

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility	24508	Service: DTV	Call	KHSL-TV	Channel: 36 (UHF)
ID:			Sign:		
File	000002	27715			
Number:					
FRN: 00	24763286	Date	12/30		
		Submitted:	/2019		

Applicant Name, Type, and Contact Information

Applicant Information

Applicant	Address	Phone	Email	Applicant Type
CALIFORNIA TV LICENSE COMPANY, LLC	3282 NORTHSIDE PARKWAY SUITE 275 ATLANTA, GA 30327 United States	+1 (470) 355- 1944	jburgett@wileyrein. com	Limited Liability Company

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer	Preparer Contact Name and Information			
Preparer Contact Information	Applicant	Address	Phone	Email
	The Preparer is same as the reimbursement contact.			

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	Install new primary transmitter and interim side-mount antenna/line for temporary operation on repack channel 36 while instal new primary side-mount antenna/line for permanent repack channel 36 operations. Maintain interim antenna as backup.

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

Primary	Existing Transmitter Information			
Fransmitter	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	NV7500E	
		Year	2005	
		Туре	Solid State	
		Solid State Cooling	Liquid Cooled	
		Solid State Power Capacity	6.5 kW	

Existing Transmitter Information

Primary	New Transmitter Costs		
Transmitter	Section	Question	Response
	New Transmitter	Use	Primary (Main)
	Change Type	Change Type	Purchase New
		Is this a request for upgraded equipment?	No
		Manufacturer	
		Model	ULXTE12
		Transmitter Type	Solid State
		Solid State Cooling	Liquid Cooled
		Solid State Power capacity	8.5 kW
		Justification for New Transmitter	Current transmitter cannot be re- channeled to meet repack channel assignment and is no longer supported by manufacturer.

Other Transmitter Costs

Primary	Other Transmitter Costs			
Transmitter	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	Yes	
		Size	3 inches	
			1	

	Length	60.0 feet
	Other Electrical Service	Yes
	Description	Installation of electrical services
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?	Yes
	Size	120.0 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 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?	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	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Horizontal	
		Туре	Slotted Coaxial	
		Number of Stations Supported	N/A	
		Number of Panels	N/A	
		Design power capacity in use	N/A	
		Lower Limit	N/A	
		Upper Limit	N/A	
		Other Antenna Type	N/A	
		ERP: (Effective Radiated Power)	235.0 kW	
			-	

Manufacturer	
Model	JA/MS- 16SHBP
Year	2005

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?	No		
		Is antenna directional?	Yes		
		Will antenna be located on or in close proximity to an antenna farm?	Yes		
	New Antenna Manufacturer and Types	Class	Full Power		
		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)	205.0 kW		
		Manufacturer			
			1		

Model	ATW16H4- ESPX-36H
Year	2017
Justification for New Antenna	Current antenna cannot be re-tuned for use on repack channel.

Primary Other Antenna Costs

Antenna

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
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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	
		Is antenna directional?Will antenna be located on or in close proximity to an antenna farm?ClassMountingAntenna position in stackPolarization	No	
	New Antenna Manufacturer and Type	Class	Full Power	
		Mounting	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Horizontal	
		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)	120.0 kW	
		Manufacturer		
		Model	ALP16L4- HSPX-36	
		Year	2017	

Justification for New Antenna	Interim antenna and
	transmission
	line needed
	to maintain
	on-air
	service
	while new
	primary
	antenna and
	transmission
	line installed.

Other Antenna Costs

Interim Antenna

Section	Question	Response
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	S
	Feed Line Size	3 1/8 inches
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

InterimOther Antenna Cost Not ListedAntennaInformation not provided.

