



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **81507** | Service: **DTV** | Call **KPXJ** | Channel: **32 (UHF)**  
ID:  
File **0000028338**  
Number:  
FRN: **0020203246** | Date **08/30**  
Submitted: **/2021**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant T
<b>KTBS, LLC</b> Doing Business As: KTBS, LLC	PO Box 44227 SHREVEPORT, LA 71134 United States	+1 (318) 861- 5800	dcassidy@ktbs. com	Limited Liab 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>	Sam Hariton 4031 University Drive Suite 100 Fairfax, VA 22030 United States	+1 (339) 222-8107	sam.hariton@widely.c

## Broadcaster Information and Transition Plan

Question	Response
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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	KPXJ is planning a direct like-for-like swap of equipment. KPXJ's new equipment will include upgraded equipment to add VPOL capability. Narrative for details.

## Transmitters

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

## Auxiliary Transmitter

### Add Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Retune Existing
	Use	Auxiliary (Broadcast)
	Ownership	Owned
	Owner	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	GatesAir
	Model	ULXTD-60
	Year	2016
	Type	Solid State
	Solid State Cooling	Liquid Cool
	Solid State Power capacity	34.6 kW

**Auxiliary  
Transmitter****Retuning Transmitter Costs**

Section	Question	Response
New IOT Tubes	Number of Tubes (including accessories) needed	N/A
New Mask Filter	Power	Other
	Other Power	0 kW
New Exciter	Is a new exciter needed?	No

**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
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A

Is a channel 14 Mask Filer needed?	N/A
Is additional field engineering time needed?	N/A
Number of Days	N/A

**Auxiliary  
Transmitter**

**Other Transmitter Cost Not Listed**

Name	Description
Aux Transmitter - System Sweep Post Retune	Aux Transmitter - System Sweep Post Retu
Aux Transmitter - RF System Modifications	Aux Transmitter - RF System Modifications
Aux Transmitter - Proof of Performance	Aux Transmitter - Proof of Performance
Aux Transmitter - Additional Installation	Aux Transmitter - Additional Installation

**Primary  
Transmitter**

**Existing Transmitter Information**

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase N
	Use	Primary (M
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	DCXP-2 Pa
	Year	2005
	Type	Inductive O Tube
	IOT Power Type	Two
	Power Capacity	50 kW

Primary  
Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (M:
	Change Type	Purchase N
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	ULXTED-1:
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cool
	Solid State Power capacity	76.0 kW
	Justification for New Transmitter	The existing transmitter capable of I returned, ho doing so we require disconnecti transmitter have it retu site. The re process wa quoted to t to 20 weeks during this t the transmi would be unavailable

Primary  
Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	Yes
	Power	300 kVA

	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	The new m: transmitter require reconfigura the electric: service on s The electric work cost h been estim: based on v guidance fr local electri contractors
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling On
	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 leashold 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
Relocating Ground equipment	Relocating existing equipment for other stat make room for new transmitter

<b>Primary Transmitter - RF Accessories</b>	Primary Transmitter - RF Accessories
<b>Combiner 5 ton HVAC</b>	The Combiner will need its own dedicated C only HVAC
<b>Primary Transmitter - Interior RF and Switching</b>	Primary Transmitter - Interior RF and Switch
<b>Building Reconfiguration</b>	The existing building will need to be reconfig (walls removed/added) to allow for the new transmitter combiner configuration
<b>Primary Transmitter - Installation</b>	Primary Transmitter - Installation
<b>Primary Transmitter - Generator</b>	Primary Transmitter - Generator
<b>Primary Transmitter - Decommission</b>	Primary Transmitter - Decommission



**Antennas**

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

Primary  
Antenna

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	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
Existing Antenna Manufacturer and Type	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-30DS(S20000
Year	2006

Primary  
Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (M:)
	Description of Use	N/A
	Change Type	Purchase N
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stacl
	Polarization	Elliptical
	Type	Slotted Coæ
	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	TFU-30DS( R S200
	Year	2017

Justification for New Antenna	A New antenna necessary because the existing antenna cannot support the new channels. Additionally KPXJ need to replace the used bottom stack antenna at the top of the tower due to structural limitations.
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## 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?	Yes
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
<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.

