for high power antennas (if not included in antenna base	Component Description:	30% payment for Main side mounts
cost)	Amount:	\$4,500.00
	Component Description:	KXLA Primary Antenna Side Mount Brackets
	Amount:	\$5,175.00
	Component Description:	KXLA Primary Antenna Side
	Amount:	Mount Brackets \$1,500.00
	Component Description:	KXLA Primary Antenna Side
	I. I	Mount Brackets

antenna	Component Description:	KXLA Primary
		Antenna Sweep
		Test
	Amount:	\$1,875.00
	Component Description:	KXLA Primary
		Antenna Sweep
		Test
	Amount:	\$1,875.00
	Component Description:	KXLA Primary
		Antenna Sweep
		Test
	Amount:	\$625.00
	Component Description:	30% payment fo
		Main system
		sweep
	Amount:	\$1,875.00

Transmission Line

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmission Line	\$92,800.00	\$89,999.21		\$57,414.98	
Rigid Transmission Line - copper, 6 1 /8" broadband	\$92,800.00	\$89,999.21	N/A	\$57,414.98	N/A
Primary Transmission Line	\$104,400.00	\$99,450.00		\$54,349.01	
Rigid Transmission Line - copper, 6 1 /8" broadband	\$104,400.00	\$99,450.00	N/A	\$54,349.01	N/A
Sub-total	\$197,200.00	\$189,449.21	N/A	\$111,763.99	N/A
Total for all systems	\$4,028,783.36	\$3,848,535.51	N/A	\$2,522,150.05	N/A

Actual Information	
Description	File Name

Rigid Transmission Line - copper, 6 1/8" broadband	Component Description:	30% payment for Interim
	Amount:	transmission line \$24,438.16
	Component Description:	Interim
	Amount:	Transmission Line \$32,976.82
	Component Description:	KXLA Interim
	Amount:	Transmission Line \$8,146.05
	Component Description:	KXLA Interim
	Amount:	Transmission Line \$24,438.16
Rigid Transmission Line - copper, 6 1/8" broadband	Component Description	
	Component Description: Amount:	KXLA Primary Transmission Line \$8,529.11
	Component Description:	KXLA Primary
	Amount:	Transmission Line \$28,761.68
	Component Description:	30% payment for Main transmission
	Amount:	line \$25,587.33
	Component Description:	KXLA Primary
	Amount:	Transmission Line \$25,587.33

Tower Equipment and Rigging Costs

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Tower	\$474,950.00	\$148,684.00		\$29,517.50	
structal engineering and mapping	\$53,950.00	\$53,950.00	N/A	\$29,517.50	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$94,734.00	N/A	\$0.00	N/A
New tower	\$0.00	\$0.00	N/A	\$0.00	N/A
Primary Tower LTOWER	\$254,800.00	\$389,537.94		\$23,760.00	
Short Tower (less than 500')	\$84,200.00	\$182,275.00	Per JTD Consulting Inc 060818S1	\$0.00	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$49,449.94	per cost estimate apportioned per ATC	\$23,760.00	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$157,813.00	Per Wireless Infrastructure Services Proposal Rev 3	\$0.00	N/A
Sub-total	\$729,750.00	\$538,221.94	N/A	\$53,277.50	N/A

Total for all	\$4,028,783.36	\$3,848,535.51	N/A	\$2,522,150.05	N/A
systems					

Actual Information Description	File Name	
structal engineering and mapping	Component Description: Amount:	KXLA-490-Interim Tower - Structural Engineering Load Study and Tower Mapping \$1,137.50
	Component Description: Amount:	KXLA-Interim Tower - Structural Engineering Load Study and Tower Mapping \$1,560.00
	Component Description: Amount:	Broadcast Tower Mapping, Broadcast Structural \$26,820.00
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Information not provided.	
New tower	Information not provided.	
Short Tower (less than 500')	Information not provided.	

