



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **69531** | Service: **DTV** | Call **KZJL** | Channel: **21 (UHF)** |  
ID: | Sign:  
File **0000028770**  
Number:  
FRN: **0016264616** | Date **06/03**  
Submitted: **/2020**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>Estrella Television License of Houston LLC</b> Doing Business As: KRCA LICENSE LLC	1845 Empire Avenue Burbank, CA 91504 United States	+1 (818) 729-5300	bkei@EstrellaMedia.com	Limited Liability Company

## 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>Samuel Hariton</b> <i>Widely, Inc.</i>	4031 University Drive Fairfax, VA 22030 United States	+1 (339) 222-8107	sam.hariton@widely.com

**Broadcaster  
Information  
and  
Transition  
Plan**

Question		Response
Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.		Yes
Briefly describe transition plan		The plan is for KZJL to replace the existing Channel 44 system with a new Channel 21 antenna, new 6-1/8" line and new transmitter. During the transition, KZJL will utilize a shared interim antenna at a new site. See attached narrative statement.

**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	Auxiliary
	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	Ranger
	Year	2001
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	1 kW

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

Section	Question	Response
<b>New Transmitter</b>	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	UAXTE- 2R37
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	1 kW
	Justification for New Transmitter	Existing transmitter cannot be retuned, so a replacement transmitter needs to be purchased.

**Auxiliary  
Transmitter****Other Transmitter Costs**

Section	Question	Response
<b>Electrical Service</b>	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	Yes
	Power	150 kVA
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A

	Other Electrical Service	Yes
	Description	The new auxiliary transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors.
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	5 tons
	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	Sigma CD
	Year	2006
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	42 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	ULXTE-72
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	47 kW
	Justification for New Transmitter	The existing transmitter cannot be retuned per letter from the manufacturer. A new replacement transmitter is required.

**Primary  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	300 kVA
	Rigid Conduit and Wiring	Yes
	Size	2 inches

	Length	1000.0 feet
	Other Electrical Service	Yes
	Description	The new main transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors.
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	20 tons
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	Yes
	Size	1500.0 square feet
<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
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<b>Ice Shield for HVAC Equipment</b>	Ice shield necessary for HVAC Equipment per tower owner.
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**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	Lease New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	Yes
<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- 30DSC-R C170
Year	2004

**Primary  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Lease New
	Is this a request for upgraded equipment?	Yes
	Ownership	Leased
	Owner	American Tower Corp.
	Is antenna shared?	Yes
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
<b>New Antenna Manufacturer and Types</b>	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Broadband Panel
	Number of Stations Supported	3
	Number of Panels/Bays	56
	Lower Limit	470.00 MHz
	Upper Limit	700.00 MHz
	Design power capacity in use	60.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	660.0 kW
	Manufacturer	
	Model	PEPL42C

Year	2018
Justification for New Antenna	The existing antenna cannot be re-tuned. KJZL decided to join effort through the BBA system in order to reduced cost compared to a like-for-like swap.

## Primary Antenna

### Other Antenna Costs

Section	Question	Response
<b>Combiner for Shared Antenna</b>	Do you need a Combiner for a Shared Antenna?	Yes
	Type	New
	Number of channels supported	3
	Frequencies of channels supported	Upper and lower frequency
	Frequency	470.0 MHz - 698.0 MHz
	Do you need a combiner output splitter /switcher for dual feed lines?	Yes
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Broadband
	Feed Line Size	7 3/16 inches 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**

Name		Description
<b>Combiner Space</b>		600-1500 sq ft indoor space needed for new Combiner system.
<b>Combiner HVAC</b>		2x10 Ton HVAC needed for the Combiner

**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
<b>Existing Transmission Line Description</b>	Type of change	Lease 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
<b>Existing Transmission Line Manufacturer and Type</b>	Manufacturer	
	Type	Rigid
	Diameter	7 3/16 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1800 feet per run

**Primary**  
**Transmission Line**

**New Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Lease New
	Is this a request for upgraded equipment?	Yes
	Type	Rigid
	Diameter	7 3/16 inches
	Other Diameter	N/A
	Segment Length	Broadband
	Other Segment Length	N/A
	Number of parallel runs	2
	Length	2100 feet per run
	Justification for New Transmission Line	The existing transmission line is the wrong segment length.