**Interim  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	Use	Interim
	Description of Use	N/A
	Change Type	Purchase N
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	Yes
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	Yes
<b>New Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Broadband
	Number of Stations Supported	2
	Number of Panels/Bays	24
	Lower Limit	512.00 MHz
	Upper Limit	584.00 MHz
	Design power capacity in use	50.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	800.0 kW
	Manufacturer	
	Model	TFU-24WB
	Year	2017

Justification for New Antenna	This broadcast antenna will serve KTBS's channels 28, as well as KPXJ's pre-transition channels 21 and post-transition channels 32. This will drastically reduce the risk of delay or risk of KTBS not being able to transition channels on schedule.
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## Interim 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	RF channels
	Frequency	N/A
	Do you need a combiner output splitter/switcher for dual feed lines?	No
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	B
	Feed Line Size	6 1/8 inches
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for an antenna?	Yes
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes



Enter a list of RF channel numbers.

RF Channel Number
21
28
32

Interim  
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 N
	Use	Primary (M
	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	4 1/16 inch
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1731 feet p

Primary Transmission Line	New Transmission Line		
	Section	Question	Response
	New Transmission Line Costs	Use	Primary (M:
		Description of Use	N/A
		Change Type	Purchase N
		Is this a request for upgraded equipment?	Yes
		Type	Rigid
		Diameter	8 3/16 inch
		Other Diameter	N/A
		Segment Length	19 1/2 inch
		Other Segment Length	N/A
		Number of parallel runs	1
		Length	1760 feet p
		Justification for New Transmission Line	The existing is not capital supporting new channel. Additionally new main antenna will be installed in a different location than the existing main antenna.

Primary  
Transmission  
Line

Other Transmission Line Expenses Not Listed

Information not provided.

Interim  
Transmission  
Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Interim
	Description of Use	N/A
	Change Type	Purchase N
	Type	Rigid
	Diameter	6 1/8 inches
	Segment Length	Broadband
	Other Segment Length	
	Number of parallel runs	1
	Length	1560 feet p
	Justification for New Transmission Line	The interim needed to connect the combiner s on the grou with the nev interim ante The Line ne support two stations of p as well as t broadband allow all ch combination operate on same line.

Interim  
Transmission  
Line

Other Transmission Line Expenses Not Listed

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 Exis
	Tower Use	Primary (M:
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	Terrain Constraine
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1020877
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	32° 41' 08.5
	Longitude (NAD83)	093° 56' 00
	Overall Structure Height	1825.77 fee
	Support Structure Height	1822.48 fee
	Ground Elevation Above Mean Sea Level (AMSL)	249.01 feet
	Structure Type	GTOWER - Guyed Stru Used for Communica Purposes

	Tower Owner	KTBS, LLC
	Date Constructed	06/25/2013

**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
1304	KRMD-FM	FM
35652	KTBS-TV	DTV

**Primary  
Tower**

**Tower Modification Costs**

Section	Question	Response
<b>Engineering Study</b>	Please what type of engineering study is required, if any:	Study need documente
<b>Tower Reinforcements</b>	Please select whether tower reinforcements are needed:	Serious Reinforcem needed

**Primary  
Tower**

**Tower Rigging Costs**

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

**Primary  
Tower**

**Other Tower Expenses Not Listed**

Name	Description
<b>Field Verifications</b>	Field Verification for Actual mechanicals for existing antennas prior to antenna ordering.

**Outside  
Professional  
Services  
Costs**

Section	Question	Response
<b>Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	2562
	Explanation	See attached Narrative
<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	Yes
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	2
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
<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	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	Yes
	RF exposure measurements	Yes
	Additional Field Engineering Service	Yes
	Number of Days	20
	Justification	Field invest of tower site building sta be needed order to de: and scope

**Outside Professional Services Costs**

**Other Professional Services Expenses Not Listed**

Name	Description
Attorney - Other Matters	Legal Services

## Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	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
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