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

ransmissio	Section	Question	Response
	Existing Transmission Line Description	Type of change	Purchase New
		Use	Primary (Main)
		Description of Use	N/A
		Ownership	Owned
		Owner	N/A
		Site	N/A
		Is the existing transmission line shared with another station or stations?	No
		Is Transmission Line in operating condition?	Yes
	Existing Transmission	Manufacturer	
	Line Manufacturer and Type	Туре	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	480 feet per run

Primary Existing Transmission Line

Primary	New Transmission Line		
Transmissio	n Section	Question	Response
	New Transmission Line Costs	Use	Primary (Main)
		Description of Use	N/A
		Change Type	Purchase New
		Is this a request for upgraded equipment?	No
		Туре	Rigid
		Diameter	6 1/8 inches
		Other Diameter	N/A
		Segment Length	20 inches
		Other Segment Length	N/A
		Number of parallel runs	1
		Length	520 feet per run
		Justification for New Transmission Line	New transmission line required for installation of new primary antenna.

Primary Other Transmission Line Expenses Not Listed

Transmission to me tion not provided.

Interim	New Transmission Line			
Transmissio	n Section	Question	Response	
	New Transmission Line	Use	Interim	
	Costs	Description of Use	N/A	
		Change Type	Purchase New	
		Туре	Flexible Air	
		Diameter	3 inches	
		Segment Length	N/A	
		Other Segment Length		
		Number of parallel runs	1	
		Length	400 feet per run	
		Justification for New Transmission Line	Interim antenna and transmission line needed to maintain on-air service while new primary antenna and transmission line installed.	

Interim Other Transmission Line Expenses Not Listed Transmission

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

marv	Existing	Tower
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Primary	Existing Tower				
Tower	Section	Question	Response		
	Existing Tower Description	Type of change	Move Equipment		
		Tower Use	Primary (Main)		
		Description of Use	N/A		
		Ownership	Owned		
		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	Yes		
		Is tower documented for structural analysis?	No		
		Is tower compliant with Rev G?	No		
	Existing Tower Structure	Do you have a tower registration number?	Yes		
	Registration	ASR Number	1258123		
	Coordinates (NAD83 (North American Datum of	Latitude (NAD83)	39° 57' 28.6" N-		
	1983))	Longitude (NAD83)	121° 42' 52.9" W-		
		Overall Structure Height	499.99 feet		
		Support Structure Height	497.04 feet		
		Ground Elevation Above Mean Sea Level (AMSL)	3495.04 feet		

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	California TV, LLC
Date Constructed	06/18/2008

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
22974	KHSL-FM	FM

Other Types of Users

Users

Paging Service

K18IS-D

Primary Tower Rigging Costs

Tower

SectionQuestionResponseTower Rigging CostsComplex TowerN/AHelicopter Services
RequiredAre helicopter services required?No

Primary Other Tower Expenses Not Listed

Tower Information not provided.

Outside	Section	Question	Response
Professional	I Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
		Number of Hours	595
		Explanation	KHSL does not have sufficient resource capacity and expertise in house to handle all of the reimbursement filing by the construction deadline for Phase 1. KHSL will hire an outside firm to ensure a timely and well managed transition.
	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	2

	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	Yes
	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	2
	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	No
	RF exposure measurements	No
	Additional Field Engineering Service	No
	Number of Days	N/A
		,

Other Professional Services Expenses Not Listed Professional Services roostsided.

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	No
		Non-zoning permits	No
		BLM or NFS Coordination	No
		FCC Construction Permit Minor Change	Yes
		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)?	No
		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 Not Listed

Other Expenses	Other Expenses Not Listed		
	Name	Description	
	Attorney Fees and Other Matters	Attorney Fees and Other Matters	

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
Primary Transmitter ULXTE12	\$502,420.00	\$477,740.00		\$318,829.72	
Other Building Addition Size: 120.0	\$1,800.00	\$1,800.00	10'x12' Concrete pad for Transmitter Heat exchanger and transformers.	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	\$494,500.00	\$470,000.00	N/A	\$318,473.55	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$3,120.00	\$2,940.00	3"x20' metal conduit, 4 x Long metal sweeps, and 180' #4 Wire.	N/A	N/A
Other Electrical Service: Installation of electrical services	\$3,000.00	\$3,000.00	Installation of electrical services	\$356.17	N/A
Sub-total	\$502,420.00	\$477,740.00	N/A	\$318,829.72	N/A
Total for all systems	\$1,773,098.75	\$1,420,183.69	N/A	\$1,080,507.72	N/A

