Approved by OMB (Office of Management and Budget) 3060-1178

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID: **38591** | Service: **DTV** | Call Sign: **KLTS-TV** | Channel: **17 (UHF)**

File Number: **0000028074**

FRN: **0001720192** | Date Submitted: **06/05/2019**

Applicant Information

Applicant Name, Type, and Contact 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@lpb org

Reimbursement Contact Information

Reimbursement Contact Name and Information

Applicant	Address	Phone	E
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Pho
The Preparer is same as the reimbursement contact.		

Broadcaster Information and Transition Plan

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

Briefly describe transition plan	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	Respo
Transmitter Related Expenses	Do you have transmitter related expenses?	Yes

Primary Transmitter

Existing Transmitter Information

Section	Question	Respo
Existing Transmitter Description	Type of change	Purch
	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 and Type	Manufacturer	
	Model	HU00
	Year	2009
	Type	Solid
	Solid State Cooling	Air Co
	Solid State Power Capacity	15 kW

Primary Transmitter

New Transmitter Costs

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	Liquid
	Solid State Power capacity	23 kW
	Justification for New Transmitter	Requi to ope chann mask retune antenı keep t in com FAA r higher than tl transm

Primary Transmitter

Other Transmitter Costs

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
	Type	Heatir
	Size	20 ton
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	Yes
	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
Shipping and Handling	Manufacturer delivery
Transmitter Install equipment rental	Heavy lift equipment rental.

Antennas

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

Primary Antenna

Existing Antenna Information

Section	Question	Respo
Existing Antenna Description	Type of change	Purch
	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 Manufacturer and Type	Class	Full P
	Mounting	Top M
	Antenna position in stack	Not in
	Polarization	Horizo
	Type	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 Antenna

New Antenna Costs

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 M
	Antenna position in stack	Not in
	Polarization	Ellipti
	Type	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

	Justification for New Antenna	Existi not be manu must the ne chann

Primary Antenna

Other Antenna Costs

Section	Question	Respo
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Type	
	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 i
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 Antenna

Other Antenna Cost Not Listed

Name	Description
Shipping	Alive has put TBD on the quote. This i number

Interim Antenna

New Antenna Costs

Section	Question	Respo
New Antenna Description	Use	Interi
	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 M
	Antenna position in stack	Not in
	Polarization	Ellipti
	Type	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

	Justification for New Antenna	KLTS broad full po main t 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?	B
	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 quo 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 Line Description	Type of change	Purch
	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	
	Type	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	1316 f

Primary Transmission Line

New Transmission Line

Section	Question	Respo
New Transmission Line Costs	Use	Prima
	Description of Use	N/A
	Change Type	Purch
	Is this a request for upgraded equipment?	No
	Type	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	1316 f
	Justification for New Transmission Line	Existir compa repacl

Primary Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

Interim Transmission Line

New Transmission Line

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

Interim Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

Tower Equipment And Rigging Costs

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

Primary Tower

Existing Tower

Section	Question	Respo
Existing Tower Description	Type of change	Modify
	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 Registration	Do you have a tower registration number?	No
	ASR Number	
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	32° 4(
	Longitude (NAD83)	093° 5
	Overall Structure Height	1080.(
	Support Structure Height	1006.8
	Ground Elevation Above Mean Sea Level (AMSL)	250.0(
	Structure Type	GTOV Struct Comm Purpo

	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

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 Reinfo 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 Management Services	Do you require outside project management services?	Yes
	Number of Hours	500
	Explanation	We wi assist projec due to 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	Yes
	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 Services	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	Yes
	Additional Field Engineering Service	Yes
	Number of Days	22
	Justification	We dc compr interna Consu Engin to me coordi FCC c needs

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

Information not provided.

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

Other Expenses Not Listed

Information not provided.

Cost Information

Transmitters

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**		**$589,570.82**
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.	$4,570.82
Other -- Building Addition Size: 600.0	***$22,000.00***	$22,000.00	N/A	N/A
20 Ton system	$115,500.00	$110,000.00	This building is going to require adjustments to the environmental controls due to the location in a more northern latitude (additional heating)	N/A
4" Rigid Conduit and Wiring (Cost per foot)	$50,500.00	$48,000.00	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	$947,000.00	$900,000.00	N/A	$585,000.00
Shipping and Handling	***$22,000.00***	$22,000.00	N/A	N/A
Sub-total	$1,179,000.00	$1,124,000.00	N/A	$589,570.82
Total for all systems	$3,872,847.00	$3,710,289.00	N/A	$1,560,354.4