## Other Expenses

### Other Expenses Not Listed

Name	Description
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<b>Road Repairs</b>	Repairs required to fix damage done by equipment during repack
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## 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 Justification
<b>Primary Transmitter ULXTED-120</b>	<b>\$3,341,783.90</b>	<b>\$3,338,983.90</b>		<b>\$1,724,387.46</b>	
Primary Transmitter - Decommission	<i>\$32,381.20</i>	\$32,381.20	Please see Line 1 on Technical Services Group, Inc. estimate 2015865-9A	\$32,381.20	N/A
Primary Transmitter - Generator	<i>\$206,169.93</i>	\$206,169.93	Please see TSG Estimate 2015865F	\$0.00	N/A
Primary Transmitter - Installation	<i>\$98,812.50</i>	\$98,812.50	Please see TSG Estimate #20158651 and Invoice #20158651. pdf	\$98,812.50	N/A
Building Reconfiguration	<i>\$20,000.00</i>	\$20,000.00	N/A	\$0.00	N/A
Primary Transmitter - RF Accessories	<i>\$101,238.92</i>	\$101,238.92	Please see Technical Services Group, Inc. estimate 2015865-RF	\$0.00	N/A
5 Ton system	\$20,250.00	\$19,250.00	N/A	\$0.00	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>\$75,000.00</b>	\$75,000.00	N/A	\$40,250.00	↑
Transformer 3 phase/480v - 300 KVA	\$36,800.00	\$35,000.00	N/A	\$0.00	↑
UHF - Liquid Cooled Solid State Transmitter 76.0 kW	<b>\$2,614,559.10</b>	\$2,614,559.10	see Estimated Cost Justification KPXJ-110- Primary Transmitter - UHF liquid-cooled 76 kW v0	\$1,552,943.76	↑
Primary Transmitter - Interior RF and Switching	<b>\$101,238.92</b>	\$101,238.92	Please see TSG Estimate #2015865- RF and Invoice #2015865-RF	\$0.00	↑
Combiner 5 ton HVAC	<b>\$15,333.33</b>	\$15,333.33	See attached TSG Quote "Sec 1 Main TX" line 63	\$0.00	↑
Relocating Ground equipment	<b>\$20,000.00</b>	\$20,000.00	N/A	\$0.00	↑
<b>Auxiliary Transmitter ULXTD-60</b>	<b>\$402,444.87</b>	<b>\$417,199.87</b>		<b>\$417,199.87</b>	

Aux Transmitter - Additional Installation	<b>\$93,163.68</b>	\$93,163.68	Please see TSG Estimate 2015865G	\$93,163.68	1
Aux Transmitter - RF System Modifications	<b>\$173,681.19</b>	\$173,681.19	Please see TSG Estimate 2015865G and Cost Reconciliation	\$173,681.19	1
Aux Transmitter - Proof of Performance	<b>\$24,000.00</b>	\$24,000.00	Please see TSG Estimate 2015865G	\$24,000.00	1
Aux Transmitter - System Sweep Post Retune	<b>\$6,400.00</b>	\$6,400.00	Please see TSG Estimate 2015865G	\$6,400.00	1
Other 0 kW mask filter	<b>\$0.00</b>	\$0.00	No new mask filter required - this category is only present because LMS requires that it be here.	N/A	1
UHF and VHF - minor banding issues	\$105,200.00	\$119,955.00	Please see TSG Estimate 2015865G and Cost Reconciliation	\$119,955.00	1
<b>Sub-total</b>	<b>\$3,744,228.77</b>	<b>\$3,756,183.77</b>	N/A	<b>\$2,141,587.33</b>	1
<b>Total for all systems</b>	<b>\$8,353,688.12</b>	<b>\$8,534,518.87</b>	N/A	<b>\$5,779,861.80</b>	1

## Components

Actual Information Description	File Name
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Primary Transmitter - Decommission	<b>Component Description:</b> TSG Primary Transmitter <b>Amount:</b> \$32,381.20
Primary Transmitter - Generator	<b>Component Description:</b> KPXJ Generator <b>Amount:</b> \$206,169.93
Primary Transmitter - Installation	<b>Component Description:</b> Installation Services <b>Amount:</b> \$98,812.50
Building Reconfiguration	Information not provided.
Primary Transmitter - RF Accessories	Information not provided.
5 Ton system	Information not provided.

