

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

51241 Service: DTV Channel: 18 (UHF) Call KALO Facility Sign:

ID:

File 0000026151

Number:

FRN: 0019041623 Date 07/19

> Submitted: /2019

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
KALO TV,	Brent Keane P.O. BOX 1256 HONOLULU, HI 96807 United States	+1 (808) 596-	Brent@KALOTV.	Not-for-
INC.		4417	COM	Profit

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
Anne Goodwin Crump FCC Attorney Fletcher, Heald & Hildreth, P. L.C.	Anne Goodwin Crump 1300 N 17th St. 11th Floor Arlington, VA 22209 United States	+1 (703) 812- 0426	crump@fhhlaw. com

Broadcaster Information and Transition Plan

Question	Response
Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	Yes
Briefly describe transition plan	Modified plan. KALO will move to nearby site. Will require new electrical and HVAC system, transmitter, and transmission system in existing building. Will share with KKAI the combiner, external transmission line, antenna, and new wooden support pole.

Transmitters

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

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	DXD-10U
	Year	2009
	Туре	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	2.0 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	TMU-9
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	1.2 kW
	Justification for New Transmitter	Existing Pineapple Technology Transmitter unsupported (company out-of- business) and cannot be retuned.

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	1.5 inches
	Length	60.0 feet

	Other Electrical Service	Yes
	Description	New service panel, small conduit, and electrical outlets.
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Cooling Only
	Size	5 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	Yes
Channel 14 Costs	Size	150.0 square feet
	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter

Other Transmitter Cost Not Listed

•	Name	Description
	Security and Fencing for Main Transmitter	A 50ft fence is for protection and security for access to the KALO room and associated equipment and is required by the site manager.

Interim Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Interim
	Description of Use	N/A
	Change Type	Purchase
	Manufacturer	
	Model	ACT-TRN-5X- U-28-C
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	2.2 kW
	Justification for New Transmitter	Existing Pineapple Transmitter is no longer supported - company is out of business and there are no engineers to retune. This Interim transmitter is required to accommodate channel repack while permanent location undergoes construction and preparation.

Interim Transmitter

Other Transmitter Costs

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

Other Transmitter Cost Not Listed

ı	Name	Description
	Interim Transmitter Installation	Includes installation of interim transmitter and removal of existing transmitter

Antennas

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

Primary Antenna

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	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	2
	Number of Panels	8
	Design power capacity in use	67.0 %
	Lower Limit	470.00 MHz
	Upper Limit	800.00 MHz
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	5.0 kW

Manufacturer	
Model	955518
Year	2009

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

Facility ID	Call Sign
3246	KAAH-TV

Primary Antenna

New Antenna Costs

Section	Question	Response
New Antenna	Use	Primary (Main)
Description	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	Yes
	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 Types	Mounting	Side Mount
	Antenna position in stack	Тор
	Polarization	Horizontal
	Туре	Broadband Panel
	Number of Stations Supported	2
	Number of Panels/Bays	12
	Lower Limit	470.00 MHz
	Upper Limit	620.00 MHz
	Design power capacity in use	4.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	50.0 kW
	Manufacturer	

Model	JUHD 10/2 (20 panel) Narrow Cardioid
Year	2018
Justification for New Antenna	Current antenna is 18 years old, cannot accommodate new channel, and is not retunable. New antenna to be shared by two or more stations.

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Туре	New
	Number of channels supported	2
	Frequencies of channels supported	RF channel
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	No
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 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?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	No

Enter a list of RF channel numbers.

RF Channel Number	
29	
18	

Primary Antenna

Other Antenna Cost Not Listed

Information not provided.

Interim Antenna

New Antenna Costs

Over the second of the second	escription of Use hange Type wnership wner antenna shared? antenna directional? fill antenna be located on or in close oximity to an antenna farm?	Interim N/A Purchase New Owned N/A No Yes No Full Power
Over the second of the second	wnership wner antenna shared? antenna directional? fill antenna be located on or in close eximity to an antenna farm?	Purchase New Owned N/A No Yes No
Ov Ov Is Is	wnership wner antenna shared? antenna directional? fill antenna be located on or in close foximity to an antenna farm?	New Owned N/A No Yes No
Over the second of the second	antenna shared? antenna directional? fill antenna be located on or in close eximity to an antenna farm?	N/A No Yes No
Is Is W	antenna shared? antenna directional? fill antenna be located on or in close oximity to an antenna farm?	No Yes No
ls W	antenna directional? (ill antenna be located on or in close roximity to an antenna farm?	Yes
W	fill antenna be located on or in close roximity to an antenna farm?	No
	oximity to an antenna farm?	
		Full Power
Manufacturer and Type Mo	ounting	Side Mount
Ar	ntenna position in stack	Middle
Po	olarization	Horizontal
Ту	/pe	Broadband Panel
Nu	umber of Stations Supported	1
Nu	umber of Panels/Bays	4
Lo	ower Limit	494.00 MHz
Up	pper Limit	500.00 MHz
De	esign power capacity in use	60.0 %
Ot	ther Antenna Type	N/A
EF	RP: (Effective Radiated Power)	74.0 kW
Ma	anufacturer	
М	odel	K723147
Ye	ear	2018

Justification for New Antenna	Interim
	antenna
	required
	while
	permanent
	location
	undergoes
	construction
	and
	preparation
	for
	transition.