**Primary**  
**Transmission Line**

**Other Transmission Line Expenses Not Listed**

Name	Description
<b>Nitrogen Generator</b>	For transmission line protection and dehydration

**Tower  
Equipment  
And  
Rigging  
Costs**

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

**Auxiliary  
Tower**

**Add Tower**

Section	Question	Response
Existing Tower Description	Type of change	Move Equipment
	Tower Use	Auxiliary (Backup)
	Description of Use	No Longer Needed
	Ownership	Leased
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	Yes
	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	1059622
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	29° 33' 45.2" N-
	Longitude (NAD83)	095° 30' 35.9" W-
	Overall Structure Height	1974.06 feet
	Support Structure Height	1844.14 feet
	Ground Elevation Above Mean Sea Level (AMSL)	74.15 feet

Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
Tower Owner	American Towers LLC
Date Constructed	08/30/2000

**FM, AM or TV radio  
broadcasters. Facility ID's,  
Call Signs and Services of  
other broadcast stations with  
whom the tower is shared**

Facility ID	Call Sign	Service
53847	KXLN-DT	DTV
9625	KQBT	FM
31870	KYAZ	DTV
51569	KTXH	DTV
11971	KMJQ	FM
11969	KBXX	FM
28324	KTBU	DTV
13200	KUVM-CD	DTV

**Other Types of Users**

Users
Wireless 1
Wireless 2
7079 KCVH
57189 KHLM-LD
142962 K236AR

**Auxiliary  
Tower**

**Tower Rigging Costs**

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

**Auxiliary  
Tower**

**Other Tower Expenses Not Listed**

Information not provided.

## 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	Leased
	Is this tower consider Complex?	Candelabra
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	Yes
	Is tower documented for structural analysis?	No
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1059622
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	29° 33' 45.2" N-
	Longitude (NAD83)	095° 30' 35.9" W-
	Overall Structure Height	1974.06 feet
	Support Structure Height	1844.14 feet
	Ground Elevation Above Mean Sea Level (AMSL)	74.15 feet
	Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
	Tower Owner	American Towers, LLC.
	Date Constructed	08/30/2000

**FM, AM or TV radio  
broadcasters. Facility ID's,  
Call Signs and Services of  
other broadcast stations with  
whom the tower is shared**

Facility ID	Call Sign	Service
13200	KUVM-CD	DTV
22204	KRIV	DTV
51569	KTXH	DTV
11969	KBXX	FM
11971	KMJQ	FM
31870	KYAZ	DTV
53847	KXLN-DT	DTV
9625	KQBT	FM
28324	KTBU	DTV

**Other Types of Users**

Users
Wireless 1
7079 KCVH
57189 KHLN-LD
142962 K236AR
Wireless 2

**Primary  
Tower**

**Tower Modification Costs**

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

**Primary Tower**

**Tower Rigging Costs**

Section	Question	Response
<b>Tower Rigging Costs</b>	Complex Tower	Candelabra
<b>Helicopter Services Required</b>	Are helicopter services required?	No

**Primary Tower**

**Other Tower Expenses Not Listed**

Name	Description
<b>Structural Analysis</b>	After the tower mapping is complete, a structural analysis will be necessary.
<b>Ground Permit Drawings</b>	Ground & Building A and E Permit Drawing Package
<b>Tower Permit Drawings</b>	Tower Permit Drawing Package
<b>Construction Management</b>	Construction project management - Tower Modification reinforcements and facilities



**Outside  
Professional**

Section	Question	Response
<b>Services Costs Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	807
	Explanation	KZJL does not have sufficient resource capacity and expertise in house to handle all of the Project Management related tasks necessary to facilitate on-time completion of the station's build by the Construction Deadline
<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	2

	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	2
	NEPA Section 106 environmental review	Yes
	Environmental Assessment	Yes
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	Yes
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
<b>RF Field Engineering Services</b>	Comprehensive coverage verification via field study	No
	RF exposure measurements	Yes
	Additional Field Engineering Service	Yes
	Number of Days	10

	Justification	Supervision and inspection of work completed
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Outside Professional

Other Professional Services Expenses Not Listed

Services Costs	
Name	Description
Site Coordination Meeting	Site Coordination Meeting
RF System Test	RF System Test
Migratory Bird Assessment	Migratory Bird Assessment and Permitting (if needed)

## 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	Yes
	Non-zoning permits	Yes
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	Yes
<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?	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**

Name	Description
<b>Site Security</b>	Site Security necessary during repack activities.
<b>Main Site Upgrades</b>	Upgrades necessary at the Main tower site due to Repack Activities.

## 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 ULXTE-72</b>	<b>\$1,670,720.57</b>	<b>\$1,442,185.31</b>		<b>\$1,350,245.14</b>	
Ice Shield for HVAC Equipment	<i>\$8,000.00</i>	\$8,000.00	See attached KZJL Main Transmitter Cost Estimate.	\$6,000.00	N/A
Other -- Building Addition Size: 1500.0	<i>\$44,849.86</i>	\$44,849.86	Per ATC Quote (\$33,333.33) and Wilson Fire Proposal dated 12/7/18 (\$11,516.53)	\$36,073.86	N/A
Other -- HVAC Service Type: C Size:20 (Other)	<i>\$42,204.04</i>	\$42,204.04	Per Mercury Control proposal 1034 dated 9/28/18	\$42,204.03	N/A