<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 data-bbox="826 174 1134 208"><b>Component Description:</b></td><td data-bbox="1267 174 1503 286">Install wiring for new KPXJ Transmitter Equipment</td></tr> <tr> <td data-bbox="826 297 935 331"><b>Amount:</b></td><td data-bbox="1267 297 1401 331">\$11,459.27</td></tr> <tr> <td data-bbox="826 432 1134 465"><b>Component Description:</b></td><td data-bbox="1267 432 1503 633">Remove power and wiring from existing transmitter and reconnect power to equipment</td></tr> <tr> <td data-bbox="826 633 935 667"><b>Amount:</b></td><td data-bbox="1267 633 1401 667">\$6,162.47</td></tr> <tr> <td data-bbox="826 768 1134 801"><b>Component Description:</b></td><td data-bbox="1267 768 1503 846">Material- KPXJ Transmitter Equipm</td></tr> <tr> <td data-bbox="826 846 935 880"><b>Amount:</b></td><td data-bbox="1267 846 1401 880">\$13,074.00</td></tr> <tr> <td data-bbox="826 981 1134 1014"><b>Component Description:</b></td><td data-bbox="1267 981 1503 1059">Material-New KPXJ Service</td></tr> <tr> <td data-bbox="826 1059 935 1093"><b>Amount:</b></td><td data-bbox="1267 1059 1401 1093">\$4,044.00</td></tr> <tr> <td data-bbox="826 1193 1134 1227"><b>Component Description:</b></td><td data-bbox="1267 1193 1503 1305">Install wiring for new electrical service for KPXJ transmitter</td></tr> <tr> <td data-bbox="826 1305 935 1339"><b>Amount:</b></td><td data-bbox="1267 1305 1401 1339">\$5,510.26</td></tr> </table>	<b>Component Description:</b>	Install wiring for new KPXJ Transmitter Equipment	<b>Amount:</b>	\$11,459.27	<b>Component Description:</b>	Remove power and wiring from existing transmitter and reconnect power to equipment	<b>Amount:</b>	\$6,162.47	<b>Component Description:</b>	Material- KPXJ Transmitter Equipm	<b>Amount:</b>	\$13,074.00	<b>Component Description:</b>	Material-New KPXJ Service	<b>Amount:</b>	\$4,044.00	<b>Component Description:</b>	Install wiring for new electrical service for KPXJ transmitter	<b>Amount:</b>	\$5,510.26
<b>Component Description:</b>	Install wiring for new KPXJ Transmitter Equipment																				
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<b>Amount:</b>	\$4,044.00																				
<b>Component Description:</b>	Install wiring for new electrical service for KPXJ transmitter																				
<b>Amount:</b>	\$5,510.26																				
<p>Transformer 3 phase/480v - 300 KVA</p>	<p>Information not provided.</p>																				