Structural engineering tower load study for well		
documented tower	Component Description:	Broadcast Towe
documented tower		Mapping,
		Broadcast
		Structural
	Amount:	\$22,320.00
	Component Description:	Broadcast
		structural
	Amount:	\$1,440.00
Minor tower reinforcement /modifications	Information not provided.	

Outside Professional Services

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cos Justificatio
Outside Professional Services	\$212,644.60	\$241,770.60		\$48,798.72	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$1,137.50	Greg Best 1215	\$1,137.50	N/A
Other Engineering Services	\$3,724.60	\$3,724.60	Please see the attached invoices from Greg Best Consulting, Inc. #973, #993 and 1279, Pacific Rim Engineering 537	\$3,724.60	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	\$6,424.72	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	\$0.00	N/A

Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	\$0.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$0.00	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$2,975.00	Greg Best Consulting Invoice #1110 and #1316	\$2,975.00	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$0.00	N/#
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$6,300.00	N/#
Prepare and or review reimbursement form	\$2,630.00	\$5,008.50	Greg Best Consulting Invoice #1047, #1101, #1110, #993, #1071	\$5,008.50	N/A

Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	\$0.00	N/A
Project management of the transition	\$94,010.00	\$127,175.00	KXLA Widelity Strategic Support quote & Per Wireless Infrastructure Services Quote	\$23,228.40	N/A
Sub-total	\$212,644.60	\$241,770.60	N/A	\$48,798.72	N/A
Total for all systems	\$4,028,783.36	\$3,848,535.51	N/A	\$2,522,150.05	N/A

Actual Information Description	File Name	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description:	Repack Engineering Services. Creation and upload of exhibits for CP mod for revised antenna. Creation of supplemental exhibit for "largest station in the market" comparison. \$1,137.50

	Component Description:	KXLA-590-Other
		Engineering
		Services
	Amount:	\$175.00
		••••••
	Component Description:	KXLA-590-Other
		Engineering
	A	Services
	Amount:	\$175.00
	Component Description:	Cover Dismantling
		of KXLA analog
		transmitter at you
		Mt. Wilson site
	Amount:	\$2,809.60
	Component Description:	KXLA-590-Other
		Engineering
		Services
	Amount:	\$175.00
	Component Description:	Electronic
		equipment
		monitoring
	Amount:	\$390.00
Comprehensive coverage verification via field study, if		
needed	Component Description:	KXLA Repack
		Engineering Services from 1-1
		19 through 2-1-19
		performed by Gre
		Best
	Amount:	\$6,424.72
Attorney Fees - Prepare	Information not provided.	
and File request for Special		
Temporary Authorization		

Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.	
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.	
Prepare request for Special Temporary Authorization	Component Description:	KXLA-530-RF Eng - Special Temporary Authorization
	Amount:	\$1,225.00
	Component Description:	Service through 8- 4-18. Interim STA extra exhibits and conference with FCC regarding STA facility potential interference with Mexican stations. \$1,225.00
	Component Description: Amount:	Repack Engineering Services performed by Greg Best from 2-2-19 through 3-31-19. \$525.00
Prepare engineering section	Information not provided.	
of FCC Form 2100 (main), License to Cover Application		

Perform engineering study for new channel assignment and antenna development	Component Description: Amount:	Engineering repack services 10- 1-18 through 11-2- 18 performed by Greg Best. \$1,750.00
	Component Description:	Engineering repack services from 8-1-18 to 9-1- 18 performed by Greg Best for KXLA.
	Amount:	\$1,050.00
	Component Description: Amount:	Engineering Repack Service 11-30-17 through 12/31/17 performed by Greg Best \$875.00
	Component Description:	KXLA-530-RF Eng - Engineering Study for New Channel Assignment
	Amount:	\$1,575.00
	Component Description:	KXLA-530-RF Eng - Engineering Study for New Channel
	Amount:	Assignment \$1,050.00
Prepare and or review reimbursement form	Component Description: Amount:	Professional Services \$458.50