Interim Antenna

Other Antenna Costs

Section	Question	Response
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an antenna?	No
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	No

Interim Antenna

Other Antenna Cost Not Listed

Information not provided.

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

Existing Transmission Line

Primary 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?	Yes
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	
	Туре	Flexible Foam
	Diameter	1 5/8 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	105 feet per run

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

Facility ID	Call Sign
3246	KAAH-TV

Primary

New Transmission Line Transmission Line Question Response **New Transmission Line** Use Primary Costs (Main) N/A Description of Use Change Type Purchase New Is this a request for upgraded equipment? No Flexible Air Type Diameter 3 inches Other Diameter N/A Segment Length N/A Other Segment Length N/A Number of parallel runs 1 Length 128 feet per run Justification for New Transmission Line Moving to site shared with KKAI. Costs lower than existing site. Old transmission line is 12 -14 years old, deteriorated from exposure to weather, can't be

> bent again, and is too short to reuse.

Primary Transmission

Other Transmission Line Expenses Not Listed

on Line	Description
Interior Transmission Line	Line from KALO-TV transmitter room to KKAI-TV transmitter room combiner. Approximately 60' 1-5/8" hard line.

Interim

New Transmission Line

Transmissio	n Line Section	Question	Response
	New Transmission Line	Use	Interim
Costs	Costs	Description of Use	N/A
	Change Type	Purchase New	
	Туре	Flexible Air	
		Diameter	7/8 inches
	Segment Length	N/A	
	Other Segment Length		
	Number of parallel runs	1	
		Length	200 feet per run
		Justification for New Transmission Line	Interim transmission line required while permanent location undergoes construction and preparation.

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	Construct New
	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?	Unknown
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1218023
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	21° 23' 33.6" N-
	Longitude (NAD83)	158° 05' 48.1" W-
	Overall Structure Height	198.82 feet
	Support Structure Height	198.82 feet
	Ground Elevation Above Mean Sea Level (AMSL)	2280.48 fee

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Salem Media of Hawaii
Date Constructed	10/03/2000

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
36242	KORL-FM	FM
51241	KALO	DTV
81538	KLHT-FM	FM
38244	KDDB	FM
10950	KAIM-FM	FM
16745	KQMQ-FM	FM
3246	KAAH-TV	DTV

Primary Tower

Tower Construction Costs

Section	Question	Response
Construct New Tower	Use	Primary (Main)
	Description of Use	N/A
	Is this a request for upgraded equipment?	No
	Height	100.00 feet
	Justification for New Tower	Existing pole is termite- ridden and unable to support new mounts and hanging of new transmission line.

Primary Tower

Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	N/A
Helicopter Services Required	Are helicopter services required?	Yes

Primary Tower

Other Tower Expenses Not Listed

Name	Description
Pole Installation Expenses	Site preparation (clearing, hole drilling, concrete), rigging, shipping

Interim Tower

Tower Construction Costs

Section	Question	Response
Construct New	Use	Interim
Tower	Description of Use	N/A
	Height	198.82 feet
	Justification for New Tower	KALO-TV will renew lease with Salem Media on their existing tower for the duration of their interim period. The primary transmission location will not be completed in time for the Phase 2 cut over date . KALO-TV IS NOT CONSTRUCTING A NEW INTERIM TOWER.

Interim Tower

Tower Rigging Costs

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

Interim Tower

Other Tower Expenses Not Listed

Name	Description
Interim Tower Rigging	Cost to install and remove interim equipment. Please see attached OPM Services LLC Quote rev 5 and cover letter for KALO interim site

Outside Professional

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	950
	Explanation	KALO does not have its own engineering staff. Consultants will provide filing, technical installation, and communication with MVPDs for permanent and interim sites. Involves travel from California. Involves new station owner and new shared use agreement.
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	Yes
	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	Yes
	Additional Field Engineering Service	Yes
	Number of Days	36

Justification	Installation of
	the transmitter
	and supporting
	systems. 2
	persons, one
	local, one
	traveling.
	Estimated 8
	days for
	interim site
	alone.

Outside Professional

Other Professional Services Expenses Not Listed

Services Costs	Description
File for STL PCN and STL FCC License	Required for interim transmission site to function legally and without loss of market.
RF Upgrade Engineering and FCC Filing	Required for interim transmission site to function legally and without loss of market.