<p>UHF - Liquid Cooled Solid State Transmitter 76.0 kW</p>	<table> <tr> <td data-bbox="818 100 1252 526"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1252 100 1505 526"> <p>"GatesAir Maxiva Series ULXTED-120 High Efficiency Broadband Liquid-Cooled, Solid-State, Television Transmitter</p> <p>\$720,046.49</p> </td></tr> <tr> <td data-bbox="818 526 1252 795"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1252 526 1505 795"> <p>50% prepayment deposit on new transmitter</p> <p>\$828,967.15</p> </td></tr> <tr> <td data-bbox="818 795 1252 1014"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1252 795 1505 1014"> <p>KPXJ-110-Primary Transmitter - UHF liquid cooled 68.5-75 kW</p> <p>\$3,930.12</p> </td></tr> </table>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>"GatesAir Maxiva Series ULXTED-120 High Efficiency Broadband Liquid-Cooled, Solid-State, Television Transmitter</p> <p>\$720,046.49</p>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>50% prepayment deposit on new transmitter</p> <p>\$828,967.15</p>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>KPXJ-110-Primary Transmitter - UHF liquid cooled 68.5-75 kW</p> <p>\$3,930.12</p>
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>"GatesAir Maxiva Series ULXTED-120 High Efficiency Broadband Liquid-Cooled, Solid-State, Television Transmitter</p> <p>\$720,046.49</p>						
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>50% prepayment deposit on new transmitter</p> <p>\$828,967.15</p>						
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>KPXJ-110-Primary Transmitter - UHF liquid cooled 68.5-75 kW</p> <p>\$3,930.12</p>						
<p>Primary Transmitter - Interior RF and Switching</p>	<table> <tr> <td data-bbox="818 1025 1252 1305"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1252 1025 1505 1305"> <p>Main Transmitter Interior RF and Switching</p> <p>\$101,238.92</p> </td></tr> </table>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Main Transmitter Interior RF and Switching</p> <p>\$101,238.92</p>				
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Main Transmitter Interior RF and Switching</p> <p>\$101,238.92</p>						
<p>Combiner 5 ton HVAC</p>	<p>Information not provided.</p>						
<p>Relocating Ground equipment</p>	<p>Information not provided.</p>						
<p>Aux Transmitter - Additional Installation</p>	<table> <tr> <td data-bbox="818 1462 1252 1709"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1252 1462 1505 1709"> <p>KPXJ- Aux Transmitter Additional Installation</p> <p>\$93,163.68</p> </td></tr> </table>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>KPXJ- Aux Transmitter Additional Installation</p> <p>\$93,163.68</p>				
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>KPXJ- Aux Transmitter Additional Installation</p> <p>\$93,163.68</p>						
<p>Aux Transmitter - RF System Modifications</p>	<table> <tr> <td data-bbox="818 1720 1252 2002"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1252 1720 1505 2002"> <p>KPXJ-150-Auxiliary Transmitter - RF System Modification</p> <p>\$173,681.19</p> </td></tr> </table>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>KPXJ-150-Auxiliary Transmitter - RF System Modification</p> <p>\$173,681.19</p>				
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>KPXJ-150-Auxiliary Transmitter - RF System Modification</p> <p>\$173,681.19</p>						

Aux Transmitter - Proof of Performance	<b>Component Description:</b>  <b>Amount:</b>	KPXJ-150-Auxiliary Transmitter - Proof of Performance  \$24,000.00
Aux Transmitter - System Sweep Post Retune	<b>Component Description:</b>  <b>Amount:</b>	KPXJ-150-Auxiliary Transmitter - System Sweep Post Retune  \$6,400.00
Other 0 kW mask filter	Information not provided.	
UHF and VHF - minor banding issues	<b>Component Description:</b>  <b>Amount:</b>	Aux Transmitter Retune  \$119,955.00

## 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 Justification
<b>Interim Antenna TFU-24WB C160</b>	<b>\$401,869.30</b>	<b>\$584,058.60</b>		<b>\$262,321.36</b>	
UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 800 kW input, horizontally polarized	<i>\$268,829.30</i>	\$268,829.30	see Justifying Quote KPXJ-280-Interim Antenna - High Power Side Mount TSG proposal for Job 2015865A	\$262,321.36	N
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N
New combiner, cost per channel (without antenna)	\$84,200.00	\$268,829.30	Based on Quote.	\$0.00	N
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	\$13,700.00	\$13,000.00	N/A	N/A	N
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$22,000.00	N/A	\$0.00	N
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	N/A	N

<b>Primary Antenna TFU-30DSC/VP-R S200</b>	<b>\$591,494.22</b>	<b>\$446,558.78</b>		<b>\$319,199.15</b>	
UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, elliptically or circularly polarized	<b>\$254,554.22</b>	\$254,554.22	Per Dielectric quote 513326JKT Rev 5. Vpol adder is not included here. Previous superseded component has \$136,935.45 forwarded for payment.	\$150,357.51	↑
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$11,700.00	N/A	N/A	↑
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	↑
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$31,969.11	see Estimated Cost Justification KPXJ-210- Primary Antenna - Side Mount Brackets - Custom Mount Brackets v0	\$31,906.19	↑
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	N/A	↑

UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$136,935.45	***System Notice: Estimate adjusted and locked because line has been superseded. ***	\$136,935.45	↑
<b>Sub-total</b>	\$993,363.52	\$1,030,617.38	N/A	\$581,520.51	↑
<b>Total for all systems</b>	\$8,353,688.12	\$8,534,518.87	N/A	\$5,779,861.80	↑

## Components

Actual Information Description	File Name
UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 800 kW input, horizontally polarized	<p><b>Component Description:</b> overpayment in inter antenna category due to deductive change or</p> <p><b>Amount:</b> (\$6,507.93)</p> <p><b>Component Description:</b> Pre-shipment deposit for KPXJ Interim Antenna Purchase</p> <p><b>Amount:</b> \$67,207.32</p> <p><b>Component Description:</b> Interim Antenna Purchase</p> <p><b>Amount:</b> \$134,414.65</p> <p><b>Component Description:</b> Dielectric 110000000 UHF - Broadband Side Mount AUX / Interim TFU-24WB C160 C160 51.</p> <p><b>Amount:</b> \$67,207.32</p>
Sweep test of existing antenna	Information not provided.

