



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **35666** | Service: **DTV** | Call **KTEN** | Channel: **17 (UHF)** |  
ID: | Sign:  
File **0000027674**  
Number:  
FRN: **0003755279** | Date **02/18**  
Submitted: **/2020**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>CHANNEL 49 ACQUISITION CORPORATION</b>	150 Fayetteville Street	+1 (919) 839-	cramsey@brookspierce. com	Corporation
Doing Business As:	Suite 1700	0300		
CHANNEL 49 ACQUISITION CORPORATION	Raleigh, NC 27602 United States			

## Reimbursement Contact Information

### Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

## Preparer Contact Information

### Preparer Contact Name and Information

Applicant	Address	Phone	Email
<b>Bob Pectelidis</b> <i>Director of Engineering</i> <i>CHANNEL 49 ACQUISITION</i> <i>CORPORATION</i>	Bob Pectelidis 3914 Wistar Road Richmond, VA 23228 United States	+1 (804) 672-6565	bob@lockwoodbroadcast. 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.	No
Briefly describe transition plan	See attached

**Transmitters**

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

**Auxiliary  
Transmitter****Add Transmitter Information**

Section	Question	Response
<b>Existing Transmitter Description</b>	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Backup
	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
<b>Existing Transmitter Manufacturer and Type</b>	Manufacturer	
	Model	DT830A
	Year	2003
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	.5 kW

**Auxiliary  
Transmitter****New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	EC701HP- BB
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	.8 kW
	Justification for New Transmitter	Axcera has been unable to provide a quote to retune to date. 800W is the smallest transmitter Comark makes. See attached transition plan.

**Auxiliary  
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	No
	Size	N/A
	Length	N/A
	Other Electrical Service	No
	Description	N/A
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
<b>Channel 14 Costs</b>	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

**Auxiliary  
Transmitter**

**Other Transmitter Cost Not Listed**

Information not provided.

**Primary  
Transmitter**

**Existing Transmitter Information**

Section	Question	Response
<b>Existing Transmitter Description</b>	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
<b>Existing Transmitter Manufacturer and Type</b>	Manufacturer	
	Model	Classic Innovator VISIONARY IOT DT
	Year	2006
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	50 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?	Yes
	Manufacturer	
	Model	THU9-48 Evo
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	67 kW
	Justification for New Transmitter	Existing transmitter re tune unsupported. See attached. Cost of replacement Tube transmitter exceeds Solid State. See attached. Also requires 8th order filter to protect land-mobile See attached statement.

**Primary  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	Yes

	Switchgear (industrial 800 amp)	No
	Transformer (480V)	Yes
	Power	150 kVA
	Rigid Conduit and Wiring	Yes
	Size	2 inches
	Length	400.0 feet
	Other Electrical Service	No
	Description	N/A
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
<b>Channel 14 Costs</b>	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
Concrete Slab and Ice Bridge	Slab for Heat exchanger



**Antennas**

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

**Primary  
Antenna**

**Existing Antenna Information**

Section	Question	Response
<b>Existing Antenna Description</b>	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	No
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
<b>Existing Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels	N/A
	Design power capacity in use	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	1000.0 kW

Manufacturer	
Model	TFU-32DSB-R O3
Year	2006

Primary  
Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	1000.0 kW
	Manufacturer	

Model	ATW30H3-ETO12-17H
Year	2020
Justification for New Antenna	Current Antenna wont support new frequency

## Primary Antenna

### Other Antenna Costs

Section	Question	Response
<b>Combiner for Shared Antenna</b>	Do you need a Combiner for a Shared Antenna?	
	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
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	6 1/8 inches
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for a high power antenna?	
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes

**Primary  
Antenna**

**Other Antenna Cost Not Listed**

Information not provided.