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)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

Other Expenses

Other Expenses Not Listed

Name	Description
Legal Work	Required to create Shared Use Agreement, assist with leases, utility agreements. New station ownership.
TRAVEL - GSA - Per Person Per Trip	Required to bring appropriately trained staff and support to interim transmission site in a timely manner - estimated at \$4,750 per person per trip.
ASI-to-IP converter, Dektec DTE-3120	Required to maintain interim transmission site without loss of market
STL transmitter and receiver, SAF or equiv. 7 GHz	Required to maintain interim transmission site without loss of market

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
Interim Transmitter ACT-TRN- 5X-U-28-C	\$138,000.00	\$67,802.80		\$55,802.80	
Interim Transmitter Installation	\$12,000.00	\$12,000.00	Please see attached OPM Services LLC Quote rev 3 and cover letter for KALO interim site	N/A	N/A
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	\$126,000.00	\$55,802.80	Please see attached OPM Services LLC Quote rev 3 and cover letter for KALO interim site; Justifying Quote 399- #TX-Freight- Quote (shipping)	\$55,802.80	N/A
Primary Transmitter TMU-9	\$257,499.64	\$282,864.55		\$203,740.46	
Security and Fencing for Main Transmitter	\$10,181.70	\$10,181.70	Justification Letter - OPM Invoice for Primary Transmitter Site Security and Site Fencing	\$10,181.70	N/A

Other Building Addition Size: 150.0	\$71,126.54	\$71,126.54	Modifying Pre- WWII building to construct transmitter room for KALO at shared primary transmission site. OPM to provide Quote; Justifying Quote - 399- RoomBuild- Quote	\$71,126.54	invoices
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	\$126,000.00	\$138,000.00	OPM to provide quote.	\$63,425.91	N/A
1.5" Rigid Conduit and Wiring	\$4,550.00	\$4,550.00	Electrical meter and service from main.	N/A	N/A
Other Electrical Service: New service panel, small conduit, and electrical outlets.	\$25,391.40	\$25,391.40	Reusing room that had been stripped of electrical system. New 240 VAC single-phase system, breaker panel, conduit, six outlets. Very remote Hawaii location; Justifying Quote - KALO 399- RoomElectrical- Quote	\$25,391.40	N/A

\$20,250.00	\$33,614.91	Redundant split-system, 5 ton. OPM to provide quote; Justifying Quote - KALO 399-HVAC- Quote	\$33,614.91	N/A
\$395,499.64	\$350,667.35	N/A	\$259,543.26	N/A
\$1,744,087.94	\$1,864,762.95	N/A	\$779,019.26	N/A
	\$395,499.64	\$395,499.64 \$350,667.35	split-system, 5 ton. OPM to provide quote; Justifying Quote - KALO 399-HVAC- Quote \$395,499.64 \$350,667.35 N/A	split-system, 5 ton. OPM to provide quote; Justifying Quote - KALO 399-HVAC- Quote \$395,499.64 \$350,667.35 N/A \$259,543.26

Components

Actual Information Description	File Name		
Interim Transmitter Installation	Information not provided.		
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	Component Description: Amount:	Anywave Transmitter INTERIM SITE - ACT-TRN-5X-U- 28-C 2.2KW ACT- EXC-OPT-TSoIP \$54,280.00	
	Component Description:	Freight charge to ship Anywave Tx from manufacturer to Hawaii docks	
	Amount:	\$1,522.80	
Security and Fencing for Main Transmitter	Component Description:	KALO-110-Primary Transmitter - Fencing and	
	Amount:	Security \$10,181.70	

Other Building Addition		
Size: 150.0	Component Description:	Replace Gyupsum- ceiling, walls, door, flooring and kick plate
	Amount:	\$35,185.92
	Component Description:	"Outdoor meter, meter sockets, weatherhead, grounding and main breaker Includes local tax"
	Amount:	\$35,940.62
	Component Description: Amount:	Renovate 2nd floor room in WWII Building
	Amount.	\$19,359.65
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW		
State Transmitter 1 - 2.5 kW	Component Description:	20KW 3 Phase
State Hansmitter 1 - 2.3 kW	Component Description: Amount:	20KW 3 Phase diesel generator \$56,810.91
State Hansmitter 1 - 2.3 kW		diesel generator
State Hansmitter 1 - 2.3 kW	Amount: Component Description:	diesel generator \$56,810.91 KALO-110-Primary Transmitter \$375.00 Pour raised concrete generator pad at KALO
State Hansmitter 1 - 2.3 kW	Amount: Component Description: Amount:	diesel generator \$56,810.91 KALO-110-Primary Transmitter \$375.00 Pour raised concrete generator

Other Electrical Service: New service panel, small conduit, and electrical outlets.	Component Description:	KALO-110-Primary Transmitter - Other Electrical
	Amount:	\$25,391.40
5 Ton system		
	Component Description:	Mitsubishi Split
		Systems (single
		zone 2EA)
	Amount:	\$33,614.91