New combiner, cost per channel (without antenna)	Information not provided.
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.
UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, elliptically or circularly polarized	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Main Antenna purch.  \$48,167.71 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> UHF - High Power S  Mount TV Antenna  \$61,701.06 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> KPXJ Additional  Materials  \$40,488.74 </div> </div>
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.
Sweep test of existing antenna	Information not provided.

<p>Side mount brackets for high power antennas (if not included in antenna base cost)</p>	<table> <tr> <td data-bbox="821 174 1133 208"><b>Component Description:</b></td><td data-bbox="1264 174 1505 365">KPXJ-210-Primary Antenna - Side Mount Brackets - Custom Mount Brackets to existing</td></tr> <tr> <td data-bbox="821 376 930 409"><b>Amount:</b></td><td data-bbox="1264 376 1396 409">\$20,300.00</td></tr> <tr> <td data-bbox="821 517 1133 551"><b>Component Description:</b></td><td data-bbox="1264 517 1505 707">KPXJ-210-Primary Antenna - Side Mount Brackets - Custom Mount Brackets to existing</td></tr> <tr> <td data-bbox="821 719 930 752"><b>Amount:</b></td><td data-bbox="1264 719 1382 752">\$6,766.66</td></tr> <tr> <td data-bbox="821 857 1133 891"><b>Component Description:</b></td><td data-bbox="1264 857 1505 1003">KPXJ-210-Primary Antenna - Side Mount Brackets - Custom Mount Brackets</td></tr> <tr> <td data-bbox="821 1014 930 1048"><b>Amount:</b></td><td data-bbox="1264 1014 1382 1048">\$4,839.53</td></tr> </table>	<b>Component Description:</b>	KPXJ-210-Primary Antenna - Side Mount Brackets - Custom Mount Brackets to existing	<b>Amount:</b>	\$20,300.00	<b>Component Description:</b>	KPXJ-210-Primary Antenna - Side Mount Brackets - Custom Mount Brackets to existing	<b>Amount:</b>	\$6,766.66	<b>Component Description:</b>	KPXJ-210-Primary Antenna - Side Mount Brackets - Custom Mount Brackets	<b>Amount:</b>	\$4,839.53
<b>Component Description:</b>	KPXJ-210-Primary Antenna - Side Mount Brackets - Custom Mount Brackets to existing												
<b>Amount:</b>	\$20,300.00												
<b>Component Description:</b>	KPXJ-210-Primary Antenna - Side Mount Brackets - Custom Mount Brackets to existing												
<b>Amount:</b>	\$6,766.66												
<b>Component Description:</b>	KPXJ-210-Primary Antenna - Side Mount Brackets - Custom Mount Brackets												
<b>Amount:</b>	\$4,839.53												
<p>Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)</p>	<p>Information not provided.</p>												
<p>UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized</p>	<table> <tr> <td data-bbox="821 1379 1133 1413"><b>Component Description:</b></td><td data-bbox="1264 1379 1505 1491">This section has been superseded and the invoice moved.</td></tr> <tr> <td data-bbox="821 1503 930 1536"><b>Amount:</b></td><td data-bbox="1264 1503 1310 1536">N/A</td></tr> <tr> <td data-bbox="821 1641 1133 1675"><b>Component Description:</b></td><td data-bbox="1264 1641 1505 1675">Main Antenna Purchase</td></tr> <tr> <td data-bbox="821 1686 930 1720"><b>Amount:</b></td><td data-bbox="1264 1686 1412 1720">\$136,935.45</td></tr> <tr> <td data-bbox="821 1825 1133 1859"><b>Component Description:</b></td><td data-bbox="1264 1825 1505 1937">This section has been superseded and the invoice moved.</td></tr> <tr> <td data-bbox="821 1948 930 1982"><b>Amount:</b></td><td data-bbox="1264 1948 1310 1982">N/A</td></tr> </table>	<b>Component Description:</b>	This section has been superseded and the invoice moved.	<b>Amount:</b>	N/A	<b>Component Description:</b>	Main Antenna Purchase	<b>Amount:</b>	\$136,935.45	<b>Component Description:</b>	This section has been superseded and the invoice moved.	<b>Amount:</b>	N/A
<b>Component Description:</b>	This section has been superseded and the invoice moved.												
<b>Amount:</b>	N/A												
<b>Component Description:</b>	Main Antenna Purchase												
<b>Amount:</b>	\$136,935.45												
<b>Component Description:</b>	This section has been superseded and the invoice moved.												
<b>Amount:</b>	N/A												