**Transmission Line**

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

Primary  
Transmission Line

Existing Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1385 feet per run



**Primary** **New Transmission Line**  
**Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1390 feet per run
	Justification for New Transmission Line	See attached transition plan

**Primary** **Other Transmission Line Expenses Not Listed**  
**Transmission Line**

Information 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	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	No
	One or more FM, AM or TV radio broadcaster(s)	N/A
	Others Types of Users	N/A
	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	1011425
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	34° 21' 34.0" N-
	Longitude (NAD83)	096° 33' 35.0" W-
	Overall Structure Height	1458.32 feet
	Support Structure Height	1350.38 feet
	Ground Elevation Above Mean Sea Level (AMSL)	880.24 feet
	Structure Type	TOWER - Free Standing or Guyed Structure

	Tower Owner	KTEN TELEVISION LIMITED PARTNERSHIP DBA = KTEN TV
	Date Constructed	09/01/1984

### Primary Tower

#### Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for undocumented /poorly documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	Major Reinforcements needed

### Primary Tower

#### Tower Rigging Costs

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

### Primary Tower

#### Other Tower Expenses Not Listed

Name	Description
Tower Load Study	Tower Load Study

**Outside  
Professional**

Section	Question	Response
<b>Services Costs Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	695
	Explanation	Expenses for experienced RF consultant to layout and assist with project management and Widely Strategic Hours
<b>Outside RF consulting Engineering Services</b>	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
<b>Attorney and Other Outside Consulting Services</b>	Prepare and file Form FCC Construction Permit Application	Yes
	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	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
<b>RF Field Engineering Services</b>	Comprehensive coverage verification via field study	No
	RF exposure measurements	No
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

## Outside

## Professional

### Other Professional Services Expenses Not Listed

#### Services Costs

Name	Description
<b>Additional Repack Legal Services Not Otherwise Specified in Form 399</b>	Non-Catalog Legal Services such as review of quarterly transition status reports and other miscellaneous non-catalog legal fees.



## Other Expenses

Section	Question	Response
<b>AM Pattern Disturbance</b>	Is an Impact Study needed?	No
	Is Remediation needed?	No
<b>Facility Expenses</b>	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
<b>Permit and Filing Costs</b>	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
<b>Other Miscellaneous Expenses</b>	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
Site survey	Initial assessment and cad drawing of existing facilities
Site Preperation	reworking of existing interior rf system



## 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
<b>Primary Transmitter THU9-48 Evo</b>	<b>\$1,498,303.00</b>	<b>\$1,584,602.80</b>		<b>\$1,330,854.52</b>	
UHF - Liquid Cooled Solid State Transmitter 67 kW	<i>\$1,433,793.00</i>	\$1,433,793.00	per Rohde Schwarz Quote 135710.1 and KTEN Rohde & Schwarz Primary Transmitter Installation Summary	\$1,200,094.72	N/A
Concrete Slab and Ice Bridge	<i>\$14,160.00</i>	\$14,160.00	see Estimated Cost Justification KTEN-110-1st Primary Transmitter - Concrete Slab and Ice Bridge v0	\$14,160.00	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$10,400.00	\$10,000.00	N/A	N/A	N/A
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$24,300.00	N/A	\$14,250.00	N/A

Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$102,349.80	Farris Electric Invoice E19-001	\$102,349.80	N/A
<b>Auxiliary Transmitter EC701HP-BB</b>	<b>\$66,950.00</b>	<b>\$66,950.00</b>		<b>\$4,522.82</b>	
UHF - Air Cooled Solid State Transmitter . 8 kW	<b>\$66,950.00</b>	\$66,950.00	Quote is attached.	\$4,522.82	N/A
<b>Sub-total</b>	\$1,565,253.00	\$1,651,552.80	N/A	\$1,335,377.34	N/A
<b>Total for all systems</b>	\$3,054,730.75	\$3,162,952.55	N/A	\$2,109,470.55	N/A

## Components

Actual Information	
Description	File Name

UHF - Liquid Cooled Solid  
State Transmitter 67 kW

<b>Component Description:</b>	Services are in conjunction with Ed Murlatt ASsociates
<b>Amount:</b>	\$23,000.00
<b>Component Description:</b>	DP 75% Down Payment - PO 8154 Transmitter Replacement, for repack
<b>Amount:</b>	\$848,064.00
<b>Component Description:</b>	Installation services
<b>Amount:</b>	\$23,000.00
<b>Component Description:</b>	Repack Materials
<b>Amount:</b>	\$192.85
<b>Component Description:</b>	Balance due for Installation Services
<b>Amount:</b>	\$23,000.00
<b>Component Description:</b>	DP
<b>Amount:</b>	\$282,688.00
<b>Component Description:</b>	Transmitter Installation Materials
<b>Amount:</b>	\$149.87