Components

Actual Information Description	File Name	
Transmitter Install equipment rental	**Component Description:**	KLTS_40 Standard_Transmission Line_Storage_Invoice_900447483
	Amount:	$529.58
	Component Description:	KLTS_25x10_Transmission Line_Storage_Invoice_900559124
	Amount:	$166.39
	Component Description:	KLTS_25x10_Transmission Line_Storage_Invoice_900507955
	Amount:	$166.39
	Component Description:	KLTS_25x10_Transmission Line_Storage_Invoice_900459039
	Amount:	$166.39
	Component Description:	KLTS_25x10_Transmission Line_Storage_Invoice_Cover Letter_9004751392_8-14-2018_R Late Fee.
	Amount:	$166.39
	Component Description:	KLTS_40' Standard_Transmission Line_Storage_Quote Single Invoice_9005474069_12-12-2018
	Amount:	$167.58
	Component Description:	KLTS_25x10_Transmission Line_Storage_Invoice_Cover Letter_9004909714_9-11-2018_R Late Fee
	Amount:	$166.39

Component Description: KLTS_25x10_Transmission Line_Storage_Invoice_Cover Letter_9005751824_1-29-2019
Amount: $166.39

Component Description: KLTS_25x10_Transmission Line_Storage_Invoice_Cover Letter_9005423929_12-4-2018_m
Amount: $166.39

Component Description: KLTS_40' Standard_Transmission Line_Storage_Invoice_Cover Letter_9005128195_10-17-2018_I Late Fee
Amount: $167.58

Component Description: KLTS_40' Standard_Transmission Line_Storage_Invoice_Cover Letter_9004798203_8-22-2018_R Late Fee
Amount: $167.58

Component Description: KLTS_40' Standard_Transmission Line_Storage_Quote and Invoice_ Letter_9005639098_1-9-2019_Wa
Amount: $167.58

Component Description: KLTS_40' Standard_Transmission Line_Storage_Quote and Invoice_9006272369_5-1-2019
Amount: $167.58

Component Description: KLTS_40' Standard_Transmission Line_Storage_Invoice_900530117 2018
Amount: $167.58

Component Description:	KLTS_25x10_Transmission Line Storage_Invoice 9004751392_8-1 2018_Removal OF Late Fee
Amount:	($24.96)
Component Description:	KLTS_40' Standard_Transmissior Line_Storage_Invoice_900547406 2018.
Amount:	$167.58
Component Description:	KLTS_40' Standard_Transmissior Line_Storage_Invoice_900512819 2018
Amount:	$192.72
Component Description:	KLTS_Mobile Mini Quote_40' _Fa
Amount:	N/A
Component Description:	KLTS_Mobile Mini Quote_25'_Fac
Amount:	N/A
Component Description:	KLTS_25x10_Transmission Line_Storage_Invoice_900490971
Amount:	$191.35
Component Description:	KLTS_25x10_Transmission Line S Quote and Invoice_9006373734_5
Amount:	$166.39
Component Description:	KLTS_25x10_Transmission Line S Quote and Invoice_9006064946_3
Amount:	$166.39
Component Description:	KLTS_25x10_Transmission Line_Storage_Invoice_900524983
Amount:	$166.39

Component Description: KLTS_40' Standard_Transmission Line_Storage_Invoice_900463828
Amount: $167.58

Component Description: KLTS_25x10_Transmission Line S Quote and Invoice_9006218620_4
Amount: $166.39

Component Description: KLTS_40' Standard_Transmission Line_Storage_Invoice_900563909 2019_Subtract Late Charge
Amount: $167.58

Component Description: KLTS_25x10_Transmission Line_Storage_Invoice_900542392 2018_minus late fee
Amount: $166.39

Component Description: KLTS_25x10_Transmission Line_Storage_Invoice_900442889
Amount: $610.39

Component Description: KLTS_40' Standard_Transmission Line_Storage_Invoice_900479820 2018_Removal Of Late Fee.
Amount: ($25.14)

Component Description: KLTS_40' Standard_Transmission Line_Storage_Invoice_900479820
Amount: $192.72

Component Description: KLTS_25x10_Transmission Line_Storage_Invoice_900475139
Amount: $191.35

