

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

24508 Service: DTV Channel: 36 (UHF) Facility Call KHSL-TV Sign:

ID:

File 0000027715

Number:

FRN: 0024763286 Date 12/16

> Submitted: /2019

Applicant Information

Applicant Name, Type, and Contact 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 Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email

The Preparer is same as the reimbursement contact.

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.	No
Briefly describe transition plan	Install new primary transmitter and interim side-mount antenna/line for temporary operation on repack channel 36 while install new primary side-mount antenna/line for permanent repack channel 36 operations.

Transmitters Se

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

Maintain interim antenna as backup.

Primary Transmitter

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter	Manufacturer	
Manufacturer and Type	Model	NV7500E
	Year	2005
	Туре	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power Capacity	6.5 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?	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.

Primary 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	Yes
	Size	3 inches

	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 Transmitte **Other Transmitter Cost Not Listed**

Transmitter Information not provided.

Antennas

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

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	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	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

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna	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)	205.0 kW
	Manufacturer	

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

Other Antenna Costs

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	Yes
	transmission line and antenna?	

Other Antenna Cost Not Listed

Information not provided.

Interim Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna	Class	Full Power
Manufacturer and Type	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
Justilication for New Antenna	
	antenna and
	transmission
	line needed
	to maintain
	on-air
	service
	while new
	primary
	antenna and
	transmission
	line installed.

Interim Antenna

Other Antenna Costs

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

Interim Antenna

Other Antenna Cost Not Listed

Information not provided.

Transmission ^{Seffien}	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Primary Transmission Line

Existing Transmission Line

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

New Transmission Line

Transmission	n Seithen	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 loine tion not provided.

Interim

New Transmission Line

Transmission Line New Transmission Line Costs	Question	Response	
		Use	Interim
		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
		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 Line tion not provided.

Tower Equipment And Rigging Costs

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

Primary Tower

Existing 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 fee

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
K18IS-D
Paging Service

Primary Tower

Tower Rigging Costs

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

Primary Tower

Other Tower Expenses Not Listed

Information not provided.

Outside Professional

Section	Question	Response
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

Justification	N/A
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Outside
Professional Services Expenses Not Listed
Professional Services © pstsided.

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	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

Other Expenses Not Listed

Name	Description
Attorney Fees and Other Matters	Attorney Fees and Other Matters

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 ULXTE12	\$502,420.00	\$477,740.00		\$318,829.72	
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
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
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	\$1,073,529.52	N/A

Components

Actual Information Description	File Name	
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	Component Description: Amount:	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:	3 hole corner plate \$16.95
	Component Description: Amount:	CU 8 ea THHN White, Red, Black, Blue \$70.45
	Component Description: Amount:	1" SS EMT Coupling, 1" Pull ELL \$122.52
	Component Description: Amount:	1-3/4" Holesaw w advance edge conduit size 1-1 /4" internal \$146.25
Other Building Addition Size: 120.0	Information not provided.	ψιτυ.Δυ

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 ALP16L4- HSPX-36	\$221,540.00	\$107,555.00		\$56,741.75	
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
Sweep test of existing antenna	\$6,730.00	\$6,400.00	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
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
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

UHF - Lower Power Side Mount, One station antenna - medium power (50- 200 kW), horizontally polarized	\$89,400.00	\$17,022.53	***System Notice: Estimate adjusted and locked because line has been superseded. ***	\$17,022.53	12/12/18 DO NOT UPLOA INVOICES T THIS COMPONEN PLEASE US NEW ANTENNA SECTION. Total cost of Interim Antenna ALP16L-HSF 36 is \$56,741.75 Form 399 system has split estimat 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 side mount high/med power antennas (if not included in antenna	\$5,260.00	\$5,000.00	N/A	\$0.00	N/A

base cost)

Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$22,000.00	N/A	\$14,050.00	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 - Lower Power Side Mount, One station antenna 200-500 kW, elliptically or circularly polarized	\$227,000.00	\$129,506.01	See ERI quote 20171013- 965. Partial reimbursement has already occurred for this antenna. Estimated cost deducts prior reimbursement of \$116,250 and adds taxes + freight per ERI invoice KHSL- 003	\$129,146.01	X
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,250.00	N/A