Components

Actual Information Description	File Name	
Other Building Addition Size: 120.0	Information not provided.	
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	Component Description:	KHSL Primary Transmitter. Request does not include estimated costs for shipping and taxes which will be requested with a separate invoice when these expenses are incurred. \$318,473.55
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	
Other Electrical Service: Installation of electrical services	Component Description: Amount:	CU 8 ea THHN White, Red, Black, Blue \$70.45
	Component Description: Amount:	3 hole corner plate \$16.95
	Component Description:	1-3/4" Holesaw w advance edge conduit size 1-1 /4" internal
	Amount:	\$146.25
	Component Description:	1" SS EMT Coupling, 1" Pull ELL
	Amount:	\$122.52

Antennas

Cost Information

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

			Estimated		
Description	Predetermined Cost Estimate	Estimated Cost	Cost Justification	Actual Cost	Actual Cost Justification
Interim Antenna ALP16L4- HSPX-36	\$221,540.00	\$107,555.00		\$56,741.75	
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	\$0.00	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$22,000.00	N/A	\$0.00	N/A
Elbow complex, single channel, at antenna input, per 3 1/8. feedline (if needed)	\$7,600.00	\$7,400.00	N/A	\$0.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$0.00	N/A

UHF - Lower Power Side Mount, One station antenna - medium power (50- 200 kW), horizontally polarized	\$89,400.00	\$49,732.47	Total cost of Interim Antenna ALP16L- HSPX-36 is \$66,755.00 (per ERI proposal 20171011-935 Rev A). \$17,022.53 has already been forwarded for payment on the superseded Interim Antenna Cost Category, which leaves a remainder of \$49,732.47.	\$39,719.22	Per Proposa #20171011 935 for KHSI 003
UHF - Lower Power Side Mount, One station antenna - medium power (50- 200 kW), horizontally polarized	\$89,400.00	\$17,022.53	<pre>***System Notice: Estimate adjusted and locked because line has been superseded. ***</pre>	\$17,022.53	12/12/18 DO NOT UPLOA INVOICES T THIS COMPONEN PLEASE US NEW ANTENNA SECTION. Total cost of Interim Antenna ALP16L-HSP 36 is \$56,741.75. Form 399 system has split estimate into two separate line items, which when combined equal \$56,741.75

Primary Antenna ATW16H4- ESPX-36H	\$653,440.00	\$290,856.01		\$265,696.01	
Pattern scatter analysis for	\$5,260.00	\$5,000.00	N/A	\$0.00	N/A
side mount					
high/med					
power					
antennas					
(if not					
included in					
antenna					
base cost)					
Side mount	\$23,150.00	\$22,000.00	N/A	\$14,050.00	N/A
brackets					
for high					
power					
antennas					
(if not					
included in					
antenna					
base cost)					
Sweep test	\$6,730.00	\$6,400.00	N/A	\$6,250.00	N/A
of existing					
antenna					
UHF -	\$227,000.00	\$129,506.01	See ERI quote	\$129,146.01	х
Lower			20171013-		
Power			965. Partial		
Side			reimbursement		
Mount,			has already		
One			occurred for		
station			this antenna.		
antenna			Estimated cost		
200-500			deducts prior		
kW,			reimbursement		
elliptically			of \$116,250		
or			and adds		
circularly			taxes + freight		
polarized			per ERI		
			invoice KHSL- 003		