## 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 Justification
<b>Interim Transmission Line</b>	<b>\$361,920.00</b>	<b>\$548,493.77</b>		<b>\$548,493.77</b>	
Rigid Transmission Line - copper, 6 1/8" broadband	\$361,920.00	\$548,493.77	per KPXJ-380-Interim Transmission Line - 6 1-8 Rigid Copper, Broadband Budget Increase Justification v0	\$548,493.77	N
<b>Primary Transmission Line</b>	<b>\$966,240.00</b>	<b>\$802,924.84</b>		<b>\$484,351.74</b>	
Rigid Transmission Line - copper, 8 3/16"	\$610,720.00	\$565,433.18	See attached TSG Sec 7 Main Coax Price Quote. Previous transmission line category erroneously labelled at a diameter of 6 1/8". The correct 8 3/16" line has already been partially reimbursed per the invoice 202986. Actual costs will reflect this.	\$246,860.08	N



Rigid Transmission Line - copper, 6 1/8"	\$355,520.00	\$237,491.66	***System Notice: Estimate adjusted and locked because line has been superseded. ***See attached TSG "Sec 7 Main Coax" price quote;	\$237,491.66	Pl re 20: fror com
<b>Sub-total</b>	\$1,328,160.00	\$1,351,418.61	N/A	\$1,032,845.51	N
<b>Total for all systems</b>	\$8,353,688.12	\$8,534,518.87	N/A	\$5,779,861.80	N

## Components

Actual Information Description	File Name
Rigid Transmission Line - copper, 6 1/8" broadband	<p><b>Component Description:</b> KPXJ-380-Interim Transmission Line - 6 /8"" Rigid Copper, Broadband</p> <p><b>Amount:</b> \$35,806.33</p> <p><b>Component Description:</b> Dielectric 110000000: 1/8" Line and Connectors: Run is 14' Vertical and 100' Horizontal</p> <p><b>Amount:</b> \$127,789.51</p> <p><b>Component Description:</b> Transmission Line Co Interim Purchase</p> <p><b>Amount:</b> \$128,171.86</p> <p><b>Component Description:</b> Transmission Line Co Interim Purchase</p> <p><b>Amount:</b> \$256,726.07</p>

Rigid Transmission Line - copper, 8 3/16"	<b>Component Description:</b>		KPXJ-310-Primary
			Transmission Line - 8
			/16"" Rigid Copper
	<b>Amount:</b>		\$12,750.65
	<b>Component Description:</b>		KPXJ Transmission L
			Coax Main
Rigid Transmission Line - copper, 6 1/8"	<b>Amount:</b>		\$117,900.27
	<b>Component Description:</b>		Dielectric 110000000:
			TRANSMISSION LINE
			RIGID
	<b>Amount:</b>		\$116,209.16
Rigid Transmission Line - copper, 6 1/8"	<b>Component Description:</b>		Please reject this invc
	<b>Amount:</b>		N/A
	<b>Component Description:</b>		Transmission Line Co
			Main
	<b>Amount:</b>		\$237,491.66

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
Primary Tower GTOWER	\$1,490,600.00	\$1,598,823.88	
Field Verifications	\$5,000.00	\$5,000.00	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$322,815.00	TCI proposals TCI-17-149E, TCI-18-025B, and JRTarver Quote Q-7015. Please see KPXJ_TowerRigging_CostEstimate_cover letter for more information.
Structural engineering tower load study for well documented tower	\$12,600.00	\$13,820.00	Invoices total this amount.
Serious tower reinforcement /modifications	\$1,052,000.00	\$1,257,188.88	KPXJ-410-Existing Primary Tower - Serious Tower Reinforcement and modifications Verified Budget Increase Justification v1
Sub-total	\$1,490,600.00	\$1,598,823.88	N/A
Total for all systems	\$8,353,688.12	\$8,534,518.87	N/A

Components

Actual Information Description	File Name
Field Verifications	Information not provided.