Component Description: Amount:	"Repack Engineering Services 2-1-18 through 3/2/18 performed by Greg Best. KXLA 399 form revision and FCC support." \$1,050.00
Component Description: Amount:	Repack Engineering Service 4-1-18 through 4/18/18 performed by Greg Best. \$1,050.00
Component Description: Amount:	Service thru 11/2 /17. Repack engineering Services Assist with response to FCC regarding 399 form verification. \$612.50
Component Description: Amount:	Engineering Repack Service 1- 1-18 through 2/3 /18 performed by Greg Best. \$525.00
Component Description: Amount:	Repack Engineering Service from 6-1- 18 through 6-31- 18 performed by Greg Best. \$787.50

	Component Description: Amount:	Repack Engineering Service 5-2-18 through 6-1-18 performed by Gre Best. \$525.00
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	
Project management of the transition		
	Component Description:	Project
		Management
	Amount:	\$5,820.95
	Component Description:	Project
		Management
	Amount:	\$7,098.20
	Component Description:	Project
		Management
	Amount:	\$10,309.25

Other Expenses

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$252,444.00	\$251,879.00		\$27,246.00	
ATC Site Coordination Meeting	\$5,000.00	\$5,000.00	Please see the attached invoice from American Tower Corp (ATC) # 460211945	N/A	N/A
Sales or Use tax	\$174,864.00	\$174,864.00	Sales/use tax for purchases. KXLA receives a special rate of 3.75 percent.	\$0.00	N/A
Forestry Approval	\$2,500.00	\$2,500.00	N/A	N/A	N/A
MVPD Notification of Channel Change	\$3,500.00	\$3,500.00	N/A	\$0.00	N/A
Equipment Storage	\$2,500.00	\$2,500.00	Per Wireless Infrastructure Services Quote	\$0.00	N/A
Equipment Delivery and Handling Charges	\$5,000.00	\$5,000.00	Per Wireless Infrastructure Services Quote	\$0.00	N/A

Disposal Costs (for equipment and other waste, net of any salvage value)	\$40,000.00	\$40,000.00	N/A	\$27,246.00	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	\$0.00	N/A
BLM or NFS Coordination	\$5,000.00	\$5,000.00	N/A	\$0.00	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$0.00	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	\$0.00	N/A
Local Zoning	\$2,000.00	\$2,000.00	N/A	\$0.00	N/A
Sub-total	\$252,444.00	\$251,879.00	N/A	\$27,246.00	N/A
Total for all systems	\$4,028,783.36	\$3,848,535.51	N/A	\$2,522,150.05	N/A

Actual Information Description	File Name
ATC Site Coordination Meeting	Information not provided.
Sales or Use tax	Information not provided.
Forestry Approval	Information not provided.
MVPD Notification of Channel Change	Information not provided.
Equipment Storage	Information not provided.

Equipment Delivery and Handling Charges	Information not provided.	
Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description:	Labor and equipment to remove 4 each 3500 pound electrical transformers \$750.00
	Component Description:	Removal of KXLA interim transmitter
	Amount:	electrical system \$14,076.00
	Component Description:	removal of KXLA main transmitter electrical system
	Amount:	\$12,420.00
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
BLM or NFS Coordination	Information not provided.	
DTV Medical Facility Notification	Information not provided.	
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
Local Zoning	Information not provided.	

Cost	Grand Total			
Information		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$4,028,783.36	\$3,848,535.51	\$2,522,150.05

Reimbursem	entestiatus	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.	
		 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.	eddie hernandez Director of Engineering 05/31/2019

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).	
		 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 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.	eddie herenandez Director of Engineering
a r	requirements for which compliance is a prerequisite for obtaining the payments herein requested. declare, under penalty of perjury, that I am an authorized representative of the above- named applicant for the Authorization(s)

Attachments