Other Electrical Service: The new main transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors.	<b>\$1,666.67</b>	\$1,666.67	ATC Invoice 460208944	\$1,250.01	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$26,000.00	\$8,333.33	See attached KZJL Main Transmitter Cost Estimate and ATC Invoice 460208944	\$7,749.99	N/A
Transformer 3 phase/480v - 300 KVA	\$36,800.00	\$35,000.00	N/A	N/A	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$12,100.00	Per ATC Invoice 460208944	\$9,075.00	N/A
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$1,290,031.41	See attached GatesAir quote GA-00021324 for upgrade solid state transmitter.	\$1,247,892.25	N/A
<b>Auxiliary Transmitter UAXTE-2R37</b>	<b>\$179,300.00</b>	<b>\$171,050.00</b>		<b>\$88,150.29</b>	

UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	\$126,000.00	\$120,000.00	N/A	\$88,150.29	N/A
5 Ton system	\$20,250.00	\$19,250.00	N/A	N/A	N/A
Other Electrical Service: The new auxiliary transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors.	<b>\$7,500.00</b>	\$7,500.00	N/A	N/A	N/A
Transformer 3 phase/480v - 150 KVA	\$25,550.00	\$24,300.00	N/A	N/A	N/A
<b>Sub-total</b>	\$1,850,020.57	\$1,613,235.31	N/A	\$1,438,395.43	N/A
<b>Total for all systems</b>	\$5,136,123.57	\$2,766,490.30	N/A	\$2,089,613.98	N/A

## Components

### Actual Information

#### Description

#### File Name



Ice Shield for HVAC Equipment	<div> <b>Component Description:</b> KZJL 1st Primary Transmitter- Ice Shield for HVAC Equipment         </div> <div> <b>Amount:</b> \$4,000.00         </div> <div> <b>Component Description:</b> Ice Shield for HVAC Equipment         </div> <div> <b>Amount:</b> \$2,000.00         </div>
Other -- Building Addition Size: 1500.0	<div> <b>Component Description:</b> Building Addition 1500 SF         </div> <div> <b>Amount:</b> \$8,333.33         </div> <div> <b>Component Description:</b> KZJL 1st Primary Transmitter- Building Addition 1500 SF         </div> <div> <b>Amount:</b> \$16,666.67         </div> <div> <b>Component Description:</b> Material, labor, engineering         </div> <div> <b>Amount:</b> \$11,073.86         </div>
Other -- HVAC Service Type: C Size:20 (Other)	<div> <b>Component Description:</b> Install new 20T condenser 460-480v 3 Phase and AHU         </div> <div> <b>Amount:</b> \$42,204.03         </div>

<p>Other Electrical Service: The new main transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors.</p>	<table> <tr> <td><b>Component Description:</b></td><td>KZJL 1st Primary Transmitter- Other Electrical Service</td></tr> <tr> <td><b>Amount:</b></td><td>\$833.34</td></tr> <tr> <td><b>Component Description:</b></td><td>New Electrical Sub Panels</td></tr> <tr> <td><b>Amount:</b></td><td>\$416.67</td></tr> </table>	<b>Component Description:</b>	KZJL 1st Primary Transmitter- Other Electrical Service	<b>Amount:</b>	\$833.34	<b>Component Description:</b>	New Electrical Sub Panels	<b>Amount:</b>	\$416.67				
<b>Component Description:</b>	KZJL 1st Primary Transmitter- Other Electrical Service												
<b>Amount:</b>	\$833.34												
<b>Component Description:</b>	New Electrical Sub Panels												
<b>Amount:</b>	\$416.67												
<p>2" Rigid Conduit and Wiring (Cost per foot)</p>	<table> <tr> <td><b>Component Description:</b></td><td>Capital contribution- Missouri City/30285 /Asset#30285-BTI /OAA718460/ KZJL Channel 21 Phase 2/ Milestone 1/ Broadcast Repack</td></tr> <tr> <td><b>Amount:</b></td><td>\$2,083.33</td></tr> <tr> <td><b>Component Description:</b></td><td>Relocate conduits on office wall</td></tr> <tr> <td><b>Amount:</b></td><td>\$1,500.00</td></tr> <tr> <td><b>Component Description:</b></td><td>Capital contribution - Missouri City</td></tr> <tr> <td><b>Amount:</b></td><td>\$4,166.66</td></tr> </table>	<b>Component Description:</b>	Capital contribution- Missouri City/30285 /Asset#30285-BTI /OAA718460/ KZJL Channel 21 Phase 2/ Milestone 1/ Broadcast Repack	<b>Amount:</b>	\$2,083.33	<b>Component Description:</b>	Relocate conduits on office wall	<b>Amount:</b>	\$1,500.00	<b>Component Description:</b>	Capital contribution - Missouri City	<b>Amount:</b>	\$4,166.66
<b>Component Description:</b>	Capital contribution- Missouri City/30285 /Asset#30285-BTI /OAA718460/ KZJL Channel 21 Phase 2/ Milestone 1/ Broadcast Repack												
<b>Amount:</b>	\$2,083.33												
<b>Component Description:</b>	Relocate conduits on office wall												
<b>Amount:</b>	\$1,500.00												
<b>Component Description:</b>	Capital contribution - Missouri City												
<b>Amount:</b>	\$4,166.66												
<p>Transformer 3 phase/480v - 300 KVA</p>	<p>Information not provided.</p>												

