

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility	38591	Service: DTV	Call	KLTS-TV	Channel: 17 (UHF)
ID:	1		Sign:	1	
File	000002	8074			
Number:					
FRN: 00	01720192	Date	12/04		
		Submitted:	/2019		

Applicant Name, Type, and Contact Information

Applicant Information

Applicant	Address	Phone	Email
LOUISIANA EDUCATIONAL TELEVISION AUTHORITY Doing Business As: Louisiana Public Broadcasting	Donald R Ballard 7733 PERKINS RD BATON ROUGE, LA 70810 United States	+1 (225) 767-4273	dballard@lpt org

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	E
[Confidential]			

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

Broadcaster	Question	Response
Information and Transition Plan	Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	No

Briefly describe transition plan	1.Install an interim antenna on channe present licensed ERP or as close to it obtain with our existing transmitter. 2.F replacement top mount antenna and li repack channel 17 with new mask filte transmitter.

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

Primary	Existing Transmitter Infor	mation	
Transmitter	Section	Question	Respo
	Existing Transmitter	Type of change	Purch
	Description	Use	Prima
		Description of Use	N/A
		Ownership	Owne
		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	Type of change Use Description of Use Ownership Owner Site Is this transmitter currently shared with another station? Is this transmitter currently in operating condition?	HU00
		Year	2009
		Туре	Solid :
		Solid State Cooling	Air Cc
		Solid State Power Capacity	15 kW

Primary	New Transmitter Costs		
Transmitter	Section	Question	Respo
	New Transmitter	Use	Prima
		Change Type	Purch
		Is this a request for upgraded equipment?	No
		Manufacturer	
		Model	CTX7:
		Transmitter Type	Solid :
		Solid State Cooling Solid State Power capacity	Liquid
			23 kW
		Justification for New Transmitter	Requi to ope chann mask retune anteni keep t in corr FAA r higher than tl transn

Other Transmitter Costs

Primary	Other Transmitter Co	osts	
Transmitter	Section	Question	Respo
	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	4 inch
		Length	500.0
			-

	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Heatir
	Size	20 tor
	Other Size	N/A
Transmitter Building Addition/Modification or	Does the Transmitter Building require an addition, modification, other leashold improvement?	Yes
Leasehold Improvement	Size	600.0
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter	Other Transmitter Cost Not Listed		
	Name	Description	
	Transmitter Install equipment rental	Heavy lift equipment rental.	
	Shipping and Handling	Manufacturer delivery	

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

Antenna	Section	Question	Respo
	Existing Antenna	Type of change	Purch
	Description	Antenna Use	Prima
		Description of Use	N/A
		Ownership	Owne
		Owner	N/A
		Site	N/A
		Is the existing antenna shared with another station or stations?	No
		Is the existing antenna directional?	No
		Is antenna in operating condition?	Yes
		Is antenna located on or in close proximity to an antenna farm?	No
	Existing Antenna	Class	Full P
	Manufacturer and Type	Mounting	Top N
		Antenna position in stack	Not in
		Polarization	Horizc
		Туре	Slotte
		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)	350.0
		Manufacturer	
		Model	TFU-4

 Year	1978

Primary	New Antenna Costs			
Antenna	Section	Question	Respo	
	New Antenna Description	Use	Prima	
		Description of Use	N/A	
		Change Type	Purch	
		Is this a request for upgraded equipment?	Yes	
		Ownership	Owne	
		Owner	N/A	
		Is antenna shared?	No	
		Is antenna directional?	No	
		Will antenna be located on or in close proximity to an antenna farm?	No	
	New Antenna Manufacturer and Types	Class	Full P	
		Mounting	Top N	
		Antenna position in stack	Not in	
		Polarization	Elliptic	
		Туре	Slotte	
		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)	280.0	
		Manufacturer		
		Model	ATC-E	
		Year	2019	

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	chan

Primary Antenna

Other Antenna Costs

Section	Question	Respo
Combiner for Shared	Do you need a Combiner for a Shared Antenna?	No
Antenna	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
	Feed Line Size	6 1/8
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power 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?	Yes

Primary	Other Antenna Cost Not Listed		
Antenna	Name	Description	
	Shipping	Alive has put TBD on the quote. This is number	