Concrete Slab and Ice Bridge	<div> <b>Component Description:</b> Removed mud water and repacked gravel on east end of building in preparation for 2 new French drains </div> <div> <b>Amount:</b> \$8,610.00 </div>
	<div> <b>Component Description:</b> Remove sink hole in front of new gates on east side of building where the concrete pad is going. </div> <div> <b>Amount:</b> \$1,950.00 </div>
	<div> <b>Component Description:</b> Reinstall with existing material </div> <div> <b>Amount:</b> \$3,600.00 </div>
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
Transformer 3 phase/480v - 150 KVA	<div> <b>Component Description:</b> KTEN-110-1st Primary Transmitter - 3 Phase/480V, 150 KVA Transformer </div> <div> <b>Amount:</b> \$3,562.50 </div> <div> <b>Component Description:</b> KTEN-110-1st Primary Transmitter - 3 Phase/480V, 150 KVA Transformer </div> <div> <b>Amount:</b> \$10,687.50 </div>

Service entrance 3 phase /800 amp/208 volt	<b>Component Description:</b>          <b>Amount:</b>	Commercial /Industrial electrical renovation Phase II for KTEN Wapanucka Tower location 35666 facility, 2nd phase to include (but not limited too) Install new 3 phase commercial panels \$102,349.80
UHF - Air Cooled Solid State Transmitter .8 kW	<b>Component Description:</b>  <b>Amount:</b>	Filter \$4,522.82

## 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
<b>Primary Antenna ATW30H3-ETO12-17H</b>	<b>\$308,530.00</b>	<b>\$246,100.00</b>		<b>\$146,100.00</b>	
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$228,000.00	Per ERI Proposal 20190530-691 Rev A	\$142,350.00	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$11,700.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$3,750.00	N/A
<b>Sub-total</b>	<b>\$308,530.00</b>	<b>\$246,100.00</b>	<b>N/A</b>	<b>\$146,100.00</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$3,054,730.75</b>	<b>\$3,162,952.55</b>	<b>N/A</b>	<b>\$2,109,470.55</b>	<b>N/A</b>

### Components

Actual Information		
Description	File Name	
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	<b>Component Description:</b>	Antenna
	<b>Amount:</b>	\$71,175.00
	<b>Component Description:</b>	Antenna, Dehydrator, System Sweep, Transmission Line, Custom Pedestal
	<b>Amount:</b>	\$71,175.00
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.	
Sweep test of existing antenna	<b>Component Description:</b>	KTEN-210- Primary Antenna - Sweep Test
	<b>Amount:</b>	\$1,875.00
	<b>Component Description:</b>	KTEN-210- Primary Antenna - Sweep Test
	<b>Amount:</b>	\$1,875.00

Cost  
Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmission Line	\$280,780.00	\$266,880.00		\$118,945.70	
Rigid Transmission Line - copper, 6 1/8"	\$280,780.00	\$266,880.00	N/A	\$118,945.70	N/A
Sub-total	\$280,780.00	\$266,880.00	N/A	\$118,945.70	N/A
Total for all systems	\$3,054,730.75	\$3,162,952.55	N/A	\$2,109,470.55	N/A

Components

Actual Information	
Description	File Name



Rigid Transmission Line - copper, 6 1/8"		
	<b>Component Description:</b>	KTEN-310- Primary Transmission Line - Rigid Copper, 6 1 /8"
	<b>Amount:</b>	\$310.02
	<b>Component Description:</b>	KTEN-310- Primary Transmission Line - Rigid Copper, 6 1 /8"
	<b>Amount:</b>	\$59,317.84
	<b>Component Description:</b>	KTEN-310- Primary Transmission Line - Rigid Copper, 6 1 /8"
	<b>Amount:</b>	\$59,317.84