Switchgear - industrial 800 amp		
	<b>Component Description:</b>	KZJL 1st Primary Transmitter- 800 Amp Switchgear
	<b>Amount:</b>	\$6,050.00
	<b>Component Description:</b>	Reference KZJL- 110-1st Primary Transmitter - 25 Ton HVAC System American Tower LLC 460200428
	<b>Amount:</b>	\$3,025.00

UHF - Liquid Cooled Solid  
State Transmitter 35 - 50  
kW

**Component Description:** "Transmitter Mask  
Filter System RF  
Accessories"  
**Amount:** \$217,173.92

**Component Description:** Installation and  
Proof per Quote Q-  
76297  
**Amount:** \$92,314.35

**Component Description:** 25% Down  
payment for 1st  
Primary Transmitter  
**Amount:** \$22,024.98

**Component Description:** New Primary  
Transmitter  
ULXTE-72  
Transmitter  
**Amount:** \$495,924.05

**Component Description:** 1st Primary  
Transmitter - UHF  
Liquid Cooled  
Solid State  
**Amount:** \$442,479.93

UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	<div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> Ist Auxiliary Transmitter- UHF Air Cooled Solid State   \$22,634.03 </div> </div> <div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> Installation Services   \$11,011.45 </div> </div> <div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> UAXTE-2 Transmitter   \$26,172.78 </div> </div> <div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> New Auxiliary Transmitter Down Payment   \$28,332.03 </div> </div>
5 Ton system	Information not provided.
Other Electrical Service: The new auxiliary transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors.	Information not provided.
Transformer 3 phase/480v - 150 KVA	Information not provided.

## 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 PEPL42C</b>	<b>\$419,780.00</b>	<b>\$245,809.00</b>		<b>\$159,356.46</b>	
Combiner HVAC	<i>\$24,667.00</i>	\$24,667.00	N/A	\$18,500.01	N/A
Combiner Space	<i>\$33,333.00</i>	\$33,333.00	N/A	\$2,083.33	N/A
Elbow complex, broadband, at antenna input, per 7 3/16. feedline (if needed)	\$16,850.00	\$8,580.00	N/A	\$6,435.00	N/A
UHF - High Power Top Mount Three Station broadband panel antenna elliptically or circularly polarized	<i>\$128,000.00</i>	\$128,000.00	N/A	\$96,000.00	N/A
Combiner output splitting /switching for dual feed lines, if applicable	\$126,000.00	\$0.00	N/A	N/A	N/A

New combiner, cost per channel (without antenna)	\$84,200.00	\$44,562.00	N/A	\$31,338.11	N/A
Sweep test of existing antenna	\$6,730.00	\$6,667.00	See attached Cost sheets	\$5,000.01	N/A
<b>Sub-total</b>	\$419,780.00	\$245,809.00	N/A	\$159,356.46	N/A
<b>Total for all systems</b>	\$5,136,123.57	\$2,766,490.30	N/A	\$2,089,613.98	N/A

## Components

Actual Information	
Description	File Name
Combiner HVAC	<b>Component Description:</b> KZJL Primary Antenna-Combiner HVAC
	<b>Amount:</b> \$12,333.34
	<b>Component Description:</b> Combiner HVAC
	<b>Amount:</b> \$6,166.67
Combiner Space	<b>Component Description:</b> Combiner Installation
	<b>Amount:</b> \$2,083.33