Interim	New Antenna Costs			
Antenna	Section	Question	Respo	
	New Antenna Description	Use	Interin	
		Description of Use	N/A	
		Change Type	Purch	
		Ownership	Owne	
		Owner	N/A	
		Is antenna shared?	No	
		Is antenna directional?	No	
		Will antenna be located on or in close proximity to an antenna farm?	No	
	New Antenna Manufacturer and Type	Class	Full P	
		Mounting	Side N	
		Antenna position in stack	Not in	
		Polarization	Elliptic	
		Туре	Slotte	
		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)	350.0	
		Manufacturer		
		Model	ATC-E	
		Year	2018	

ication for New Antenna	KLTS
	broad
	full po
	main t
	syster
	syster the re

Interim Antenna

Other Antenna Costs

Section	Question	Respo
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	В
	Feed Line Size	6 1/8 i
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		
	Name	Description	
	Shipping	Alive has put TBD on the attached quc arbitrary number	

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

Primary Transmission Line	Existing Transmission Line			
	Section	Question	Respo	
	Existing Transmission	Type of change	Purch	
	Line Description	Use	Prima	
		Description of Use	N/A	
		Ownership	Owne	
		Owner	N/A	
		Site	N/A	
		Is the existing transmission line shared with another station or stations?	No	
		Is Transmission Line in operating condition?	Yes	
	Existing Transmission Line Manufacturer and Type	Manufacturer		
		Туре	Rigid	
		Diameter	6 1/8 i	
		Other Diameter	N/A	
		Segment Length	19 3/4	
		Other Segment Length	N/A	
		Number of parallel runs	1	
		Length	13161	

Primary Transmission Line	New Transmission Line			
	Section	Question	Respo	
	New Transmission Line	Use	Prima	
	Costs	Description of Use	N/A	
		Change Type	Purch	
		Is this a request for upgraded equipment?	No	
		Туре	Rigid	
		Diameter	6 1/8 i	
		Other Diameter	N/A	
		Segment Length	19 1/2	
		Other Segment Length	N/A	
		Number of parallel runs	1	
		Length	13161	
		Justification for New Transmission Line	Existir compa repacl	

Other Transmission Line Expenses Not Listed

PrimaryOther TransmissionTransmissionInformation not provided.LineInformation not provided.

Interim Transmission Line	New Transmission Line			
	Section	Question	Respo	
2	New Transmission Line	Use	Interin	
	Costs	Description of Use	N/A	
		Change Type	Purch	
		Туре	Flexib	
		Diameter	5 inch	
		Segment Length	N/A	
		Other Segment Length		
		Number of parallel runs	1	
		Length	1300 1	
		Justification for New Transmission Line	KLTS-	
			to rem	
			while	
			transn	
			is repl	
			repacl	

Other Transmission Line Expenses Not Listed

Interim Transmission Information not provided. Line

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

Primary Tower

Section	Question	Respo
Existing Tower Description	Type of change	Modif
	Tower Use	Prima
	Description of Use	N/A
	Ownership	Owne
	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?	Yes
	Is tower compliant with Rev G?	No
Existing Tower Structure	Do you have a tower registration number?	No
Registration	ASR Number	
Coordinates (NAD83 (Latitude (NAD83)	32° 4
North American Datum of 1983))	Longitude (NAD83)	093°
	Overall Structure Height	1080
	Support Structure Height	1006
	Ground Elevation Above Mean Sea Level (AMSL)	250.0
	Structure Type	GTO Struc Com Purp

Tower Owner	LOUIS EDUC TELE
	AUTH KLTS
Date Constructed	05/26/

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
4317	KDAQ	FM

Other Types of Users

Users

Bluebird Wirele

Primary Tower Modification Costs

Section	Question	Respo
Engineering Study	Please what type of engineering study is required, if any:	Study undoc docun
Tower Reinforcements	Please select whether tower reinforcements are needed:	Seriou Reinfc neede

Primary Tower Tower Rigging Costs

Section	Question	Respo
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 Services Costs	Section	Question	Respo
	Outside Project	Do you require outside project management services?	Yes
	Management Services	Number of Hours	500
		Explanation	We wi assista projec due tc staffin suppo projec
	Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
		Prepare engineering section of Form FCC Construction Permit Application	Yes
		For Auxiliary Facility	Yes
		For Main Facility	Yes
		Prepare engineering section of Form FCC License to Cover Application	Yes
		For Auxiliary Facility	Yes
		For Main Facility	Yes
		Prepare request for Special Temporary Authority	Yes
		Quantity	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 Services	Prepare and file Form FCC Construction Permit Application	Yes
		For Auxiliary Facility	Yes
		For Main Facility	Yes
		Prepare and file Form FCC License to Cover Application	Yes