UHF -	\$189,500.00	\$58,125.00	***System	\$58,125.00	12/12/18 DO
Lower			Notice:		NOT UPLOAI
Power			Estimate		INVOICES T(
Side			adjusted and		THIS
Mount,			locked		COMPONEN
One			because line		PLEASE USE
station -			has been		NEW
200-500			superseded.		ANTENNA
kW,			***Estimated		SECTION.
horizontally			Cost includes		Invoice KHSL
polarized			tax and freight		003 includes
			expenses		total sales tax
			totaling		and freight
			\$51,646.01 for		charges for a
			primary and		equipment
			auxiliary		provided by
			antennas. See		ERI and
			Attachment		identified on
			"KHSL - ERI		invoice.
			Invoice KHSL-		
			003, Cover		
			Letter,		
			Explanation of		
			Variance and		
			Quotes		
			(submitted		
			10.16.18).pdf."		

UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	\$189,500.00	\$58,125.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***See attached "Invoice - KHSL-001 (revised 2.28.18), Cover Letter and Explanation of Variance." Also see attachment "KHSL - ERI Primary Antenna Quote #20171013- 965."	\$58,125.00	12/12/18 PLEASE DO NOT UPLOAI NEW INVOICES HERE.
Sub-total	\$874,980.00	\$398,411.01	N/A	\$322,437.76	N/A
Total for all systems	\$1,773,098.75	\$1,420,183.69	N/A	\$1,080,507.72	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)	Information not provided.
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.

Elbow complex, single channel, at antenna input, per 3 1/8. feedline (if needed)	Information not provided.	
Sweep test of existing antenna	Component Description:	Sweep test - primary antenna
	Amount:	\$1,875.00
	Component Description:	Sweep test for interim antenna not included on invoice.
	Amount:	N/A
UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	Component Description:	Antenna Equipment and Installation Services
	Amount:	\$17,022.52
	Component Description:	10% of total for Interim Antenna, Primary Antenna, Installation Services - Primary
	Amount:	and Interim \$5,674.17
	Component Description:	Interim Antenna (ALP16L4-HSPX-
	Amount:	36). Initial 30% payment. \$17,022.53

UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	Component Description:	Interim Antenna (ALP16L4-HSPX- 36). Second 30%
	Amount:	payment. \$17,022.53
	Component Description:	PLEASE MARK THIS INVOICE AS DENIED // Interim Antenna (ALP16L4-HSPX- 36). Third 30%
	Amount:	payment. N/A
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.	

Side mount brackets for high power antennas (if not included in antenna base cost)	Component Description:	Primary Antenna - Side Mount Brackets. Third
	Amount:	30% payment. \$4,215.00
	Component Description:	1st Primary Antenna - Side
	Amount:	Mount Brackets \$1,405.00
	Component Description:	Primary Antenna - Side Mount Brackets. Second
	Amount:	30% payment. \$4,215.00
	Component Description:	Primary Antenna - Side Mount Brackets. Initial 30% payment.
	Amount:	\$4,215.00

Sweep test of existing		
antenna	Component Description:	Primary Antenna -
		System Sweep
		test. Third 30%
		payment.
	Amount:	\$1,875.00
	Component Description:	1st Primary
		Antenna - Sweep
		Test
	Amount:	\$625.00
	Component Description:	Primary Antenna -
		System Sweep
		test. Second 30%
		payment.
	Amount:	\$1,875.00
	Component Description:	Primary Antenna -
		System Sweep
		test. Initial 30%
		payment.
	Amount:	\$1,875.00
UHF - Lower Power Side Mount, One station antenna	Component Description:	UHF Lower
200-500 kW, elliptically or	component Description.	Power Side
circularly polarized		Mount, E-POL
	Amount:	\$109,771.01
	Amount:	\$109,771.01
	Component Description:	1st Primary
		Antenna - UHF
		Lower Power Side
		Mount, E-POL
	Amount:	\$19,375.00
		ψτσ,στσ.συ
Elbow complex, single	Information not provided.	
channel, at antenna input, per 6 1/8. feedline (if needed)		