## 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
<b>Primary Tower TOWER</b>	<b>\$675,125.00</b>	<b>\$779,572.00</b>		<b>\$408,513.00</b>	
Tower Load Study	<i>\$17,325.00</i>	\$17,325.00	Please see ERI Invoice 52560 and quote ERI 20181220-191	\$17,325.00	N/A
Major tower reinforcement /modifications	\$421,000.00	\$400,000.00	N/A	\$179,679.50	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$32,260.00	Structural estimate includes geotech and mapping. See attached cost estimate	\$23,515.00	N/A
Tall Tower (greater than 500')	\$210,500.00	\$329,987.00	per ERI Proposal 20190916-764	\$187,993.50	N/A
<b>Sub-total</b>	<b>\$675,125.00</b>	<b>\$779,572.00</b>	N/A	<b>\$408,513.00</b>	N/A
<b>Total for all systems</b>	<b>\$3,054,730.75</b>	<b>\$3,162,952.55</b>	N/A	<b>\$2,109,470.55</b>	N/A

### Components

**Actual Information**  
**Description**

**File Name**

Tower Load Study	<b>Component Description:</b>	STRUCTURAL ANALYSIS AND REPORT
	<b>Amount:</b>	\$12,325.00
	<b>Component Description:</b>	Reinforcing Analysis and Design
	<b>Amount:</b>	\$5,000.00
Major tower reinforcement /modifications	<b>Component Description:</b>	Reinforcement Material
	<b>Amount:</b>	\$179,679.50
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	<b>Component Description:</b>	Partial Payment on Invoice 35428
	<b>Amount:</b>	\$16,130.00
	<b>Component Description:</b>	KTEN-410-Existing Primary Tower - Tower Mapping, Undocumented Tower
	<b>Amount:</b>	\$7,385.00
Tall Tower (greater than 500')	<b>Component Description:</b>	KTEN-410-Existing Primary Tower - Tower Rigging, Tall Tower
	<b>Amount:</b>	\$164,993.50
	<b>Component Description:</b>	Installation Services
	<b>Amount:</b>	\$23,000.00

## Cost Information

### Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Outside Professional Services</b>	<b>\$145,520.00</b>	<b>\$148,425.00</b>		<b>\$90,206.37</b>	
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$5,283.33	N/A
Project management of the transition	\$109,810.00	\$114,675.00	KTEN Widelity Strategic Support Quote	\$77,495.64	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	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$1,939.10	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	\$1,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,750.00	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$1,544.20	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	\$662.50	N/A
Additional Repack Legal Services Not Otherwise Specified in Form 399	\$5,000.00	\$5,000.00	N/A	\$1,531.60	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	N/A	N/A
<b>Sub-total</b>	\$145,520.00	\$148,425.00	N/A	\$90,206.37	N/A
<b>Total for all systems</b>	\$3,054,730.75	\$3,162,952.55	N/A	\$2,109,470.55	N/A

## Components

Actual Information	Description	File Name
Perform engineering study for new channel assignment and antenna development	<b>Component Description:</b>	KTEN-530-RF Eng - Engineering Study for New Channel Assignment
	<b>Amount:</b>	\$604.16
	<b>Component Description:</b>	KTEN-530-RF Eng - Engineering Study for New Channel Assignment
	<b>Amount:</b>	\$3,379.17
	<b>Component Description:</b>	Smith and Fisher, LLC 6609 Revised Invoice with detailed breakdown of services per the reviewer's request.
	<b>Amount:</b>	\$650.00
	<b>Component Description:</b>	Smith and Fisher, LLC 65680 Revised Invoice with detailed breakdown of services per the reviewer's request.
	<b>Amount:</b>	\$650.00
Project management of the transition	<b>Component Description:</b>	Hourly project Management Services
	<b>Amount:</b>	\$3,787.50

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$8,652.55

<b>Component Description:</b>	Hourly Project Management Services
<b>Amount:</b>	\$1,387.50

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,575.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,475.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,740.40

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$8,726.55

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,771.60

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4.05

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$8,322.90

<b>Component Description:</b>	Hourly Project Management
<b>Amount:</b>	\$2,137.50
<b>Component Description:</b>	Travel-Repack Engineering for Robert E. Thurber
<b>Amount:</b>	\$3,291.42
<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,894.80
<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,988.80
<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$6,139.50
<b>Component Description:</b>	Project Management Partial Invoice
<b>Amount:</b>	\$1,200.00
<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$5,578.55
<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,738.75
<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,449.30



	<b>Component Description:</b> <b>Amount:</b>	Repack Engineering \$972.77
	<b>Component Description:</b> <b>Amount:</b>	Project Management \$1,050.00
	<b>Component Description:</b> <b>Amount:</b>	Hourly Project Management Services by Ed Murlatt \$412.50
	<b>Component Description:</b> <b>Amount:</b>	Project Management \$398.70
	<b>Component Description:</b> <b>Amount:</b>	KTEN-510-Project Management \$4.05
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.	