	For Auxiliary Facility	
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	2
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	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	Comprehensive coverage verification via field study	Yes
Services	RF exposure measurements	Yes
	Additional Field Engineering Service	Yes
	Number of Days	22
	Justification	We dc compr interna Consu Engina to mea coordi FCC c needs

OutsideOther Professional Services Expenses Not ListedProfessionalInformation not provided.Services Costs

Other Expenses	Section	Question	Respo
	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	No
		FCC License to Cover Application	No
		FCC Special Temporary Authority Application	No
	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?	No
		Does this relocation require Equipment Storage?	No
		Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
		Does this relocation require MVPD Notification of a Channel Change?	Yes

Other Expenses Not Listed

Other Expenses

Information not provided.

Transmitters

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost
Primary Transmitter CTX728	\$1,179,000.00	\$1,124,000.00		\$611,604.10
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$900,000.00	N/A	\$585,000.00
Transmitter Install equipment rental	\$22,000.00	\$22,000.00	Rental of heavy duty equipment will be required to install the transmitter and the heat exchanger.	\$7,344.10
Shipping and Handling	\$22,000.00	\$22,000.00	N/A	N/A
4" Rigid Conduit and Wiring (Cost per foot)	\$50,500.00	\$48,000.00	N/A	N/A

20 Ton system	\$115,500.00	\$110,000.00	This building	\$19,260.00
-			is going to	
			require	
			adjustments	
			to the	
			environmental	
			controls.	
			Cooling is	
			estimated to	
			require 20	
			Tons of	
			capacity and	
			due to the location in a	
			more northern	
			latitude	
			additional	
			heating will	
			also be	
			required at	
			this site for	
			the winter.	
Other Building Addition Size: 600.0	\$22,000.00	\$22,000.00	N/A	N/A
Sub-total	\$1,179,000.00	\$1,124,000.00	N/A	\$611,604.1

Components

Actual Information	
Description	File Name

UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	Component Description: Amount:	KLTS_Proposal and Invoice - 30 payment invoice 18385 2-12-20 \$270,000.00
	Component Description: Amount:	KLTS_ Proposal_E17-0334-5_2 Payment_Invoice-18308_1-7-20 \$157,500.00
	Component Description: Amount:	N/A N/A
	Component Description: Amount:	KLTS_Channel 17 Transmitter_ Downpayment_INVOICE_E170 \$157,800.00
	Component Description: Amount:	KLTS_ Proposal_E17-0334-5_2 Payment_Invoice-18308_1-7-20 \$157,500.00
	Component Description: Amount:	Heartland Video_KLTS Rebrand 63487_1-31-18 \$12,812.47
	Component Description: Amount:	KLTS_Channel 17 Transmitter_ Downpayment_INVOICE_E170 Amount \$157,500.00
	Component Description: Amount:	Heartland Video_KLTS - Shreve Quote_WISQ48350_11-27-17 N/A
Transmitter Install equipment rental	Component Description: Amount:	KLTS_25x10_Transmission Line_Storage_Invoice_9005249 \$166.39

Component Description: Amount:	KLTS_40' Standard_Transmission Line_Storage_Invoice_900463828 \$167.58
Component Description: Amount:	KLTS_40 Standard_Transmission Line_Storage_Invoice_900447483 \$529.58
Component Description: Amount:	KLTS_25x10_Transmission Line_Storage_Invoice_900559124 \$166.39
Component Description: Amount:	KLTS_25x10_Transmission Line_Storage_Invoice_900507955 \$166.39
Component Description: Amount:	KLTS_25x10_Transmission Line_Storage_Invoice_900459039 \$166.39
Component Description: Amount:	KLTS_25x10_Transmission Line Storage_Quote and Invoice_9006 2019 \$166.39
Component Description: Amount:	KLTS_40' Standard_Transmission Line_Storage_Quote and Invoice_9006117142_4-3-2019 \$167.58
Component Description: Amount:	KLTS_40' Standard_Transmission Line_Storage_Quote and Invoice_9006574296_6-26-2019 \$167.58