	Component Description: KLTS_40' Standard_Transmission Line_Storage_Quote and Invoice_9006117142_4-3-2019 **Amount:** $167.58 **Component Description:** KLTS_40' Standard_Transmission Line_Storage_Quote and Invoice_9005963599_3-6-2019 **Amount:** $167.58 **Component Description:** KLTS_40' Standard Transmission Line_Storage_Invoice_900512819 2018_Removal Of Late Fee. **Amount:** ($25.14) **Component Description:** KLTS_40' Standard_Transmission Line_Storage_Invoice_900580687 **Amount:** $167.58 **Component Description:** KLTS_25x10_Transmission Line Storage_Invoice 9004909714_9-1 2018_Removal OF Late Fee.pdf **Amount:** ($24.96)
Other -- Building Addition Size: 600.0	Information not provided.
20 Ton system	Information not provided.
4" Rigid Conduit and Wiring (Cost per foot)	Information not provided.

UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	**Component Description:**	KLTS_Proposal and Invoice - 30% payment invoice 18385 2-12-2019
	Amount:	$270,000.00
	Component Description:	KLTS_Channel 17 Transmitter_1s Downpayment_INVOICE_E17033
	Amount:	$157,800.00
	Component Description:	KLTS_ Proposal_E17-0334-5_2nd Payment_Invoice-18308_1-7-2019
	Amount:	$157,500.00
	Component Description:	KLTS_ Proposal_E17-0334-5_2nd Payment_Invoice-18308_1-7-2019
	Amount:	$157,500.00
	Component Description:	N/A
	Amount:	N/A
	Component Description:	Heartland Video_KLTS Rebrander 63487_1-31-18
	Amount:	$12,812.47
	Component Description:	KLTS_Channel 17 Transmitter_1s Downpayment_INVOICE_E17033 Amount
	Amount:	$157,500.00
	Component Description:	Heartland Video_KLTS - Shreveport Quote_WISQ48350_11-27-17
	Amount:	N/A
Shipping and Handling	Information not provided.	

Cost Information

Antennas

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
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
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	$13,700.00	$13,000.00	N/A	$2,150.00

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
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
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
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	$1,560,354.44

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.
UHF - Lower Power Side Mount, One station antenna -- 200-500 kW, elliptically or circularly polarized	

Component Description:	KLTS_Alive INV 1 Antenna Proposal, Invoice- Elbow, Harness_Station L Facility ID_Update
Amount:	$37,500.00
Component Description:	KLTS_Alive Side M Band Antenna_Qu Invoice_2051 Corr
Amount:	$29,000.00
Component Description:	KLTS_Alive Side M Band Antenna_Qu Invoice_1842_Cor
Amount:	$29,000.00
Component Description:	KLTS_Alive INV 1 Antenna_Station C and Facility ID
Amount:	$29,000.00
Component Description:	KLTS_Alive Updat Quote_INV 1963 A Elbow, Harness.
Amount:	$37,500.00
Component Description:	KLTS_Alive_INV 2 Antenna Final Pay
Amount:	$29,000.00
Component Description:	KLTS Alive Side M Band Antenna_Pro 043018_Revised-(
Amount:	N/A

	Component Description: **Amount:**	KLTS_Alive INV 1 Antenna_Station C and Facility ID_Co $29,000.00
Sweep test of existing antenna	Information not provided.	
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	**Component Description:** **Amount:**	KLTS_Alive Side M Band Antenna_Qu Invoice_1844 Corr $2,150.00
	Component Description: **Amount:**	KLTS_Alive INV 1 Complex_Station C and Facility ID $2,150.00
	Component Description: **Amount:**	KLTS_Alive INV 1 Complex_Station C and Facility ID_Co $2,150.00
	Component Description: **Amount:**	KLTS_Alive INV 1 Complex_Station C and Facility ID_6-1 $2,150.00
	Component Description: **Amount:**	KLTS_Alive_Upda Quote_INV 1960 I Complex $2,150.00
	Component Description: **Amount:**	KLTS_Alive Telec Interim Elbox Com 17_Deposit $2,150.00

Shipping	**Component Description:** **Amount:**	KLTS_Alive_INV 2 Shipping_11-8-18 $6,285.00
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 Elbox Compl 17_Deposit $4,150.00
	Component Description: **Amount:**	KLTS_Alive _Top Antenna Proposal_ N/A
	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_INV 2 Main Antenna_11- $62,400.00

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	**Component Description:**	KLTS_Alive_INV 2 75 ohm Elbow Cor 18
	Amount:	$4,150.00
	Component Description:	KLTS_Alive Telec Main Elbox Compl 17_Deposit
	Amount:	$4,150.00