<p>Elbow complex, broadband, at antenna input, per 7 3/16. feedline (if needed)</p>	<table> <tr> <td data-bbox="726 168 1029 212"><b>Component Description:</b></td><td data-bbox="1165 168 1372 280">KZJL Primary Antenna- Elbow Complex 7 3/16in</td></tr> <tr> <td data-bbox="726 291 837 336"><b>Amount:</b></td><td data-bbox="1165 291 1284 336">\$4,290.00</td></tr> <tr> <td data-bbox="726 425 1029 470"><b>Component Description:</b></td><td data-bbox="1165 425 1372 515">Elbow Complex 7 3/16"</td></tr> <tr> <td data-bbox="726 526 837 571"><b>Amount:</b></td><td data-bbox="1165 526 1284 571">\$2,145.00</td></tr> </table>	<b>Component Description:</b>	KZJL Primary Antenna- Elbow Complex 7 3/16in	<b>Amount:</b>	\$4,290.00	<b>Component Description:</b>	Elbow Complex 7 3/16"	<b>Amount:</b>	\$2,145.00
<b>Component Description:</b>	KZJL Primary Antenna- Elbow Complex 7 3/16in								
<b>Amount:</b>	\$4,290.00								
<b>Component Description:</b>	Elbow Complex 7 3/16"								
<b>Amount:</b>	\$2,145.00								
<p>UHF - High Power Top Mount Three Station broadband panel antenna elliptically or circularly polarized</p>	<table> <tr> <td data-bbox="726 683 1029 728"><b>Component Description:</b></td><td data-bbox="1165 683 1372 884">KZJL Primary Antenna- UHF High Power Top Mount Broadband Antenna</td></tr> <tr> <td data-bbox="726 884 837 929"><b>Amount:</b></td><td data-bbox="1165 884 1300 929">\$64,000.00</td></tr> <tr> <td data-bbox="726 1019 1029 1064"><b>Component Description:</b></td><td data-bbox="1165 1019 1372 1131">UHF High Power Top Mount broadband</td></tr> <tr> <td data-bbox="726 1142 837 1187"><b>Amount:</b></td><td data-bbox="1165 1142 1300 1187">\$32,000.00</td></tr> </table>	<b>Component Description:</b>	KZJL Primary Antenna- UHF High Power Top Mount Broadband Antenna	<b>Amount:</b>	\$64,000.00	<b>Component Description:</b>	UHF High Power Top Mount broadband	<b>Amount:</b>	\$32,000.00
<b>Component Description:</b>	KZJL Primary Antenna- UHF High Power Top Mount Broadband Antenna								
<b>Amount:</b>	\$64,000.00								
<b>Component Description:</b>	UHF High Power Top Mount broadband								
<b>Amount:</b>	\$32,000.00								
<p>Combiner output splitting /switching for dual feed lines, if applicable</p>	<p>Information not provided.</p>								
<p>New combiner, cost per channel (without antenna)</p>	<table> <tr> <td data-bbox="726 1467 1029 1512"><b>Component Description:</b></td><td data-bbox="1165 1467 1332 1579">KZJL Primary Antenna- Combiner</td></tr> <tr> <td data-bbox="726 1590 837 1635"><b>Amount:</b></td><td data-bbox="1165 1590 1300 1635">\$22,280.96</td></tr> <tr> <td data-bbox="726 1724 1029 1769"><b>Component Description:</b></td><td data-bbox="1165 1724 1332 1803">Combiner and Installation</td></tr> <tr> <td data-bbox="726 1814 837 1859"><b>Amount:</b></td><td data-bbox="1165 1814 1284 1859">\$9,057.15</td></tr> </table>	<b>Component Description:</b>	KZJL Primary Antenna- Combiner	<b>Amount:</b>	\$22,280.96	<b>Component Description:</b>	Combiner and Installation	<b>Amount:</b>	\$9,057.15
<b>Component Description:</b>	KZJL Primary Antenna- Combiner								
<b>Amount:</b>	\$22,280.96								
<b>Component Description:</b>	Combiner and Installation								
<b>Amount:</b>	\$9,057.15								



Sweep test of existing antenna		
	<b>Component Description:</b>	Sweep Test
	<b>Amount:</b>	\$1,666.67
	<b>Component Description:</b>	KZJL Primary
		Antenna- Sweep
		Test
	<b>Amount:</b>	\$3,333.34

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	\$1,403,600.00	\$308,030.00		\$231,022.50	
Nitrogen Generator	\$5,000.00	\$5,000.00	Per ATC Invoice 460208944	\$3,750.00	N/A
Rigid Transmission Line - copper, 7 3 /16" broadband	\$1,398,600.00	\$303,030.00	N/A	\$227,272.50	N/A
Sub-total	\$1,403,600.00	\$308,030.00	N/A	\$231,022.50	N/A
Total for all systems	\$5,136,123.57	\$2,766,490.30	N/A	\$2,089,613.98	N/A

Components

Actual Information Description	File Name
Nitrogen Generator	<div><div>Component Description:</div><div>Amount:</div><div>Component Description:</div><div>Amount:</div></div> <div><div>KZJL Rigid Transmission Line- copper, 7 3 /16in Nitrogen Generator</div><div>\$2,500.00</div><div>Nitrogen Generator</div><div>\$1,250.00</div></div>

Rigid Transmission Line - copper, 7 3/16" broadband		
	<b>Component Description:</b>	KZJL Rigid Transmission Line- copper, 7 3 /16in broadband
	<b>Amount:</b>	\$151,515.00
	<b>Component Description:</b>	Rigid Transmission Line - copper, 7 3/16" broadband
	<b>Amount:</b>	\$75,757.50

## 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</b>	<b>\$892,945.00</b>	<b>\$252,572.57</b>		<b>\$117,053.18</b>	
<b>GTOWER</b>					
Major tower reinforcement /modifications	\$421,000.00	\$100,000.00	See attached KZJL Main Transmitter Cost Estimate	N/A	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$121,727.57	Per ATC Invoice 460208944	\$91,295.68	N/A
Ground Permit Drawings	<i>\$4,700.00</i>	\$4,700.00	N/A	\$3,525.00	N/A
Structural Analysis	<i>\$4,750.00</i>	\$4,750.00	See attached KZJL Main Transmitter Cost Estimate	\$3,562.50	N/A

Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$6,200.00	See attached KZJL Main Transmitter Cost Estimate	\$4,650.00	N/A
Tower Permit Drawings	<b>\$4,700.00</b>	\$4,700.00	N/A	\$3,525.00	N/A
Construction Management	<b>\$10,495.00</b>	\$10,495.00	American Tower 460208944	\$10,495.00	invoices
<b>Auxiliary Tower GTOWER</b>	<b>\$210,500.00</b>	<b>\$0.00</b>		<b>\$0.00</b>	
Tall Tower (greater than 500')	\$210,500.00	\$0.00	N/A	N/A	N/A
<b>Sub-total</b>	\$1,103,445.00	\$252,572.57	N/A	\$117,053.18	N/A
<b>Total for all systems</b>	\$5,136,123.57	\$2,766,490.30	N/A	\$2,089,613.98	N/A

## Components

Actual Information	
Description	File Name
Major tower reinforcement /modifications	Information not provided.