Component Description: Amount:	KLTS_25x10_Transmission Line_Storage_Quote and_Invoice_9004751392_8-14- 2018_Corrected \$166.39
Component Description: Amount:	KLTS_25x10_Transmission Line Quote and Invoice_9005910753_2 2019_Corrected \$166.39
Component Description: Amount:	KLTS_25x10_Transmission Line Storage_Quote and Invoice_9007 2019 \$166.39
Component Description: Amount:	KLTS_40' Standard_Transmission Line_Storage_Quote and Invoice_9006730679_7-24-2019 \$167.58
Component Description: Amount:	KLTS_25x10_Transmission Line Storage_Quote and Invoice_9007 2019 \$178.34
Component Description: Amount:	KLTS_40' Standard_Transmission Line_Storage_Invoice_900563909 2019_updated \$167.58
Component Description: Amount:	KLTS_25x10_Transmission Line Storage_Quote and Invoice_9006 2019 \$166.39

Component Description: Amount:	KLTS_25x10_Transmission Line Storage_Quote and Invoice_9006 2019 \$166.39
Component Description: Amount:	KLTS_40' Standard_Transmission Line_Storage_Quote and Invoice_9004956844_9-19-2018_ late fee \$167.58
Component Description: Amount:	KLTS_40' Standard_Transmission Line_Storage_Quote and Invoice_9006272369_5-1-2019 \$167.58
Component Description: Amount:	KLTS_40' Standard_Transmission Line_Storage_Quote and Invoice_9007397286_11-13-2019 \$165.19
Component Description: Amount:	KLTS_40' Standard_Transmission Line_Storage_Quote and Invoice_9004798203_8-22-201 \$167.58
Component Description: Amount:	KLTS_25x10_Transmission Line_Storage_Invoice_900652880 \$166.39
Component Description: Amount:	KLTS_40' Standard_Transmission Line_Storage_Quote and Invoice_9007052949_9-18-19 \$165.19

Component Description: Amount:	KLTS_40' Standard_Transmission Line_Storage_Quote and Invoice_9005963599_3-6-2019 \$167.58
Component Description: Amount:	KLTS_40' Standard_Transmission Line_Storage_Invoice_900512819 2018_updated \$167.58
Component Description: Amount:	KLTS_25x10_Transmission Line Storage_Quote and Invoice_9006 2019 \$166.39
Component Description: Amount:	KLTS_40' Standard_Transmission Line_Storage_Quote and Invoice_9007397285_11-13-2019 \$175.94
Component Description: Amount:	KLTS_25x10_Transmission Line_Storage_Invoice_900542392 2018_updated \$166.39
Component Description: Amount:	KLTS_25x10_Transmission Line Storage_Quote and Invoice_9007 2019 \$178.34
Component Description: Amount:	KLTS_25x10_Transmission Line_Storage_Invoice_900490971 2018_updated \$166.39

Component Description: Amount:	KLTS_40' Standard_Transmission Line_Storage_Quote and Invoice_9007052948_9-18-19 \$167.58
Component Description: Amount:	KLTS_40' Standard_Transmission Line_Storage_Quote and Invoice_9007220981_10-16-19 \$165.19
Component Description: Amount:	KLTS_40' Standard_Transmission Line_Storage_Quote_Invoice_900 19-2018 \$192.72
Component Description: Amount:	KLTS_25x10_Transmission Line_Storage_Quote and_Invoice_9004751392_8-14-2 \$166.39
Component Description: Amount:	KLTS_25x10_Transmission Line Quote and Invoice_9005910753_2 \$166.39
Component Description: Amount:	KLTS_25x10_Transmission Line_Storage_Invoice_900542392 2018_minus late fee \$166.39
Component Description: Amount:	KLTS_25x10_Transmission Line_Storage_Invoice_900490971 \$191.35
Component Description: Amount:	KLTS_25x10_Transmission Line_Storage_Invoice_900475139 \$191.35