Cost Information

Transmission Line

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	$1,560,354.44

Components

Actual Information Description	File Name

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

Rigid Transmission Line - copper, 6 1 /8"	**Component Description:**	KLTS_Alive INV TX Line_Statior and Facility ID_
	Amount:	$99,850.00
	Component Description:	KLTS_Alive Tel 1848 Main Tran Line_11-29-17_
	Amount:	$99,850.00
	Component Description:	KLTS_Alive INV TX Line_ Statio and Facility ID_
	Amount:	$99,850.00
	Component Description:	KLTS_Alive Up Quote_INV 196
	Amount:	$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**		**$463,484.00**
Serious tower reinforcement /modifications	$1,052,000.00	$1,000,000.00	N/A	$463,484.00
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	$463,484.00
Total for all systems	$3,872,847.00	$3,710,289.00	N/A	$1,560,354.4

Components

Actual Information Description	File Name	
Serious tower reinforcement /modifications	**Component Description:**	KLTS_Tower Reinforcement_Invoice_2054_from_Co 31-18.
	Amount:	$40,000.00
	Component Description:	KLTS_MEI_Vendor Quote and Invoice_
	Amount:	$2,500.00

Component Description: Coast to Coast Towers_Invoice 2106_C 2019
Amount: $55,876.00

Component Description: KLTS_Tower Services Interim Antenna Services_Invoice 2100_11-30-18_Corre
Amount: $20,000.00

Component Description: Structural Damage Repair Design
Amount: $3,000.00

Component Description: Structural Design Modification
Amount: $8,000.00

Component Description: KLTS_Proposal and Invoice_2105_Coa Mobilization_12-07-18
Amount: $25,000.00

Component Description: KLTS_Tower Services Interim Antenna Services_Invoice 2099_11-30-18_Corre
Amount: $50,000.00

Component Description: KLTS_Proposal and Invoice_2106_Coa
Amount: $55,876.00

Component Description: KLTS_Proposal and Invoice_2107_Coa Delay_Tower Service_Materials_12-12-
Amount: $14,541.20

Component Description: KLTS_Maximize_Side Mount Antenna S Engineering_Invoice-1805103V0_5-17-
Amount: $2,500.00

	Component Description: KLTS_Tower Services Reinforcements_Invoice_2060_from_C 21-18. **Amount:** $60,148.00 **Component Description:** KLTS_Tower Services Interim Antenna Services_Invoice 2099 **Amount:** $50,000.00 **Component Description:** KLTS_Proposal and Invoice_2105_Coa Mobilization_12-07-18 **Amount:** $25,000.00 **Component Description:** Structural Analysis **Amount:** $6,000.00 **Component Description:** KLTS_Coast To Coast Tower Modificati 1920_10-20-17 **Amount:** $217,960.00 **Component Description:** KLTS_Proposal and Invoice_2106_Coa **Amount:** $55,876.00 **Component Description:** KLTS_Tower Services 5 inch Interim Tr 2100 **Amount:** $20,000.00
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

Cost Information

Outside Professional Services

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	$1,141.50
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	$1,560,354.44

Components

Actual Information Description	File Name
Additional Field Engineering Service, 22 Days	**Component Description:** KLTS Geo techn **Amount:** $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:** Status of financia **Amount:** $312.00 **Component Description:** Review of 399 **Amount:** $829.50 **Component Description:** KLTS_Construct Matters_5-14-18 **Amount:** $139.50
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	**Component Description:** Professional Ser Repack_KLTS_1 17_Invoice 6725 **Amount:** $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:**	KLTS TV repack $5,488.62
	Component Description: **Amount:**	Professional Ser Repack_KLTS_1 17_Invoice 6675 $39.00

Cost Information

Other Expenses

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**
DTV Medical Facility Notification	$11,550.00	$11,000.00	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
Develop and air announcement of upcoming channel change	***$10,000.00***	$10,000.00	N/A	N/A
MVPD Notification of Channel Change	***$10,000.00***	$10,000.00	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	$1,560,354.44

Components

Information not provided.

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actua
Total for all systems	$3,872,847.00	$3,710,289.00	$1,56

Reimbursement Status

Question	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.	
	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 above-named applicant for the Authorization(s) specified above.	**Donal** **Mr. .** *Televi* 06/05/

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).	
	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. 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. 3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.	

5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and /or otherwise modify a television station’s facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD) .
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* 06/05/

Attachments