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	<b>Component Description:</b>	KZJL Primary Tower- Complex Tower, Tower Equipment and Rigging
	<b>Amount:</b>	\$60,863.79
	<b>Component Description:</b>	Complex Tower, Tower Equipment and Rigging Costs
	<b>Amount:</b>	\$30,431.89
Ground Permit Drawings	<b>Component Description:</b>	Ground Permit Drawings
	<b>Amount:</b>	\$1,175.00
	<b>Component Description:</b>	KZJL Primary Tower- Ground Permit Drawings
	<b>Amount:</b>	\$2,350.00
Structural Analysis	<b>Component Description:</b>	KZJL Primary Tower- Structural Analysis
	<b>Amount:</b>	\$2,375.00
	<b>Component Description:</b>	Structural Analysis
	<b>Amount:</b>	\$1,187.50

<p>Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study</p>	<table> <tr> <td data-bbox="710 168 1109 212"><b>Component Description:</b></td><td data-bbox="1149 168 1412 280">Tower Mapping for an Undocumented /Poorly Documented Tower</td></tr> <tr> <td data-bbox="710 324 1109 369"><b>Amount:</b></td><td data-bbox="1149 324 1412 369">\$1,550.00</td></tr> <tr> <td data-bbox="710 470 1109 515"><b>Component Description:</b></td><td data-bbox="1149 470 1412 739">KZJL Primary Tower- Tower Mapping for an Undocumented /Poorly Documented Tower</td></tr> <tr> <td data-bbox="710 750 1109 795"><b>Amount:</b></td><td data-bbox="1149 750 1412 795">\$3,100.00</td></tr> </table>	<b>Component Description:</b>	Tower Mapping for an Undocumented /Poorly Documented Tower	<b>Amount:</b>	\$1,550.00	<b>Component Description:</b>	KZJL Primary Tower- Tower Mapping for an Undocumented /Poorly Documented Tower	<b>Amount:</b>	\$3,100.00
<b>Component Description:</b>	Tower Mapping for an Undocumented /Poorly Documented Tower								
<b>Amount:</b>	\$1,550.00								
<b>Component Description:</b>	KZJL Primary Tower- Tower Mapping for an Undocumented /Poorly Documented Tower								
<b>Amount:</b>	\$3,100.00								
<p>Tower Permit Drawings</p>	<table> <tr> <td data-bbox="710 918 1109 963"><b>Component Description:</b></td><td data-bbox="1149 918 1412 996">Tower Permit Drawings</td></tr> <tr> <td data-bbox="710 996 1109 1041"><b>Amount:</b></td><td data-bbox="1149 996 1412 1041">\$1,175.00</td></tr> <tr> <td data-bbox="710 1142 1109 1187"><b>Component Description:</b></td><td data-bbox="1149 1142 1412 1254">KZJL Primary Tower- Tower Permit Drawings</td></tr> <tr> <td data-bbox="710 1254 1109 1299"><b>Amount:</b></td><td data-bbox="1149 1254 1412 1299">\$2,350.00</td></tr> </table>	<b>Component Description:</b>	Tower Permit Drawings	<b>Amount:</b>	\$1,175.00	<b>Component Description:</b>	KZJL Primary Tower- Tower Permit Drawings	<b>Amount:</b>	\$2,350.00
<b>Component Description:</b>	Tower Permit Drawings								
<b>Amount:</b>	\$1,175.00								
<b>Component Description:</b>	KZJL Primary Tower- Tower Permit Drawings								
<b>Amount:</b>	\$2,350.00								
<p>Construction Management</p>	<table> <tr> <td data-bbox="710 1433 1109 1478"><b>Component Description:</b></td><td data-bbox="1149 1433 1412 1579">KZJL Primary Tower- Construction Management</td></tr> <tr> <td data-bbox="710 1579 1109 1624"><b>Amount:</b></td><td data-bbox="1149 1579 1412 1624">\$5,000.00</td></tr> <tr> <td data-bbox="710 1724 1109 1769"><b>Component Description:</b></td><td data-bbox="1149 1724 1412 1803">Construction Management</td></tr> <tr> <td data-bbox="710 1803 1109 1848"><b>Amount:</b></td><td data-bbox="1149 1803 1412 1848">\$5,495.00</td></tr> </table>	<b>Component Description:</b>	KZJL Primary Tower- Construction Management	<b>Amount:</b>	\$5,000.00	<b>Component Description:</b>	Construction Management	<b>Amount:</b>	\$5,495.00
<b>Component Description:</b>	KZJL Primary Tower- Construction Management								
<b>Amount:</b>	\$5,000.00								
<b>Component Description:</b>	Construction Management								
<b>Amount:</b>	\$5,495.00								
<p>Tall Tower (greater than 500')</p>	<p>Information not provided.</p>								