Component Description: Amount:	KLTS_40' Standard_Transmission Line_Storage_Invoice_900479820 \$192.72
Component Description: Amount:	KLTS_25x10_Transmission Line Storage_Invoice 9004909714_9-1 2018_Removal OF Late Fee.pdf (\$24.96)
Component Description: Amount:	KLTS_25x10_Transmission Line Storage_Invoice 9004751392_8-1 2018_Removal OF Late Fee (\$24.96)
Component Description: Amount:	KLTS_25x10_Transmission Line Quote and Invoice_9006218620_4 \$166.39
Component Description: Amount:	KLTS_40' Standard_Transmission Line_Storage_Invoice_Cover Letter_9004798203_8-22-2018_R Late Fee \$167.58
Component Description: Amount:	KLTS_40' Standard_Transmission Line_Storage_Invoice_900563909 2019_Subtract Late Charge \$167.58
Component Description: Amount:	KLTS_40' Standard_Transmission Line_Storage_Invoice_900580687 \$167.58
Component Description: Amount:	KLTS_25x10_Transmission Line_Storage_Invoice_Cover Letter_9005751824_1-29-2019 \$166.39

Component Description: Amount:	KLTS_40' Standard_Transmission Line_Storage_Quote and Invoice_9005963599_3-6-2019 \$167.58
Component Description: Amount:	KLTS_40' Standard_Transmission Line_Storage_Invoice_Cover Letter_9005128195_10-17-2018_I Late Fee \$167.58
Component Description: Amount:	KLTS_40' Standard_Transmission Line_Storage_Quote and Invoice_9006117142_4-3-2019 \$167.58
Component Description: Amount:	KLTS_Mobile Mini Quote_25'_Fac N/A
Component Description: Amount:	KLTS_40' Standard_Transmission Line_Storage_Quote_Invoice_900 29-2019 \$167.58
Component Description: Amount:	KLTS_25x10_Transmission Line_Storage_Invoice_900442889 \$610.39
Component Description: Amount:	KLTS_25x10_Transmission Line Quote and Invoice_9006373734_ \$166.39
Component Description: Amount:	KLTS_25x10_Transmission Line { Quote and Invoice_9006064946_; \$166.39

Component Description: Amount:	KLTS_25x10_Transmission Line_Storage_Invoice_Cover Letter_9004909714_9-11-2018_R Late Fee \$166.39
Component Description: Amount:	KLTS_40' Standard_Transmission Line_Storage_Invoice_900530117 2018 \$167.58
Component Description: Amount:	KLTS_40' Standard_Transmission Line_Storage_Quote and Invoice_9006272369_5-1-2019 \$167.58
Component Description: Amount:	KLTS_25x10_Transmission Line_Storage_Invoice_Cover Letter_9004751392_8-14-2018_R Late Fee. \$166.39
Component Description: Amount:	KLTS_40' Standard Transmission Line_Storage_Invoice_900512819 2018_Removal Of Late Fee. (\$25.14)
Component Description: Amount:	KLTS_40' Standard_Transmission Line_Storage_Invoice_900479820 2018_Removal Of Late Fee. (\$25.14)
Component Description: Amount:	KLTS_40' Standard_Transmission Line_Storage_Invoice_900547406 2018. \$167.58

	Component Description: Amount:	KLTS_25x10_Transmission Line_Storage_Invoice_900575182 2019_updated \$166.39
	Component Description: Amount:	KLTS_25x10_Transmission Line Storage_Quote_ Invoice_9006842 2019 \$166.39
	Component Description: Amount:	KLTS_40' Standard_Transmission Line_Storage_Quote Single Invoice_9005474069_12-12-2018 \$167.58
	Component Description: Amount:	KLTS_40' Standard_Transmission Line_Storage_Quote and Invoice_ Letter_9005639098_1-9-2019_Wa \$167.58
	Component Description: Amount:	KLTS_40' Standard_Transmission Line_Storage_Invoice_900512819 2018 \$192.72
	Component Description: Amount:	KLTS_Mobile Mini Quote_40' _Fa N/A
	Component Description: Amount:	KLTS_25x10_Transmission Line_Storage_Invoice_Cover Letter_9005423929_12-4-2018_m \$166.39
Shipping and Handling	Information not provided.	
4" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	

20 Ton system		
	Component Description: Amount:	DMR Mechanical_KLTS_Signed Proposal_KF1402019R_ Progress Invoice_114083_6-30-19 \$19,260.00
Other Building Addition Size: 600.0	Information not provided.	