UHF - Lower Power Side Mount, One station - 200- 500 kW, horizontally polarized	Component Description:	12/12/18 Please mark this invoice as DENIED
	Amount:	N/A
	Component Description:	Primary Antenna ATW16H4-HSPX- 36H (H-pol pricing). Second 30% payment.
	Amount:	\$58,125.00
UHF - Lower Power Side Mount, One station - 200-		
500 kW, horizontally polarized	Component Description:	Primary Antenna ATW16H4-HSPX- 36H (H-pol pricing). Initial 30% payment.
	Amount:	\$58,125.00

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	\$23,600.00	\$28,293.55		\$21,679.39	
Flexible Air Transmission Line - dielectric, 3"	\$23,600.00	\$28,293.55	Per ERI proposal 20171011- 935 Rev A, 500' of 3" Heliax line with associated connectors and hanging hardware.	\$21,679.39	N/A
Primary Transmission Line	\$105,040.00	\$111,719.31		\$105,499.34	
Rigid Transmission Line - copper, 6 1/8"	\$105,040.00	\$111,719.31	see Estimated Cost Justification KHSL-310- Primary Transmission Line - Rigid Copper v0	\$105,499.34	N/A
Sub-total	\$128,640.00	\$140,012.86	N/A	\$127,178.73	N/A
Total for all systems	\$1,773,098.75	\$1,420,183.69	N/A	\$1,080,507.72	N/A

Actual Information	
Description	File Name

Flexible Air Transmission Line - dielectric, 3"	Component Description: Amount:	Interim Antenna - Flexible Air Transmission Line. Second 30% payment. \$6,423.23
	Component Description:	Interim Antenna - Flexible Air Transmission Line. Third 30% payment.
	Amount:	\$6,423.23
	Component Description:	Interim Transmission Line, 3" Flexible Air Dielectric
	Amount:	\$2,141.07
	Component Description:	Interim Antenna - Flexible Air Transmission Line. Initial 30% payment.
	Amount:	\$6,423.23
	Component Description:	Hanger Kit 3" Coaxial
	Amount:	\$268.63

copper, 6 1/8"	Component Description:	MACXLINE 6 1/8 50 OHM CUSTON
		SECTION 45.2
	Amount:	\$11,919.61
	Component Description:	Primary Antenna - Rigid
		Transmission Line (Copper 6-1/8"). Third 30%
		payment.
	Amount:	\$28,073.92
	Component Description:	Primary
		Transmission Line
		- Rigid Copper, 6
	Amount:	/8" \$0.257.07
	Amount.	\$9,357.97
	Component Description:	Primary Antenna -
		Rigid Transmission Line
		(Copper 6-1/8").
		Initial 30%
		payment.
	Amount:	\$28,073.92
	Component Description:	Primary Antenna ·
		Rigid
		Transmission Line
		(Copper 6-1/8").
		Second 30%
		payment.
	Amount:	\$28,073.92

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 Primary Tower TOWER	Predetermined Cost Estimate \$84,200.00	Estimated Cost \$203,032.32	Estimated Cost Justification	Actual Cost \$203,032.32	Actual Cost Justification
Short Tower (less than 500')	\$84,200.00	\$203,032.32	ERI proposals 20180718- 730 & 20171013- 965 and taxes on ERI invoice 11/7/2018. See attachment "Invoice - KHSL-001, Cover Letter, Explanation of Variance and Quotes (submitted 4.25.2018). pdf."	\$203,032.32	Installation cost is for both Interim and Primary antennas.
Sub-total	\$84,200.00	\$203,032.32	N/A	\$203,032.32	N/A
Total for all systems	\$1,773,098.75	\$1,420,183.69	N/A	\$1,080,507.72	N/A

Actual Information			
Description	File Name		
Short Tower (less than 500')			