<p>Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application</p>	<table> <tr> <td data-bbox="707 174 1015 208"><b>Component Description:</b></td><td data-bbox="1150 174 1362 324">Split Invoice for Legal Form 2100 Construction Permit Application</td></tr> <tr> <td data-bbox="707 338 815 371"><b>Amount:</b></td><td data-bbox="1150 338 1230 371">\$59.40</td></tr> <tr> <td data-bbox="707 477 1015 510"><b>Component Description:</b></td><td data-bbox="1150 477 1362 627">Split Invoice for Legal Form 2100 Construction Permit Application</td></tr> <tr> <td data-bbox="707 640 815 674"><b>Amount:</b></td><td data-bbox="1150 640 1230 674">\$79.20</td></tr> <tr> <td data-bbox="707 779 1015 813"><b>Component Description:</b></td><td data-bbox="1150 779 1362 965">KTEN-550-Attorney - Construction Permit Application (Main</td></tr> <tr> <td data-bbox="707 978 815 1012"><b>Amount:</b></td><td data-bbox="1150 978 1246 1012">\$151.20</td></tr> <tr> <td data-bbox="707 1117 1015 1151"><b>Component Description:</b></td><td data-bbox="1150 1117 1362 1267">Split Invoice for Legal Form 2100 Construction Permit Application</td></tr> <tr> <td data-bbox="707 1281 815 1314"><b>Amount:</b></td><td data-bbox="1150 1281 1270 1314">\$1,800.50</td></tr> </table>	<b>Component Description:</b>	Split Invoice for Legal Form 2100 Construction Permit Application	<b>Amount:</b>	\$59.40	<b>Component Description:</b>	Split Invoice for Legal Form 2100 Construction Permit Application	<b>Amount:</b>	\$79.20	<b>Component Description:</b>	KTEN-550-Attorney - Construction Permit Application (Main	<b>Amount:</b>	\$151.20	<b>Component Description:</b>	Split Invoice for Legal Form 2100 Construction Permit Application	<b>Amount:</b>	\$1,800.50
<b>Component Description:</b>	Split Invoice for Legal Form 2100 Construction Permit Application																
<b>Amount:</b>	\$59.40																
<b>Component Description:</b>	Split Invoice for Legal Form 2100 Construction Permit Application																
<b>Amount:</b>	\$79.20																
<b>Component Description:</b>	KTEN-550-Attorney - Construction Permit Application (Main																
<b>Amount:</b>	\$151.20																
<b>Component Description:</b>	Split Invoice for Legal Form 2100 Construction Permit Application																
<b>Amount:</b>	\$1,800.50																
<p>Prepare request for Special Temporary Authorization</p>	<p>Information not provided.</p>																
<p>Prepare engineering section of FCC Form 2100 (main), License to Cover Application</p>	<p>Information not provided.</p>																
<p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p>	<table> <tr> <td data-bbox="707 1753 1015 1787"><b>Component Description:</b></td><td data-bbox="1150 1753 1378 1977">Smith and Fisher, LLC 6693 Revised Invoice with detailed breakdown of services per the reviewer's request.</td></tr> <tr> <td data-bbox="707 1993 815 2027"><b>Amount:</b></td><td data-bbox="1150 1993 1270 2027">\$1,750.00</td></tr> </table>	<b>Component Description:</b>	Smith and Fisher, LLC 6693 Revised Invoice with detailed breakdown of services per the reviewer's request.	<b>Amount:</b>	\$1,750.00												
<b>Component Description:</b>	Smith and Fisher, LLC 6693 Revised Invoice with detailed breakdown of services per the reviewer's request.																
<b>Amount:</b>	\$1,750.00																