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 K723147	\$89,400.00	\$10,274.00		\$10,274.00	
UHF - Lower Power Side Mount, One station antenna - medium power (50- 200 kW), horizontally polarized	\$89,400.00	\$10,274.00	Used Kathrein antenna - Please see attached OPM Services LLC Quote rev 3 and cover letter for KALO interim site; Justifying quote - 399-#16-02192019-shipping-quote	\$10,274.00	N/A
UHF – Broadband Panel, Side Mount Auxiliary /Interim, 74 horizontally polarized	\$0.00	\$0.00	PHANTOM ANTENNA, PLEASE IGNORE /DELETE	N/A	N/A
Primary Antenna JUHD 10/2 (20 panel) Narrow Cardioid	\$295,350.00	\$361,500.00		\$0.00	

Total for all systems	\$1,744,087.94	\$1,864,762.95	N/A	\$779,019.26	N/A
Sub-total	\$384,750.00	\$371,774.00	N/A	\$10,274.00	N/A
			commissioning		
			and install and		
			plus shipping		
			be \$72,000.00		
			KALO cost will		
			commissioning.		
			install and		
antenna)			shipping and		
(without			cost plus		
channel			50% shared		
cost per			This will be a		
combiner,	÷= ·,=====	Ţ.:., 550.00	provide quote.	- ***	,, .
New	\$84,200.00	\$144,000.00	KKAI to	N/A	N/A
			commissioning		
			and install and		
			plus shipping		
			be \$14,750.00		
base cost)			KALO cost will		
antenna			commissioning.		
included in			install and		
(if not			shipping and		
antennas			cost plus		
power			50% shared		
for high			This will be a		
brackets			provide quote.		
Side mount	\$23,150.00	\$29,500.00	KKAI to	N/A	N/A
			30.1.1113310111119		
			commissioning		
p31011200			and install and		
polarized			plus shipping		
horizontally			be \$94,000.00		
directional,,			KALO cost will		
kW input,			commissioning.		
bay,, 50			install and		
panel, 12			shipping and		
broadband			cost plus		
Mount,			50% shared		
Side			This will be a		
Power,			provide quote.		

Actual Information Description	File Name	
UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	Component Description: Amount:	KALO-280- Interim Antenna - Kathrein K723147 \$8,500.00
	Component Description: Amount:	Shipping Antenna for Interim Site - delivery to dock and then transport to mountain site \$1,774.00
UHF – Broadband Panel, Side Mount Auxiliary/Interim, 74 horizontally polarized	Information not provided.	
UHF - High Power, Side Mount, broadband panel, 12 bay,, 50 kW input, directional,, horizontally polarized	Information not provided.	
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.	
New combiner, cost per channel (without antenna)	Information not provided.	

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	\$3,600.00	\$5,000.00		\$5,000.00	
Flexible Air Transmission Line - dielectric, 7/8"	\$3,600.00	\$5,000.00	Please see attached OPM Services LLC Quote rev 3 and cover letter for KALO interim site	\$5,000.00	N/A
Primary Transmission Line	\$24,272.00	\$52,720.00		\$0.00	
Flexible Air Transmission Line - dielectric, 3"	\$7,552.00	\$36,000.00	KKAI to provide quote. This will be a 50% shared cost plus shipping and install. KALO cost will be \$18,000.00 plus shipping and install.	N/A	N/A

Interior Transmission	\$16,720.00	\$16,720.00	Please see attached	N/A	N/A
Line			OPM Quote		
Lino			KALO09211A		
			- 60 feet 1-5		
			/8" EIA line		
			between		
			transmitter		
			and		
			combiner,		
			includes		
			connectors		
			and support.		
Sub-total	\$27,872.00	\$57,720.00	N/A	\$5,000.00	N/A
Total for all systems	\$1,744,087.94	\$1,864,762.95	N/A	\$779,019.26	N/A

Components

Actual Information Description	File Name	
Flexible Air Transmission Line - dielectric, 7/8"	Component Description: Amount:	KALO-380-Interim Transmission Line - 7/8" Flexible Air \$5,000.00
Flexible Air Transmission Line - dielectric, 3"	Information not provided.	
Interior Transmission Line	Information not provided.	

Cost Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower TOWER	\$0.00	\$0.00		\$0.00	
Interim Tower	\$100,200.00	\$31,000.00		\$0.00	
New tower	\$0.00	\$0.00	KALO-TV will not be constructing a new interim tower. This category is a limitation of LMS. PLEASE IGNORE.	N/A	N/A
Short Tower (less than 500')	\$84,200.00	\$15,000.00	KALO-TV will extend the lease on their existing tower. They are not constructing a new tower. Please see attached OPM Services LLC Quote rev 5 and cover letter for interim site	N/A	N/A