Component Description:	50% of total for Increased Antenna Installation Cost, Updated crew wages along with the addition of an ERI engineered rigging plan for KHSL-TV \$16,885.32
Component Description:	Primary and Interim Antenna systems installation. Third 30% payment. \$51,420.00
Component Description: Amount:	Existing Primary Tower - Tower Rigging \$17,140.00
Component Description: Amount:	Primary and Interim Antenna systems installation. Initial 30% payment. \$51,420.00
Component Description:	Primary and Interim Antenna systems installation.
Amount:	Second 30% payment. \$51,420.00

Component Description:	Increased
	Antenna
	Installation Cost
Amount:	\$14,747.00

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 Co Justificat
Outside Professional Services	\$132,555.00	\$151,288.75		\$84,319.65	
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$7,360.00	\$7,000.00	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	\$1,435.00	N/A
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	\$2,105.00	\$1,640.00	KHSL-TV Justification New Category Attorney CP App (Aux)	\$1,640.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$452.50	N/A
Prepare request for Special Temporary Authorization	\$4,100.00	\$3,000.00	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	\$700.00	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,562.50	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$1,250.00	N/A
Project management of the transition	\$94,010.00	\$99,675.00	Per Widelity quote KHSL-TV Strategic Support 12/16 /18 (uploaded into LMS)	\$55,070.90	N/A
Prepare and or review reimbursement form	\$2,630.00	\$18,723.75	per Estimated Cost Justification KHSL-590- Prepare and_or Review Reimbursement Form v3	\$22,208.75	Est equa subtota
Address transition timing and coordination	\$2,630.00	\$2,500.00	N/A	N/A	N/A
issues w/ other stations and wireless					

Total for all	\$1,773,098.75	\$1,420,183.69	N/A	\$1,080,507.72	N/A
systems					

Actual Information Description	File Name	
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.	
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Component Description: Amount:	KHSL-550-Attorney - License to Cover Application (Main) \$1,435.00
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	Component Description: Amount:	KHSL-550-Attorney - Construction Permit Application (Aux) \$1,640.00
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Component Description: Amount:	Legal Services \$452.50
Prepare request for Special Temporary Authorization	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Component Description: Amount:	Consulting Engineer \$700.00

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description: Amount:	Consulting Engineer \$687.50
	Component Description: Amount:	Engineer consulting \$875.00
Perform engineering study for new channel assignment and antenna development	Component Description: Amount:	Consulting Engineer \$250.00
	Component Description: Amount:	Engineer consulting \$312.50
	Component Description:	RF Eng - Engineering Study for New Channel Assignment
	Amount:	\$687.50
Project management of the transition	Component Description:	Project
	Amount:	Management \$8,868.20
	Component Description:	Project Management
	Amount:	\$3,885.80
	Component Description:	Project Management
	Amount:	\$3,092.40

Component Description: Project Management \$4,082.65 Amount: **Component Description:** Project Management Amount: \$3,219.30 **Component Description:** Project Management Amount: \$3,770.45 **Component Description:** Project Management Amount: \$3,535.60 **Component Description:** Project Management Amount: \$2,712.60 **Component Description:** Project Management Amount: \$2,959.70 **Component Description:** Project Management Amount: \$4,859.85 Project **Component Description:** Management Amount: \$6,227.30 **Component Description:** Project Management Amount: \$1,851.00

	Component Description: Amount:	Project Management \$6,006.05
Prepare and or review reimbursement form	Component Description: Amount:	Total Professional Services \$226.25
	Component Description: Amount:	Prepare Form 399 for submission \$226.25
	Component Description: Amount:	Legal services \$226.25
	Component Description: Amount:	Total Professional Services \$1,640.00
	Component Description:	KHSL-590-Prepare and/or Review Reimbursement
	Amount:	Form \$1,230.00
	Component Description:	KHSL-TV, Chico CA Channel Repack
	Amount:	\$226.25
	Component Description: Amount:	Legal services \$7,790.00