Prepare and or review reimbursement form	<div> <b>Component Description:</b> Legal Services for Prepare or review reimbursement form Split Invoice </div> <div> <b>Amount:</b> \$394.80 </div>
	<div> <b>Component Description:</b> Legal Services for Prepare or review reimbursement form </div> <div> <b>Amount:</b> \$213.50 </div>
	<div> <b>Component Description:</b> Legal Services for Prepare or review reimbursement form Split Invoice </div> <div> <b>Amount:</b> \$893.20 </div>
	<div> <b>Component Description:</b> Legal Services for Prepare or review reimbursement form </div> <div> <b>Amount:</b> \$42.70 </div>
Address transition timing and coordination issues w/ other stations and wireless	<div> <b>Component Description:</b> KTEN-590- Transition Timing and Coordination </div> <div> <b>Amount:</b> \$662.50 </div>
Additional Repack Legal Services Not Otherwise Specified in Form 399	<div> <b>Component Description:</b> Additional Legal Services </div> <div> <b>Amount:</b> \$85.40 </div> <div> <b>Component Description:</b> Legal Services </div> <div> <b>Amount:</b> \$592.30 </div> <div> <b>Component Description:</b> Legal Services </div> <div> <b>Amount:</b> \$330.50 </div>

	<b>Component Description:</b>	Additional Legal Services
	<b>Amount:</b>	\$128.10
	<b>Component Description:</b>	Additional Legal Services
	<b>Amount:</b>	\$59.40
	<b>Component Description:</b>	Additional Legal Services
	<b>Amount:</b>	\$42.70
	<b>Component Description:</b>	Legal Services
	<b>Amount:</b>	\$21.60
	<b>Component Description:</b>	Additional Legal Services
	<b>Amount:</b>	\$184.40
	<b>Component Description:</b>	Additional Legal Services
	<b>Amount:</b>	\$42.70
	<b>Component Description:</b>	Legal Services
	<b>Amount:</b>	\$44.50
Attorney Fees - Prepare and File request for Special Temporary Authorization	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	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Other Expenses</b>	<b>\$79,522.75</b>	<b>\$70,422.75</b>		<b>\$8,168.14</b>	
Site Preparation	<i>\$8,000.00</i>	\$8,000.00	See attached transition plan	N/A	N/A
Site survey	<i>\$6,794.00</i>	\$6,794.00	See attached transition plan	\$0.00	N/A
MVPD Notification of Channel Change	<i>\$1,000.00</i>	\$1,000.00	see attached transition plan	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$5,000.00</i>	\$5,000.00	see attached transition plan	N/A	N/A
Equipment Storage	<i>\$2,178.75</i>	\$2,178.75	KTEN-TV Justification Other Expenses - Equipment Storage v1	\$2,178.75	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$30,000.00</i>	\$30,000.00	see attached transition plan	\$800.00	N/A
DTV Medical Facility Notification	\$11,550.00	\$2,450.00	see attached quote	N/A	N/A

Equipment Delivery and Handling Charges	<b>\$15,000.00</b>	\$15,000.00	see attached transition plan	\$5,189.39	N/A
<b>Sub-total</b>	\$79,522.75	\$70,422.75	N/A	\$8,168.14	N/A
<b>Total for all systems</b>	\$3,054,730.75	\$3,162,952.55	N/A	\$2,109,470.55	N/A

## Components

Actual Information Description	File Name
Site Preperation	<p><b>Component Description:</b> Remove and replace beam and drop down ceiling; Sheetrock opening at transmitter site in Wapanucka, OK.</p> <p><b>Amount:</b> \$1,280.00</p> <p><b>Component Description:</b> Gravel, Tractor (1 Day)</p> <p><b>Amount:</b> \$880.00</p>
Site survey	<p><b>Component Description:</b> Site Survey Partial Invoice</p> <p><b>Amount:</b> \$5,593.70</p>
MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.