Antennas

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost
Interim Antenna ATC- BCSE16M-U1	\$297,840.00	\$284,400.00		\$39,650.00
Shipping	\$22,000.00	\$22,000.00	Alive has put TBD on the attached quote. This is an arbitrary number that should cover the cost with some left over.	\$0.00
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	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
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	\$13,700.00	\$13,000.00	N/A	\$2,150.00
UHF - Lower Power Side Mount, One station antenna 200- 500 kW, elliptically or circularly polarized	\$227,000.00	\$216,000.00	N/A	\$37,500.00
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A

Primary Antenna ATC- BCE4280-V0-17	\$330,530.00	\$315,100.00		\$180,985.00
Shipping	\$22,000.00	\$22,000.00	Alive has put TBD on the quote that is attached. This is an arbitrary number that should cover the cost with value left over.	\$6,285.00
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$11,700.00	N/A	\$8,300.00
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$275,000.00	N/A	\$166,400.00
Sub-total	\$628,370.00	\$599,500.00	N/A	\$220,635.00
Total for all systems	\$3,872,847.00	\$3,710,289.00	N/A	\$1,621,928.92

Components

Actual Information Description	File Name
Shipping	Information not provided.
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.

Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	Component Description:	KLTS_Alive Sid Band Antenna_
	Amount:	Invoice_1844 C \$2,150.00
	Component Description:	KLTS_Alive IN\ Complex_Statio
	Amount:	and Facility ID \$2,150.00
	Component Description:	KLTS_Alive_Up Quote_INV 196 Complex
	Amount:	\$2,150.00
	Component Description:	KLTS_Alive IN\ Complex_Static and Facility ID_
	Amount:	\$2,150.00
	Component Description:	KLTS_Alive Tel Interim Elbox Co
	Amount:	17_Deposit \$2,150.00
	Component Description:	KLTS_Alive IN\ Complex_Statio
	Amount:	and Facility ID_ \$2,150.00
UHF - Lower Power Side Mount, One station antenna 200-500 kW, elliptically or circularly polarized	Component Description:	KLTS_Alive INV Antenna Propos
		Invoice- Elbow, Harness_Station Facility ID_Upda
	Amount:	\$37,500.00

	Component Description:	KLTS_Alive Side № Band Antenna_Qu
	Amount:	Invoice_2051 Corr \$29,000.00
	Component Description:	KLTS_Alive Updat Quote_INV 1963 / Elbow, Harness.
	Amount:	\$37,500.00
	Component Description:	KLTS_Alive INV 1 Antenna_Station C and Facility ID_Co
	Amount:	\$29,000.00
	Component Description: Amount:	KLTS Alive Side N Band Antenna_Pro 043018_Revised-6 N/A
	Component Description: Amount:	KLTS_Alive Side M Band Antenna_Qu Invoice_1842_Cor \$29,000.00
	Component Description:	KLTS_Alive_INV 2
	Amount:	Antenna Final Pay \$29,000.00
	Component Description:	KLTS_Alive INV 1 Antenna_Station C and Facility ID
	Amount:	\$29,000.00
test of existing antenna	Information not provided.	

Sweep

Shipping	Component Description: Amount:	KLTS_Alive_INV 2 Shipping_11-8-18 \$6,285.00
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	Component Description: Amount:	KLTS_Alive Telec Main Elbox Compl 17_Deposit \$4,150.00
	Component Description: Amount:	KLTS_Alive_INV 2 75 ohm Elbow Cor 18 \$4,150.00
Sweep test of existing antenna	Information not provided.	

UHF - High Power Top Mount (200- 1000 kW), One station antenna , elliptically or circularly polarized	Component Description: Amount:	KLTS_Alive Telec Main Antenna_11- 17_Deposit \$104,000.00
	Component Description: Amount:	KLTS_Alive INV 1 Antenna_Station C And Facility ID_Cc \$104,000.00
	Component Description: Amount:	KLTS_Alive _Top Antenna Proposal_ N/A
	Component Description: Amount:	KLTS_Alive_INV 2 Main Antenna_11- \$62,400.00
	Component Description:	KLTS_Alive Telec Main Elbox Compl 17_Deposit \$4,150.00