Interim Tower	\$16,000.00	\$16,000.00	Rigging costs for	N/A	N/
			interim		
Rigging					
			equipment		
			on existing		
			tower. Please see		
			attached		
			OPM		
			Services		
			LLC Quote		
			rev 5 and		
			cover letter for interim		
			site		
Primary Tower	\$324,200.00	\$321,900.00		\$0.00	
Pole	\$29,000.00	\$29,000.00	KKAI to	N/A	N/A
Installation			provide		
Expenses			quote. This		
			will be a		
			50% shared		
			cost plus		
			shipping		
			and install.		
			and install.		
			KALO cost		
			KALO cost		
			KALO cost will be		
			KALO cost will be \$14,500.00		
			KALO cost will be \$14,500.00 plus		
Tower	\$23,000.00	\$23,000.00	KALO cost will be \$14,500.00 plus shipping	N/A	N/A
	\$23,000.00	\$23,000.00	KALO cost will be \$14,500.00 plus shipping and install.	N/A	N/A
Helicopter	\$23,000.00	\$23,000.00	KALO cost will be \$14,500.00 plus shipping and install. KKAI to provide	N/A	N/A
	\$23,000.00	\$23,000.00	KALO cost will be \$14,500.00 plus shipping and install. KKAI to provide quote. This	N/A	N/A
Helicopter	\$23,000.00	\$23,000.00	KALO cost will be \$14,500.00 plus shipping and install. KKAI to provide quote. This will be a	N/A	N/A
Helicopter	\$23,000.00	\$23,000.00	KALO cost will be \$14,500.00 plus shipping and install. KKAI to provide quote. This	N/A	N/A
Helicopter	\$23,000.00	\$23,000.00	KALO cost will be \$14,500.00 plus shipping and install. KKAI to provide quote. This will be a 50% shared	N/A	N/A

Short	\$84,200.00	\$81,900.00	KKAI to	N/A	N/A
Tower			provide		
(less than			quote. This		
500')			will be a		
			50% shared		
			cost plus		
			shipping		
			and install.		
			KALO cost		
			will be		
			\$40,950.00		
			plus		
			shipping		
			and install.		
New tower	\$188,000.00	\$188,000.00	KKAI to	N/A	N/A
			provide		
			quote. This		
			will be a		
			50% shared		
			cost plus		
			shipping		
			and install.		
			KALO cost		
			will be		
			\$94,000.00		
			plus		
			shipping		
			and install.		
Sub-total	\$424,400.00	\$352,900.00	N/A	\$0.00	N/A
Total for all systems	\$1,744,087.94	\$1,864,762.95	N/A	\$779,019.26	N/A

Components

Information not provided.

Cost Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$366,771.30	\$594,630.00		\$451,635.40	
Additional Field Engineering Service, 36 Days	\$61,000.00	\$61,000.00	Please see attached quote from OPM Services LLC regarding interim transmission site costs. KALO anticipates 8 days of work for interim site alone. KALO has no Operations and Engineering staff. All field services will be performed by third party.	\$17,475.00	N/A

Perform engineering	\$7,360.00	\$8,400.00	OPM to provide	\$1,875.00	N/A
study for new			quote.		
channel			Please see		
assignment			Smith and		
and antenna			Fisher		
development			Proposal for		
•			Preparation		
			of the		
			Engineering		
			Portion of		
			the FCC		
			Application		
			for Interim		
			Facility for		
			additional		
			1,750.00		
			budget		
			increase;		
			Justifying		
			Invoice -		
			KALO OPM		
			399-#17-		
			04012019		
Project	\$150,100.00	\$422,018.70	See Widelity	\$421,034.10	N/A
management of	\$150,100.00	\$422,018.70	and OPM	\$421,034.10	N/A
	\$150,100.00	\$422,018.70	and OPM quotes, inc	\$421,034.10	N/A
management of	\$150,100.00	\$422,018.70	and OPM quotes, inc increase d/t	\$421,034.10	N/A
management of	\$150,100.00	\$422,018.70	and OPM quotes, inc increase d/t addition of	\$421,034.10	N/A
management of	\$150,100.00	\$422,018.70	and OPM quotes, inc increase d/t addition of interim site.	\$421,034.10	N/A
management of	\$150,100.00	\$422,018.70	and OPM quotes, inc increase d/t addition of interim site.	\$421,034.10	N/A
management of	\$150,100.00	\$422,018.70	and OPM quotes, inc increase d/t addition of interim site. Substantial costs d/t	\$421,034.10	N/A
management of	\$150,100.00	\$422,018.70	and OPM quotes, inc increase d/t addition of interim site. Substantial costs d/t transition of	\$421,034.10	N/A
management of	\$150,100.00	\$422,018.70	and OPM quotes, inc increase d/t addition of interim site. Substantial costs d/t transition of ownership,	\$421,034.10	N/A
management of	\$150,100.00	\$422,018.70	and OPM quotes, inc increase d/t addition of interim site. Substantial costs d/t transition of ownership, transition to	\$421,034.10	N/A
management of	\$150,100.00	\$422,018.70	and OPM quotes, inc increase d/t addition of interim site. Substantial costs d/t transition of ownership, transition to shared site,	\$421,034.10	N/A
management of	\$150,100.00	\$422,018.70	and OPM quotes, inc increase d/t addition of interim site. Substantial costs d/t transition of ownership, transition to shared site, travel to/	\$421,034.10	N/A
management of	\$150,100.00	\$422,018.70	and OPM quotes, inc increase d/t addition of interim site. Substantial costs d/t transition of ownership, transition to shared site, travel to/ from San	\$421,034.10	N/A
management of	\$150,100.00	\$422,018.70	and OPM quotes, inc increase d/t addition of interim site. Substantial costs d/t transition of ownership, transition to shared site, travel to/ from San Diego.	\$421,034.10	N/A
management of	\$150,100.00	\$422,018.70	and OPM quotes, inc increase d/t addition of interim site. Substantial costs d/t transition of ownership, transition to shared site, travel to/ from San Diego. Coordination	\$421,034.10	N/A
management of	\$150,100.00	\$422,018.70	and OPM quotes, inc increase d/t addition of interim site. Substantial costs d/t transition of ownership, transition to shared site, travel to/ from San Diego. Coordination with other	\$421,034.10	N/A
management of	\$150,100.00	\$422,018.70	and OPM quotes, inc increase d/t addition of interim site. Substantial costs d/t transition of ownership, transition to shared site, travel to/ from San Diego. Coordination with other parties.	\$421,034.10	N/A
management of	\$150,100.00	\$422,018.70	and OPM quotes, inc increase d/t addition of interim site. Substantial costs d/t transition of ownership, transition to shared site, travel to/ from San Diego. Coordination with other parties. Justifying	\$421,034.10	N/A
management of	\$150,100.00	\$422,018.70	and OPM quotes, inc increase d/t addition of interim site. Substantial costs d/t transition of ownership, transition to shared site, travel to/ from San Diego. Coordination with other parties. Justifying Invoice -	\$421,034.10	N/A
management of	\$150,100.00	\$422,018.70	and OPM quotes, inc increase d/t addition of interim site. Substantial costs d/t transition of ownership, transition to shared site, travel to/ from San Diego. Coordination with other parties. Justifying	\$421,034.10	N/A