UHF -	\$189,500.00	\$58,125.00	***System	\$58,125.00	12/12/18 DC
Lower			Notice:		NOT UPLOAI
Power			Estimate		INVOICES TO
Side			adjusted and		THIS
Mount,			locked		COMPONENT
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 -	\$189,500.00	\$58,125.00	***System	\$58,125.00	12/12/18
Lower	. , ,	. ,	Notice:	. ,	PLEASE DO
Power			Estimate		NOT UPLOA
Side			adjusted and		NEW
Mount,			locked		INVOICES
One			because line		HERE.
station -			has been		
200-500			superseded.		
kW,			***See		
horizontally			attached		
polarized			"Invoice -		
			KHSL-001		
			(revised		
			2.28.18),		
			Cover Letter		
			and		
			Explanation of		
			Variance."		
			Also see		
			attachment		
			"KHSL - ERI		
			Primary		
			Antenna		
			Quote		
			#20171013-		
			965."		
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	\$1,073,529.52	N/A

Components

Actual Information		
Description	File Name	

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

Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.	
UHF - Lower Power Side		
Mount, One station antenna - medium power (50-200 kW), horizontally polarized	Component Description:	Interim Antenna (ALP16L4-HSPX- 36). Second 30% payment.
	Amount:	\$17,022.53
		5. 5. 65 5. /
	Component Description:	PLEASE MARK THIS INVOICE
		AS DENIED //
		Interim Antenna
		(ALP16L4-HSPX-
		36). Third 30% payment.
	Amount:	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 **Component Description:** Primary Antenna included in antenna base Side Mount cost) Brackets. Third 30% payment. Amount: \$4,215.00 **Component Description:** 1st Primary Antenna - Side Mount Brackets \$1,405.00 Amount: **Component Description:** Primary Antenna -Side Mount Brackets. Second 30% payment. Amount: \$4,215.00 **Component Description:** Primary Antenna -Side Mount Brackets. Initial 30% payment. Amount: \$4,215.00 Elbow complex, single Information not provided. channel, at antenna input, per 6 1/8. feedline (if needed) UHF - Lower Power Side Mount, One station antenna **Component Description: UHF** Lower -- 200-500 kW, elliptically or Power Side circularly polarized Mount, E-POL Amount: \$109,771.01 1st Primary **Component Description:** Antenna - UHF Lower Power Side Mount, E-POL \$19,375.00 Amount:

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. Initial 30%
		payment.
	Amount:	\$1,875.00
	Component Description:	Primary Antenna -
		System Sweep
		test. Second 30%
		payment.
	Amount:	\$1,875.00
UHF - Lower Power Side Mount, One station - 200-		
500 kW, horizontally	Component Description:	Primary Antenna
polarized		ATW16H4-HSPX-
•		36H (H-pol
		pricing). Second
	Amount:	30% payment. \$58,125.00
	Amount.	ψυυ, 12υ.υυ
	Component Description:	12/12/18 Please
		mark this invoice
		as DENIED
	Amount:	N/A

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

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	\$23,600.00	\$28,293.55	Justinication	\$21,679.39	Justinication
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	\$1,073,529.52	N/A

Components

Actual Information		
Description	File Name	

Flexible Air Transmission Line - dielectric, 3"

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.

Second 30% payment.

Amount: \$6,423.23

Component Description: Interim Antenna -

Flexible Air

Transmission Line.

Initial 30%

payment.

Amount: \$6,423.23

Component Description: Hanger Kit 3"

Coaxial

Amount: \$268.63

Rigid Transmission Line - copper, 6 1/8"

Component Description: MACXLINE 6 1/8

50 OHM CUSTOM 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 1

/8"

Amount: \$9,357.97

Component Description: Primary Antenna -

Rigid

Transmission Line (Copper 6-1/8").
Second 30%
payment.
\$28,073.92

Amount:

Component Description:

Rigid

Transmission Line (Copper 6-1/8"). Initial 30%

Primary Antenna -

payment. \$28,073,92

Amount: \$28,073.92

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		Estimated Cost	Estimated Cost Justification		Actual Cost Justification
Primary Tower TOWER	\$84,200.00	\$203,032.32		\$203,032.32	
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	\$1,073,529.52	N/A

Components

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

Amount: \$16,885.32

Component Description: Primary and

Interim Antenna

systems

installation. Third 30% payment.

Amount: \$51,420.00

Component Description: Existing Primary

Tower - Tower

Rigging

Amount: \$17,140.00

Component Description: Primary and

Interim Antenna

systems

installation. Initial 30% payment.

Amount: \$51,420.00

Component Description: Primary and

Interim Antenna

systems installation. Second 30% payment.