## 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>\$242,659.00</b>	<b>\$230,579.42</b>		<b>\$115,824.68</b>	
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$14,514.75	see Estimated Cost Justification KZJL-550-Attorney - Negotiation of Lease and Other Matters v0	\$14,514.75	invoices
Migratory Bird Assessment	<i>\$438.00</i>	\$438.00	N/A	\$328.13	N/A
RF System Test	<i>\$12,830.00</i>	\$12,830.00	see Estimated Cost Justification KZJL-580-Field Engineering Services - Interim Site RF System Test v0	\$11,580.00	N/A
Site Coordination Meeting	<i>\$1,250.00</i>	\$1,250.00	N/A	\$937.50	N/A
Additional Field Engineering Service, 10 Days	<i>\$20,000.00</i>	\$20,000.00	N/A	N/A	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	\$2,812.50	N/A



ASR modification (prepare FCC Form 854)	\$2,105.00	\$166.67	Tower owner is passing this cost to the station	\$125.00	N/A
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	\$10,520.00	\$10,000.00	N/A	N/A	N/A
NEPA Section 106 environmental review, if needed	\$6,310.00	\$1,350.00	Tower owner is passing this cost to the Station	\$1,012.50	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$7,360.00	\$7,000.00	N/A	\$0.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	\$702.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$4,100.00	\$3,000.00	N/A	\$350.00	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	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$3,750.00	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	\$1,567.25	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$319.50	N/A
Project management of the transition	\$127,506.00	\$116,280.00	\$106,800 Overall project Management + \$9,480 Additional per Towers owner See attached KZJL Cost Estimate	\$77,825.55	N/A

<b>Sub-total</b>	\$242,659.00	\$230,579.42	N/A	\$115,824.68	N/A
<b>Total for all systems</b>	\$5,136,123.57	\$2,766,490.30	N/A	\$2,089,613.98	N/A

## Components

Actual Information Description	File Name
Attorney Fees - Negotiation of lease and other matters for shared locations	<b>Component Description:</b> Total Professional Services <b>Amount:</b> \$4,625.10
	<b>Component Description:</b> Legal Services <b>Amount:</b> \$1,398.60
	<b>Component Description:</b> Email corr w/ M. Todd and C. Buchanan re: KZJL repack requirements. <b>Amount:</b> \$350.10
	<b>Component Description:</b> Total Professional Services <b>Amount:</b> \$5,824.35
	<b>Component Description:</b> Legal services <b>Amount:</b> \$2,316.60

Migratory Bird Assessment	<b>Component Description:</b>	KZJL Field Engineering Services- Migratory Bird Assessment
	<b>Amount:</b>	\$218.75
	<b>Component Description:</b>	Migratory Bird Assessment
	<b>Amount:</b>	\$109.38
RF System Test	<b>Component Description:</b>	KZJL Field Engineering Services- RF System Test
	<b>Amount:</b>	\$2,500.00
	<b>Component Description:</b>	RF System Test
	<b>Amount:</b>	\$1,250.00
	<b>Component Description:</b>	Plus-X VSWR RF Fault Protection
	<b>Amount:</b>	\$7,830.00
	<b>Component Description:</b>	N/A
	<b>Amount:</b>	N/A
Site Coordination Meeting	<b>Component Description:</b>	KZJL Site Coordination Meeting
	<b>Amount:</b>	\$625.00
	<b>Component Description:</b>	Site Coordination Meeting
	<b>Amount:</b>	\$312.50

Additional Field Engineering Service, 10 Days	Information not provided.	
RF Exposure Measurements	<b>Component Description:</b>  <b>Amount:</b>	KZJL Field Engineering Services- RF Exposure Measurements \$1,875.00   RF Exposure Measurements \$937.50
ASR modification (prepare FCC Form 854)	<b>Component Description:</b> <b>Amount:</b>	ASR Modification \$41.67   KZJL Attorney- ASR Modification \$83.33
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	Information not provided.	
NEPA Section 106 environmental review, if needed	<b>Component Description:</b>  <b>Amount:</b>	KZJL Attorney- NEPA Section 106 Environmental Review \$675.00   NEPA Section 106 environmental review \$337.50

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	<b>Component Description:</b>	KZJL-550-Attorney - Prepare and File License to Cover (Main)
	<b>Amount:</b>	\$702.00
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.	
Prepare request for Special Temporary Authorization	<b>Component Description:</b>	Consulting Engineer - J. Davis - Hourly (@ \$250 /hr)
	<b>Amount:</b>	\$350.00
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.	
Perform engineering study for new channel assignment and antenna development	<b>Component Description:</b>	KZJL RF Eng- Engineering Study for New Channel Assignment
	<b>Amount:</b>	\$2,500.00
	<b>Component Description:</b>	Engineering Study for New Channel Assignment
	<b>Amount:</b>	\$1,250.00