	Component Description:	Review and submit Form 399 reimbursement
	Amount:	request \$226.25
	Component Description:	Total Professional Services, Total Disbursements
	Amount:	\$226.25
	Component Description:	Total Professional Services
	Amount:	\$2,050.00
	Component Description:	Professional legal services
	Amount:	\$2,050.00
	Component Description:	General FCC Advice
	Amount:	\$1,435.00
	Component Description:	Total Professional Services
	Amount:	\$3,166.25
	Component Description:	Total Professional Services
	Amount:	\$1,490.00
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	

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	\$50,303.75	\$49,698.75		\$24,709.54	
Attorney Fees and Other Matters	\$20,913.75	\$20,913.75	see Estimated Cost Justification KHSL-610- Attorney Fees and Other Matters v3	\$16,523.75	N/A
MVPD Notification of Channel Change	\$5,000.00	\$5,000.00	N/A	\$3,650.00	N/A
Develop and air announcement of upcoming channel change	\$5,000.00	\$5,000.00	N/A	N/A	N/A
Equipment Storage	\$1,200.00	\$1,200.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	\$5,000.00	\$5,000.00	N/A	\$4,535.79	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
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	N/A	N/A	N/A
Sub-total	\$50,303.75	\$49,698.75	N/A	\$24,709.54	N/A
Total for all systems	\$1,773,098.75	\$1,420,183.69	N/A	\$1,080,507.72	N/A

Actual Information Description	File Name	
Attorney Fees and Other Matters	Component Description: Amount:	Total Professional Services \$1,230.00
	Component Description:	Prepare Form 399 repack reimbursement request
	Amount:	\$5,125.00
	Component Description:	Total Professional Services
	Amount:	\$615.00
	Component Description: Amount:	Total Professional Services \$410.00

General FCC Advice \$820.00
Total Professional Services \$205.00
Analyzed and responded to questions and
follow-up \$1,200.00
KHSL-TV, Chico, CA Channel Repack
\$1,025.00
Total Professional Services \$410.00
KHSL-610-Attorney Fees and Other Matters \$452.50
Total Professional Services \$1,640.00
Legal services \$931.25

	Component Description: Amount:	Professional legal services \$1,230.00
	Component Description:	Total Professional Services, Total Disbursements
	Amount: Component Description:	\$820.00 Professional legal
	Amount:	services \$410.00
MVPD Notification of Channel Change	Component Description: Amount:	MVPD Notification Services \$1,385.00
	Component Description: Amount:	DTV Notification Service \$2,265.00
Develop and air announcement of upcoming channel change	Information not provided.	
Equipment Storage	Information not provided.	
Equipment Delivery and Handling Charges	Component Description: Amount:	Forklift Rental Deposit for Repack work on tower \$4,535.79
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	

DTV Medical Facility Notification	Component Description:	DTV Notification Service, Notification of Medical Facilities- Transmitter Medical Facility Notification per proposal. \$3,183.00
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.	

Cost	Grand Total			
Information		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$1,773,098.75	\$1,420,183.69	\$1,080,507.72

Reimbursem	entestiatus	Response
	The facility has ceased operating on its pre- auction channel.	Yes
	Construction of final facilities or all necessary modifications are complete.	Yes
	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.	Robert S. Prather , Jr <i>CEO</i> 12/30/2019

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.

	 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. 	
an a nam	clare, under penalty of perjury, that I am authorized representative of the above- ned applicant for the Authorization(s) cified above.	Robert S. Prather , Jr CEO
		12/30/2019

Certification	Section	Question	Response
	Submission of Final Allocation or Accounting Information 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 and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. The above- named entity acknowledges that all certifications and attached documentation are considered material representations. The above-named entity acknowledges the submission of the information herein 	
		creates no obligation on the part of the government to pay any amount.	

3. The above-named entity certifies that all costs identified as "actual costs" herein accurately represent the costs actually paid by the above- named entity, including any discounts, refunds, or rebates.	
4. 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.	
5. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.	
6. 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.	Robert S. Prather , Jr CEO
	12/30/2019

Attachments