Transmission Line

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost
Interim Transmission Line	\$136,500.00	\$130,000.00		\$66,500.00
Flexible Air Transmission Line - dielectric, 5"	\$136,500.00	\$130,000.00	N/A	\$66,500.00
Primary Transmission Line	\$265,832.00	\$252,672.00		\$199,700.00
Rigid Transmission Line - copper, 6 1/8"	\$265,832.00	\$252,672.00	N/A	\$199,700.00
Sub-total	\$402,332.00	\$382,672.00	N/A	\$266,200.00
Total for all systems	\$3,872,847.00	\$3,710,289.00	N/A	\$1,621,928.92

Components

Actual Information Description

File Name

Flexible Air Transmission Line - dielectric, 5"	Component Description: Amount:	KLTS_Alive IN\ Line_Station Ca Facility ID \$33,250.00
	Component Description: Amount:	KLTS_Alive_IN' Interim TX Line Payment_11-8- \$33,250.00
	Component Description: Amount:	KLTS_Alive Tel 1843 Interim Tra Line_11-29-17_ \$33,250.00
	Component Description: Amount:	KLTS_Alive IN\ Line_Station Ca Facility ID_Corr \$33,250.00

Rigid Transmission Line - copper, 6 1 /8"	Component Description: Amount:	KLTS_Alive IN\ TX Line_Statior and Facility ID_ \$99,850.00
	Component Description: Amount:	KLTS_Alive Tel 1848 Main Tran Line_11-29-17_ \$99,850.00
	Component Description: Amount:	KLTS_Alive IN\ TX Line_ Statio and Facility ID_ \$99,850.00
	Component Description: Amount:	KLTS_Alive Up Quote_INV 196 \$99,850.00

Cost Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost
Primary Tower GTOWER	\$1,288,800.00	\$1,242,867.00		\$503,025.20
Serious tower reinforcement /modifications	\$1,052,000.00	\$1,000,000.00	N/A	\$503,025.20
Tall Tower (greater than 500')	\$210,500.00	\$217,867.00	Please see attached tower crew quote.	N/A
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$25,000.00	N/A	N/A
Sub-total	\$1,288,800.00	\$1,242,867.00	N/A	\$503,025.20
Total for all systems	\$3,872,847.00	\$3,710,289.00	N/A	\$1,621,928.92

Components

Actual Information Description	File Name	
Serious tower reinforcement /modifications	Component Description: Amount:	Structural Analysis \$6,000.00
	Component Description: Amount:	Coast to Coast Towers_Invoice 2106_C 2019 \$55,876.00

Component Description: Amount:	KLTS_Tower Services Interim Antenna Services_Invoice 2100_11-30-18_Corre \$20,000.00
Component Description: Amount:	KLTS TV Repack_ Coast to Coast Towe Services_Proposal_10111702T_Chang \$14,541.20
Component Description: Amount:	KLTS_Invoice 2192_Repack Interim An 10111701T_corrected \$25,000.00
Component Description: Amount:	KLTS_Invoice 2192_Repack Interim An Letter_Quote_corrected \$25,000.00
Component Description: Amount:	KLTS_MEI_Vendor Quote and Invoice_ \$2,500.00
Component Description: Amount:	KLTS_Tower Services Interim Antenna Services_Invoice 2099_11-30-18_Corre \$50,000.00
Component Description: Amount:	KLTS_Proposal and Invoice_2105_Coa Mobilization_12-07-18 \$25,000.00
Component Description: Amount:	KLTS_Tower Reinforcement_Invoice_2054_from_Co 31-18. \$40,000.00
Component Description: Amount:	KLTS_Proposal and Invoice_2106_Coa \$55,876.00

Component Description: Amount:	KLTS_Proposal and Invoice_2105_Coa Mobilization_12-07-18 \$25,000.00
Component Description: Amount:	Structural Damage Repair Design \$3,000.00
Component Description: Amount:	KLTS_Proposal and Invoice_2106_Coa \$55,876.00
Component Description: Amount:	KLTS_Tower Services Reinforcements_Invoice_2060_from_Co 21-18. \$60,148.00
Component Description: Amount:	Structural Design Modification \$8,000.00
Component Description: Amount:	KLTS_Tower Services 5 inch Interim Tr 2100 \$20,000.00
Component Description: Amount:	KLTS_Proposal and Invoice_2107_Coa Delay_Tower Service_Materials_12-12- \$14,541.20
Component Description: Amount:	KLTS_Maximize_Side Mount Antenna & Engineering_Invoice-1805103V0_5-17-: \$2,500.00
Component Description: Amount:	KLTS_Coast To Coast Tower Modificati 1920_10-20-17 \$217,960.00