Address transition timing and coordination issues w/ other stations and wireless	<b>Component Description:</b>	KZJL, Houston, TX
	<b>Amount:</b>	Channel Repack \$317.25
	<b>Component Description:</b>	KZJL Transition
	<b>Amount:</b>	Timing and Coordination \$1,250.00
Prepare and or review reimbursement form	<b>Component Description:</b>	Legal services
	<b>Amount:</b>	\$319.50
Project management of the transition	<b>Component Description:</b>	KZJL Project
	<b>Amount:</b>	Management \$4,740.00
	<b>Component Description:</b>	Project
	<b>Amount:</b>	Management \$3,167.75
	<b>Component Description:</b>	Project
	<b>Amount:</b>	Management \$2,615.30
	<b>Component Description:</b>	Project
	<b>Amount:</b>	Management \$206.65
	<b>Component Description:</b>	Project
	<b>Amount:</b>	Management \$3,522.10

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,119.85

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,137.35

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,521.75

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$737.35

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,461.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,306.95

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,931.60

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,282.10

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,272.80



<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$6,006.15

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$659.20

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,246.75

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$57.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,197.35

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$6,640.55

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$262.50

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,058.15

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,251.30

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,955.70

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,297.05

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,144.50

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,026.80

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## 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>\$116,619.00</b>	<b>\$116,264.00</b>		<b>\$27,961.73</b>	
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$535.00	see Estimated Cost Justification KZJL-610-FCC Filing Fee - License to Cover v0	\$535.00	N/A
Main Site Upgrades	<i>\$11,375.00</i>	\$11,375.00	See attached KZJL Main Transmitter Cost Estimate.	\$200.00	N/A
Site Security	<i>\$7,875.00</i>	\$7,875.00	Per ATC Invoice 460208944	\$5,906.25	N/A
MVPD Notification of Channel Change	<i>\$2,289.00</i>	\$2,289.00	Please see 12.6.19 ECJ v0	\$2,289.00	N/A
Develop and air announcement of upcoming channel change	<i>\$15,000.00</i>	\$15,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	<i>\$25,000.00</i>	\$25,000.00	N/A	\$5,124.99	N/A

Disposal Costs (for equipment and other waste, net of any salvage value)	<b>\$25,000.00</b>	\$25,000.00	Station Estimate	\$3,430.00	N/A
Non-zoning permits	<b>\$8,000.00</b>	\$8,000.00	N/A	\$999.99	N/A
Local Zoning	<b>\$10,000.00</b>	\$10,000.00	N/A	\$562.50	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$8,914.00	N/A
<b>Sub-total</b>	\$116,619.00	\$116,264.00	N/A	\$27,961.73	N/A
<b>Total for all systems</b>	\$5,136,123.57	\$2,766,490.30	N/A	\$2,089,613.98	N/A

## Components

Actual Information	
Description	File Name
FCC Filing Fees - Form 2100 license to cover application	<div> <b>Component Description:</b> KZJL-610-FCC Filing Fee - License to Cover </div> <div> <b>Amount:</b> \$200.00 </div> <div> <b>Component Description:</b> Total Professional Services </div> <div> <b>Amount:</b> \$335.00 </div>

Main Site Upgrades	<p><b>Component Description:</b> Consulting Engineer - J. Davis - Hourly (@ \$250/hr)</p> <p><b>Amount:</b> \$200.00</p>
Site Security	<p><b>Component Description:</b> Site Security</p> <p><b>Amount:</b> \$1,968.75</p> <p><b>Component Description:</b> KZJL Site Security</p> <p><b>Amount:</b> \$3,937.50</p>
MVPD Notification of Channel Change	<p><b>Component Description:</b> MVPD Notification Services</p> <p><b>Amount:</b> \$2,289.00</p>
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Delivery and Handling Charges	<p><b>Component Description:</b> Equipment Delivery</p> <p><b>Amount:</b> \$1,708.33</p> <p><b>Component Description:</b> KZJL Equipment Delivery</p> <p><b>Amount:</b> \$3,416.66</p>
Disposal Costs (for equipment and other waste, net of any salvage value)	<p><b>Component Description:</b> Demolition of Electrical Gear</p> <p><b>Amount:</b> \$3,430.00</p>

Non-zoning permits	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> KZJL Non-Zoning Permits \$666.66 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Non-Zoning Permits \$333.33 </div> </div>
Local Zoning	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Local Zoning \$187.50 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> KZJL Local Zoning \$375.00 </div> </div>
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
DTV Medical Facility Notification	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> DTV Notification Service \$8,914.00 </div> </div>

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$5,136,123.57	\$2,766,490.30	\$2,089,613.98

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.

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.

**Michael  
Everett  
Todd**  
*Chief  
Engineer*

06/03/2020

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	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).	
		<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>Michael Everett Todd</b> <i>Chief Engineer</i></p> <p>06/03/2020</p>

## Attachments