Amount: \$51,420.00

Component Description: Increased

Antenna

Installation Cost

Amount: \$14,747.00

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 Cost Estimated Cost Justification Actual Cost Outside Professional Services \$132,555.00 \$151,288.75 \$77,341.45 Attorney Fees - Prepare and File request for Special Temporary Authorization \$7,360.00 \$7,000.00 N/A \$0.00 Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application \$2,365.00 \$2,250.00 N/A \$1,435.00 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 \$452.50 Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application \$5,260.00 \$5,000.00 N/A \$452.50 Prepare request for Special \$4,100.00 \$3,000.00 N/A N/A N/A						
Professional Services S7,360.00 \$7,000.00 N/A \$0.00 Attorney Fees - Prepare and File request for Special Temporary Authorization \$2,365.00 \$2,250.00 N/A \$1,435.00 Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application \$2,105.00 \$1,640.00 KHSL-TV Justification New Category Attorney CP App (Aux) \$1,640.00 New Category Attorney CP App (Aux) \$4,640.00 N/A \$452.50 \$452.50 Prepare and File FCC Form 2100 (main), Construction Permit Application \$4,100.00 \$3,000.00 N/A N/A N/A Prepare request for \$4,100.00 \$3,000.00 N/A N/A N/A	Description				Actual Cost	Actual Co
- Prepare and File request for Special Temporary Authorization Attorney Fees - \$2,365.00 \$2,250.00 N/A \$1,435.00 Prepare and File FCC Form 2100 (main), License to Cover Application Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit or License Application Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application Prepare \$4,100.00 \$3,000.00 N/A N/A N/A Request for	Professional	\$132,555.00	\$151,288.75		\$77,341.45	
Prepare and File FCC Form 2100 (main), License to Cover Application Attorney Fees \$2,105.00 \$1,640.00 KHSL-TV Justification Permat and File Form 2100 Attorney CP App (Aux) Construction Permit or License Application Attorney Fees \$5,260.00 \$5,000.00 N/A \$452.50 Prepare and File FCC Form 2100 (main), Construction Permit Application Prepare \$4,100.00 \$3,000.00 N/A N/A Prepare \$4,100.00 \$3,000.00 N/A N/A	- Prepare and File request for Special Temporary	\$7,360.00	\$7,000.00	N/A	\$0.00	N/A
- Aux Antenna, prepare and Prepare and Permit or License Application - Permit Prepare and File FCC Form 2100 (main), Construction - Permit Application Prepare \$4,100.00 \$3,000.00 N/A N/A N/A request for	Prepare and File FCC Form 2100 (main), License to Cover	\$2,365.00	\$2,250.00	N/A	\$1,435.00	N/A
- Prepare and File FCC Form 2100 (main), Construction Permit Application Prepare \$4,100.00 \$3,000.00 N/A N/A request for	- Aux Antenna, prepare and File Form 2100 Construction Permit or License	\$2,105.00	\$1,640.00	Justification New Category Attorney CP	\$1,640.00	N/A
request for	- Prepare and File FCC Form 2100 (main), Construction Permit	\$5,260.00	\$5,000.00	N/A	\$452.50	N/A
Temporary Authorization	request for Special Temporary	\$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
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Project management of the transition	\$94,010.00	\$99,675.00	Per Widelity quote KHSL-TV Strategic Support 12/16 /18 (uploaded into LMS)	\$48,092.70	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

Total for all	\$1,773,098.75	\$1,420,183.69	N/A	\$1,073,529.52	N/A
systems					

Components

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 **Component Description:** Consulting (main), Construction Engineer Permit Application \$687.50 Amount: **Component Description:** Engineer consulting Amount: \$875.00 Perform engineering study for new channel **Component Description:** Consulting assignment and antenna Engineer development Amount: \$250.00 **Component Description:** Engineer consulting Amount: \$312.50 **Component Description:** RF Eng -**Engineering Study** for New Channel Assignment Amount: \$687.50 Address transition timing Information not provided. and coordination issues w/ other stations and wireless Project management of the transition **Component Description:** Project Management Amount: \$4,082.65 **Component Description:** Project Management \$3,219.30 Amount: **Component Description:** Project Management Amount: \$3,770.45

Component Description: Project

Management

Amount: \$2,712.60

Component Description: Project

Management

Amount: \$3,535.60

Component Description: Project

Management

Amount: \$4,859.85

Component Description: Project

Management

Amount: \$6,227.30

Component Description: Project

Management

Amount: \$1,851.00

Component Description: Project

Management

Amount: \$8,868.20

Component Description: Project

Management

Amount: \$2,959.70

Component Description: Project

Management

Amount: \$6,006.05

Prepare and or review reimbursement form

Component Description:

Amount:

Legal services

\$7,790.00

Component Description: Total Professional

Services

Amount: \$226.25

Component Description: Prepare Form 399

for submission

Amount: \$226.25

Component Description: Legal services

Amount: \$226.25

Component Description: Total Professional

Services

Amount: \$1,490.00

Component Description: Total Professional

Services

Amount: \$3,166.25

Component Description: Total Professional

Services

Amount: \$1,640.00

Component Description: Total Professional

Services

Amount: \$2,050.00

Component Description: General FCC

Advice

Amount: \$1,435.00

Component Description: KHSL-590-Prepare

and/or Review Reimbursement

Form

Amount: \$1,230.00

Component Description: Professional legal

services

Amount: \$2,050.00

Component Description: Total Professional

Services, Total Disbursements

Amount: \$226.25

Component Description: Review and submit

Form 399

reimbursement

request

Amount: \$226.25

Component Description: KHSL-TV, Chico

CA Channel

Repack

Amount: \$226.25

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	\$50,303.75	\$49,698.75		\$24,709.54	
Equipment Storage	\$1,200.00	\$1,200.00	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
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	\$5,000.00	\$5,000.00	N/A	N/A	N/A
MVPD Notification of Channel Change	\$5,000.00	\$5,000.00	N/A	\$3,650.00	N/A

Total for all systems	\$1,773,098.75	\$1,420,183.69	N/A	\$1,073,529.52	N/A
Sub-total	\$50,303.75	\$49,698.75	N/A	\$24,709.54	N/A
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
Equipment Delivery and Handling Charges	\$5,000.00	\$5,000.00	N/A	\$4,535.79	N/A

Components

Actual Information Description	File Name	
Equipment Storage	Information not provided.	
DTV Medical Facility Notification	Component Description: Amount:	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.	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	

Develop and air announcement of upcoming channel change	Information not provided.	
MVPD Notification of Channel Change	Component Description:	MVPD Notification
	Amount:	Services \$1,385.00
	Component Description:	DTV Notification
	Amount:	Service \$2,265.00
Equipment Delivery and Handling Charges		
	Component Description:	Forklift Rental Deposit for Repack work on tower
	Amount:	\$4,535.79
Attorney Fees and Other		
Matters	Component Description:	Total Professional Services
	Amount:	\$1,230.00
	Component Description:	Total Professional
	Amount:	Services \$615.00
	Component Description:	Total Professional
	Amount:	Services \$410.00
	Component Description:	General FCC
	Amount:	Advice \$820.00
	Component Description:	Total Professional
		Services
	Amount:	\$205.00

Component Description: Analyzed and

Amount:

responded to questions and follow-up

\$1,200.00

Component Description: KHSL-TV, Chico,

CA Channel Repack

Amount: \$1,025.00

Component Description: Prepare Form 399

repack

reimbursement

request

Amount: \$5,125.00

Component Description: Total Professional

Services

Amount: \$410.00

Component Description: Total Professional

Services

Amount: \$1,640.00

Component Description: Legal services

Amount: \$931.25

Component Description: Professional legal

services

Amount: \$1,230.00

Component Description: Professional legal

services

Amount: \$410.00

Component Description: Total Professional

Services, Total Disbursements

Amount: \$820.00

Component Description: KHSL-610-Attorney

Fees and Other

Matters

Amount: \$452.50

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$1,773,098.75	\$1,420,183.69	\$1,073,529.52

Reimbursem	enrestiatus	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

Section Question Response

Submission of Estimated Expenses Statements

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.

- 1. The Authorized
 Person signing
 below certifies that he
 /she is authorized to
 submit this TV
 Broadcaster
 Relocation Fund
 Reimbursement
 Form on behalf of
 the above-named
 entity.
- 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.
- 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.

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

8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. Robert S.
Prather , Jr
.
CEO

12/16/2019

Section Question Response

Submission of Actual Cost Documentation Statements

WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISIONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).

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

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

- 8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
- 9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. Robert S.
Prather , Jr
.
CEO

12/16/2019

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.

- 1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. The abovenamed entity acknowledges that all certifications and attached documentation are considered material representations.
- 2. 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 abovenamed applicant for the Authorization(s) specified above. Robert S.
Prather , Jr
.
CEO

12/16/2019

Attachments