RF Upgrade Engineering and FCC Filing	\$4,250.00	\$4,250.00	Please see attached quote from OPM Services LLC regarding interim transmission site costs.	N/A	N/A
File for STL PCN and STL FCC License	\$11,251.30	\$11,251.30	May be required for interim site. Please see attached OPM Services LLC Quote rev 3 and cover letter for KALO interim site; invoices Starn O'Toole Marcus & Fisher, 53629-FCC Repack	\$11,251.30	N/A
RF Exposure Measurements	\$21,050.00	\$13,200.00	Please see attached proposal from Smith and Fisher - Power Density Survey of Constructed KALO-DT on Channel	N/A	N/A

Comprehensive coverage verification via field study, if needed	\$84,200.00	\$35,000.00	OPM to provide quote. KALO has no Operations and Engineering staff. All field coverage pre /post signal survey will be performed by third party.	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,200.00	N/A	\$0.00	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	N/A	\$0.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,300.00	N/A	\$0.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,200.00	Required revisions due to new ownership and shared use agreement.	\$0.00	N/A

Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$5,750.00	Required revision due to shared use agreement and new station ownership. Please see attached proposal from Smith & Fisher for additional \$750 budget increase from previously approved amount.	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	N/A	N/A

Address	\$2,630.00	\$12,000.00	OPM to	N/A	N/A
transition			provide		
timing and			quote for		
coordination			three trips to		
issues w/ other			the location		
stations and			to		
wireless			coordinate		
			with other		
			stations.		
			KALO has		
			no on-site		
			Operations		
			and		
			Engineering		
			staff.		
Prepare and or	\$2,630.00	\$2,560.00	OPM to	N/A	N/A
review			provide		
reimbursement			quote.		
form					
Sub-total	\$366,771.30	\$594,630.00	N/A	\$451,635.40	N/A
Total for all systems	\$1,744,087.94	\$1,864,762.95	N/A	\$779,019.26	N/A

Components

Actual Information Description	File Name	
Additional Field Engineering Service, 36 Days	Component Description: Amount:	KALO-530-RF - Additional Engineering Days \$17,475.00
Perform engineering study for new channel assignment and antenna development	Component Description: Amount:	KALO-530-RF Eng new channel study \$1,875.00
Project management of the transition		

Component Description: Project Manage

FCC Repacking - local coordination.