	Component Description: Amount:	KLTS_Tower Services Interim Antenna Services_Invoice 2099 \$50,000.00
Tall Tower (greater than 500')	Information not provided.	
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	Component Description: Amount:	KLTS_Maximize_Side Mount Antenna S Engineering_Invoice-1805103V0_5-17- \$2,500.00

Outside Professional Services

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost
Outside Professional Services	\$332,795.00	\$320,250.00		\$20,325.12
Additional Field Engineering Service, 22 Days	\$100,000.00	\$100,000.00	N/A	\$5,500.00
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$2,000.00	N/A	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$7,360.00	\$7,000.00	N/A	N/A
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A

Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	\$4,210.00	\$4,000.00	N/A	\$1,141.5
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$78.00
Prepare request for Special Temporary Authorization	\$4,100.00	\$3,000.00	N/A	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	\$2,105.00	\$2,000.00	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$8,000.00

Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$78.00
Project management of the transition	\$79,000.00	\$75,000.00	N/A	\$5,527.62
Sub-total	\$332,795.00	\$320,250.00	N/A	\$20,325.12
Total for all systems	\$3,872,847.00	\$3,710,289.00	N/A	\$1,621,928.92

Components

Actual Information Description	File Name	
Additional Field Engineering Service, 22 Days		KLTS Geo techn \$5,500.00
RF Exposure Measurements	Information not provided.	
Comprehensive coverage verification via field study, if needed	Information not provided.	
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.	
ASR modification (prepare FCC Form 854)	Information not provided.	
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	Information not provided.	

Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	Component Description: Amount:	Status of financia \$312.00
	Component Description: Amount:	KLTS_Construct Matters_5-14-18 \$139.50
	Component Description: Amount:	Review of 399 \$829.50
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Component Description: Amount:	Professional Ser Repack_KLTS_1 17_Invoice 6725 \$78.00
Prepare request for Special Temporary Authorization	Information not provided.	
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description:	KLTS_Construct Matters_4-19-18 685296.
	Amount:	\$139.50

Perform engineering study for new channel assignment and antenna development	Component Description: Amount:	Perform TV Stud \$8,000.00
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	
Prepare and or review reimbursement form	Component Description: Amount:	Professional Ser Repack_KLTS_1 17_Invoice 6705 \$78.00
Project management of the transition	Component Description: Amount:	Professional Ser Repack_KLTS_1 17_Invoice 6675 \$39.00
	Component Description: Amount:	KLTS TV repack \$5,488.62

Other Expenses

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost
Other Expenses	\$41,550.00	\$41,000.00		\$0.00
MVPD Notification of Channel Change	\$10,000.00	\$10,000.00	N/A	N/A
Develop and air announcement of upcoming channel change	\$10,000.00	\$10,000.00	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$10,000.00	\$10,000.00	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	N/A
Sub-total	\$41,550.00	\$41,000.00	N/A	\$0.00
Total for all systems	\$3,872,847.00	\$3,710,289.00	N/A	\$1,621,928.92

Components

Information not provided.

Grand Total

Cost Information

	Predetermined Cost Estimate	Estimated Cost	Actua
Total for all systems	\$3,872,847.00	\$3,710,289.00	\$1,62

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

Certification	Section	Question	Respo
	Submission of Estimated Expenses Statements	WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.	
		 The Authorized Person signing below certifies that he/she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 	
		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.	
author	are, under penalty of perjury, that I am an ized representative of the above-named ant for the Authorization(s) specified above.	Donal Mr <i>Televi</i>
		12/04/

Certification	Section	Question	Respo
	Submission of Actual Cost Documentation Statements	WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISIONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).	
		 The Authorized Person signing below certifies and represents that he/she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above- named entity. 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.	
		 The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount. 	

- 5. The above-named entity certifies that the equipment and services paid for with money from the TV **Broadcaster Relocation** Fund are necessary to change channels (full power and Class A stations) and /or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD) .
- 6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 7. The above-named entity certifies that the cost information/documents submitted reflect costs actually incurred.
- 8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
- 9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	Donal Mr Televi
	12/04/

Attachments