Equipment Storage	<table> <tr> <td data-bbox="703 176 1023 206"><b>Component Description:</b></td><td data-bbox="1158 176 1358 327">20' Standard Container, RENTAL, KTEN-Facility</td></tr> <tr> <td data-bbox="703 338 826 367"><b>Amount:</b></td><td data-bbox="1158 338 1254 367">\$810.00</td></tr> <tr> <td data-bbox="703 477 1023 506"><b>Component Description:</b></td><td data-bbox="1158 477 1307 584">20' Standard Container, RENTAL</td></tr> <tr> <td data-bbox="703 595 826 624"><b>Amount:</b></td><td data-bbox="1158 595 1254 624">\$108.75</td></tr> <tr> <td data-bbox="703 734 1023 763"><b>Component Description:</b></td><td data-bbox="1158 734 1353 884">Rent on 20' Standard Container at Wapanucka, OK</td></tr> <tr> <td data-bbox="703 893 826 925"><b>Amount:</b></td><td data-bbox="1158 893 1275 925">\$1,260.00</td></tr> </table>	<b>Component Description:</b>	20' Standard Container, RENTAL, KTEN-Facility	<b>Amount:</b>	\$810.00	<b>Component Description:</b>	20' Standard Container, RENTAL	<b>Amount:</b>	\$108.75	<b>Component Description:</b>	Rent on 20' Standard Container at Wapanucka, OK	<b>Amount:</b>	\$1,260.00
<b>Component Description:</b>	20' Standard Container, RENTAL, KTEN-Facility												
<b>Amount:</b>	\$810.00												
<b>Component Description:</b>	20' Standard Container, RENTAL												
<b>Amount:</b>	\$108.75												
<b>Component Description:</b>	Rent on 20' Standard Container at Wapanucka, OK												
<b>Amount:</b>	\$1,260.00												
Disposal Costs (for equipment and other waste, net of any salvage value)	<table> <tr> <td data-bbox="703 1064 1023 1093"><b>Component Description:</b></td><td data-bbox="1158 1064 1334 1171">Provide flatbed truck, forklift, 2 men.</td></tr> <tr> <td data-bbox="703 1182 826 1211"><b>Amount:</b></td><td data-bbox="1158 1182 1254 1211">\$500.00</td></tr> <tr> <td data-bbox="703 1321 1023 1350"><b>Component Description:</b></td><td data-bbox="1158 1321 1374 1471">20 yard roll off set at 4200 East State HWY 7 Bromide Ok</td></tr> <tr> <td data-bbox="703 1482 826 1514"><b>Amount:</b></td><td data-bbox="1158 1482 1254 1514">\$300.00</td></tr> </table>	<b>Component Description:</b>	Provide flatbed truck, forklift, 2 men.	<b>Amount:</b>	\$500.00	<b>Component Description:</b>	20 yard roll off set at 4200 East State HWY 7 Bromide Ok	<b>Amount:</b>	\$300.00				
<b>Component Description:</b>	Provide flatbed truck, forklift, 2 men.												
<b>Amount:</b>	\$500.00												
<b>Component Description:</b>	20 yard roll off set at 4200 East State HWY 7 Bromide Ok												
<b>Amount:</b>	\$300.00												
DTV Medical Facility Notification	Information not provided.												

Equipment Delivery and Handling Charges		
	<b>Component Description:</b>	Harbor Freight Tools
	<b>Amount:</b>	\$297.64
	<b>Component Description:</b>	FORKLIFT VARIABLE REACH 6000# 40-49'
	<b>Amount:</b>	\$3,659.65
	<b>Component Description:</b>	REFUELING SERVICE CHARGE (DIESEL DSL
	<b>Amount:</b>	\$248.44
	<b>Component Description:</b>	SCISSOR LIFT 19' ELECTRIC
	<b>Amount:</b>	\$983.66



**Cost  
Information**

**Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$3,054,730.75	\$3,162,952.55	\$2,109,470.55

**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	Response
	Submission of Estimated Expenses Statements	<p>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.</p>	
		<ol style="list-style-type: none"> <li>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.</li> <li>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>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.</li> </ol>	

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.

<p>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.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p><b>Bob Pectelidis</b>  <i>Director of Corporate Engineering</i></p> <p>02/18/2020</p>

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	<p>WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS 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 AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).</p>	
		<ol style="list-style-type: none"> <li>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.</li> <li>2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.</li> <li>3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> </ol>	

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.

<p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>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.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p><b>Bob Pectelidis</b>  <i>Director of Corporate Engineering</i></p> <p>02/18/2020</p>

## Attachments