RF Tx and microwave

frequencies (STL /TSL) current and

new site

coordination and legal coordination

Amount: \$11,587.50

Component Description: Project

Management

Amount: \$6,955.70

Component Description: Project Manage

FCC Repacking local coordination, RF Tx and current and new site coordination and legal coordination

Amount: \$13,500.00

Component Description: Write KALO RF

Upgrade report

Amount: \$10,612.50

Component Description: Prepare Tx site

Rack Elevations, update BOM, dataflow dwg

Amount: \$26,062.50

Component Description: Project Manage

FCC Repacking local coordination, RF Tx and current and new site coordination and legal coordination

Amount: \$8,550.00

Component Description: Project

management

Amount: \$2,404.85

Component Description: Review,

discussion

research move to Racine PJ, Tom, Gary, Anne, Gary,

Kevin

Amount: \$6,600.00

Component Description: Project Manage

FCC Repacking - local coordination,

RF Tx and microwave frequenies (STL /TSL) current and

new site

coordination and legal coordination

Amount: \$14,212.50

Component Description: Prepare Tx revised

site Rack

Elevations, update BOM, dataflow

dwg

Amount: \$25,162.50

Component Description: "Review, planning,

updates, strategy for repacking move of 38, install of 18 and total State coverage via

cable/RF"

Amount: \$8,250.00

Component Description: Prepare Tx revised

site Rack

Elevations, update BOM, dataflow dwg - both Interim and Final site

Amount: \$14,475.00

Component Description: Flight to / From

Hawaii, Per Diem /Incidentals - GSA,

RentalCar

Amount: \$9,075.00

Component Description: Created KALO

preliminary project

budget

spreadsheet, researched antenna systems

from MCI, conducted

transmission site research using online FCC data.

Amount: \$16,360.00

Component Description: Project Manage

> FCC Repacking local coordination, RF Tx and current and new site coordination and legal coordination

Amount: \$10,612.50

Component Description: Repack Project

meetings

\$3,975.00 Amount:

Amount:

Amount:

Component Description: Working with KKAI

on tower purchase

and install

planning \$6,450.00

Component Description: KALO-510-Outside

Project

Management of the Transition includes Widelity

and OPM

Amount: \$750.00

Component Description: Project Manage.

Oversight, Quality

control

Amount: \$2,700.00

Component Description: Engineering

> design, oversight and project management

\$450.00

Component Description: RentalCar

Amount: \$23,400.00 Component Description: Project

Management

Amount:

\$18,027.90

Component Description: Repacking

Monthly hours for

soliciting, reviewing and consolidating

Amount:

\$7,312.50

Component Description: KALO-510-Outside

Project

Management of the Transition includes Widelity

and OPM

Amount: \$3,000.00

Component Description: Working with KKAI

on tower purchase

and install planning

Amount: \$6,150.00

Component Description: Project

management, oversight, quality

control

Amount: \$1,050.00

Component Description: Project Manage

FCC Repacking - local coordination,

RF Tx, FCC reports

Amount: \$14,700.00

Component Description: Project manage.

Oversight, Quality

control

Amount: \$2,700.00

Component Description: Project

Management

Amount: \$8,619.35

Component Description: KALO-510-Outside

Project

Management of the Transition includes Widelity

and OPM

Amount: \$450.00

Component Description: Prepare Tx revised

site Rack

Elevations, update BOM, dataflow dwg and local site infrastrcutre - both Interim and Final

site

Amount: \$17,025.00

Component Description: 3rd party

transportation of transmitter from Hawaii dock to transmitter sitefixed price

Amount: \$16,762.50

Component Description: Consulting **Amount:** \$2,500.00

Component Description: Consultation for

the spectrum repack of KALO-TV in Hawaii as per agreement.

Amount: \$2,500.00

Component Description: Consultation for

the spectrum repack of KALO-TV in Hawaii as per agreement.

Amount: \$2,500.00

Component Description: Consultation for

the spectrum repack of KALO-TV in Hawaii as per agreement.

Amount: \$2,500.00

Component Description: Consultation for

the spectrum repack of KALO-TV in Hawaii as per agreement.

Amount: \$2,500.00

Component Description: Project

Management

Amount: \$3,830.70

Component Description: Project

Management

Amount: \$3,696.80

Component Description: Consulting
Amount: \$2,500.00

Component Description:

Amount:

Consulting \$2,500.00

Component Description:

Amount:

Consulting \$2,500.00

Component Description:

Consultation for the spectrum repack of KALO-TV in Hawaii as

per agreement.

Amount:

\$2,500.00

Component Description:

Amount:

Consulting \$2,500.00

Component Description: Consultation for

the spectrum repack of KALO-TV in Hawaii as per agreement.

Amount:

\$2,500.00

Component Description:

Amount:

Consulting \$2,500.00

Component Description:

Amount:

Consulting \$2,500.00

Component Description:

Amount:

Consulting \$2,500.00

Component Description: Consultation for

the spectrum repack of KALO-TV in Hawaii as per agreement.

Amount: \$2,500.00

Component Description: Project

Management

Amount: \$1,024.00

Component Description: Project

Management

Amount: \$3,717.90

Component Description: Consulting **Amount:** \$2,500.00

Component Description: Consultation for

the spectrum repack of KALO-TV in Hawaii as per agreement.

Amount: \$2,500.00

Component Description: Working with KKAI

on tower purchase

and install planning

Amount: \$19,837.50

Component Description: Project

Management

Amount: \$3,657.35

Component Description: Consultation for

the spectrum repack of KALO-TV in Hawaii as per agreement.

Amount: \$2,500.00

Component Description: Project

Management

Amount: \$4,031.75

Component Description: Consultation for

the spectrum repack of KALO-TV in Hawaii as per agreement.

Amount: \$2,500.00

Component Description: Consultation for

the spectrum repack of KALO-TV in Hawaii as per agreement.

Amount: \$2,500.00

Component Description: Consulting

Amount: \$2,500.00

Component Description: Consulting

Amount: \$2,500.00

Component Description: Consulting
Amount: \$2,500.00

Component Description: Project

Management

Amount: \$5,795.30

RF Upgrade Engineering and FCC Filing	Information not provided.	
File for STL PCN and STL FCC License	Component Description: Amount:	Legal Services \$10,518.84
	Component Description: Amount:	Legal services \$732.46
RF Exposure Measurements	Information not provided.	
Comprehensive coverage verification via field study, if needed	Information not provided.	
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.	
Attorney Fees - Negotiation of lease and other matters for shared locations	Information not provided.	
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	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.	
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	

Prepare and or review
reimbursement form

Information not provided.

Cost Information

Other Expenses

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

Description Other	Predetermined Cost Estimate \$144,795.00	Estimated Cost \$137,071.60	Estimated Cost Justification	Actual Cost \$52,566.60	Actual Cos Justification
Expenses					
DTV Medical Facility Notification	\$11,550.00	\$3,861.60	Per Justifying Quote OPM Services 399- DTV Notification	\$3,861.60	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$5,500.00	\$5,500.00	Hauling and disposal of used antennas and feedline.	\$0.00	N/A
TRAVEL - GSA - Per Person Per Trip	\$48,705.00	\$48,705.00	Required in order to accommodate staff and personnel for proper installation of interim transmission site. Please see attached OPM Services LLC Quote rev 3 and cover letter for KALO interim site; Justifying Invoice - KALO OPM 399-#18-April Travel	\$48,705.00	N/A

STL transmitter and receiver, SAF or equiv. 7 GHz	\$35,000.00	\$35,000.00	May be Required for interim transmission site. Please see attached OPM Services LLC Quote rev 3 and cover letter for KALO interim site	N/A	N/A
ASI-to-IP converter, Dektec DTE- 3120	\$2,500.00	\$2,500.00	Please see attached OPM Services LLC Quote rev 3 and cover letter for KALO interim site	N/A	N/A
Legal Work	\$27,000.00	\$27,000.00	Generation of Shared Use Agreement, lease documents, review of revised Form 399.	N/A	N/A
MVPD Notification of Channel Change	\$300.00	\$300.00	2 hours labor.	N/A	N/A
Develop and air announcement of upcoming channel change	\$6,000.00	\$6,000.00	Please see attached quote # 1030 from PJ Video - Independent producer to be used for the announcements.	N/A	N/A
Equipment Storage	\$1,800.00	\$1,800.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	\$4,800.00	\$4,800.00	Delivery to storage and to very remote Hawaiian location.	N/A	N/A

FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$200.00	FCC filing fee effective September 2018	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$335.00	FCC Filing Fee as of September 2018	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	\$144,795.00	\$137,071.60	N/A	\$52,566.60	N/A
Total for all systems	\$1,744,087.94	\$1,864,762.95	N/A	\$779,019.26	N/A

Components

Actual Information Description	File Name	
DTV Medical Facility Notification	Component Description: Amount:	DTV Notification Service \$3,861.60
Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description: Amount:	KALO-610- Disposal Costs \$375.00

TRAVEL - GSA - Per Person Per Trip	Component Description:	Travel Day- Gary
	Amount:	Stigal Round Trip \$13,230.00
	Component Description:	Roundtrip travel San Diego to
	Amount:	Hawaii and back \$3,345.00
	Component Description:	Paul labor travel to Roundtrip Hawaii- San Diego
	Amount:	\$11,340.00
	Component Description:	Gary labor travel to Hawaii
	Amount:	\$10,395.00
	Component Description: Amount:	Gary labor travel to Hawaii \$10,395.00
STL transmitter and receiver, SAF or equiv. 7 GHz	Information not provided.	
ASI-to-IP converter, Dektec DTE-3120	Information not provided.	
Legal Work	Information not provided.	
MVPD Notification of Channel Change	Information not provided.	
Develop and air announcement of upcoming channel change	Information not provided.	
Equipment Storage	Information not provided.	
Equipment Delivery and	Information not provided.	

FCC Filing Fees - Special Temporary Authorization request	Information not provided.
FCC Filing Fees - Form 2100 license to cover application	Information not provided.
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$1,744,087.94	\$1,864,762.95	\$779,019.26

Reimbursem	envestiatus	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

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. Tom
Jordan
Secretary
/Treasurer
/Chief
Financial
Officer

07/19/2019

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. Tom
Jordan
Secretary
/Treasurer
/Chief
Financial
Officer

07/19/2019

Attachments