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)

**Component Description:**

2. Existing Primary Tower, Complex Tower Equipment and Rigging, Repack Antenna Installation, Mobilization 25%,

**Amount:**

\$56,922.50

**Component Description:**

KPXJ-410-Existing Primary Tower - Complex Tower, Tower Equipment and Rigging

**Amount:**

\$22,769.00

**Component Description:**

KPXJ-410-Existing Primary Tower - Complex Tower, Tower Equipment and Rigging

**Amount:**

\$38,707.30

**Component Description:**

Antenna Services: Engineering, materials, labor services, project management and insurance to perform specified antenna installation services

**Amount:**

\$14,875.00

**Component Description:**

Clearing lane for TV tower crew @ Channel 3 TV tower

**Amount:**

\$1,000.00

**Component Description:**

Repack Antenna Installation

**Amount:**

\$109,291.20

<p>Structural engineering tower load study for well documented tower</p>	<table> <tr> <td data-bbox="821 174 1129 208"><b>Component Description:</b></td><td data-bbox="1262 174 1505 405">Analysis prepared for one additional Load Case to determine conformance with the ANSI/TIA-954 Standard 222-G</td></tr> <tr> <td data-bbox="821 416 930 450"><b>Amount:</b></td><td data-bbox="1262 416 1382 450">\$1,800.00</td></tr> <tr> <td data-bbox="821 555 1129 589"><b>Component Description:</b></td><td data-bbox="1262 555 1505 589">Second Tower Analysis</td></tr> <tr> <td data-bbox="821 595 930 629"><b>Amount:</b></td><td data-bbox="1262 595 1382 629">\$1,800.00</td></tr> <tr> <td data-bbox="821 734 1129 768"><b>Component Description:</b></td><td data-bbox="1262 734 1442 768">Tower Analysis</td></tr> <tr> <td data-bbox="821 775 930 808"><b>Amount:</b></td><td data-bbox="1262 775 1382 808">\$8,420.00</td></tr> <tr> <td data-bbox="821 913 1129 947"><b>Component Description:</b></td><td data-bbox="1262 913 1505 1223">Analysis prepared for one (1) additional Load Case to determine conformance with the ANSI/TIA-954 Standard 222-G with basic wind speeds required for the tower location.</td></tr> <tr> <td data-bbox="821 1234 930 1267"><b>Amount:</b></td><td data-bbox="1262 1234 1382 1267">\$1,800.00</td></tr> </table>	<b>Component Description:</b>	Analysis prepared for one additional Load Case to determine conformance with the ANSI/TIA-954 Standard 222-G	<b>Amount:</b>	\$1,800.00	<b>Component Description:</b>	Second Tower Analysis	<b>Amount:</b>	\$1,800.00	<b>Component Description:</b>	Tower Analysis	<b>Amount:</b>	\$8,420.00	<b>Component Description:</b>	Analysis prepared for one (1) additional Load Case to determine conformance with the ANSI/TIA-954 Standard 222-G with basic wind speeds required for the tower location.	<b>Amount:</b>	\$1,800.00
<b>Component Description:</b>	Analysis prepared for one additional Load Case to determine conformance with the ANSI/TIA-954 Standard 222-G																
<b>Amount:</b>	\$1,800.00																
<b>Component Description:</b>	Second Tower Analysis																
<b>Amount:</b>	\$1,800.00																
<b>Component Description:</b>	Tower Analysis																
<b>Amount:</b>	\$8,420.00																
<b>Component Description:</b>	Analysis prepared for one (1) additional Load Case to determine conformance with the ANSI/TIA-954 Standard 222-G with basic wind speeds required for the tower location.																
<b>Amount:</b>	\$1,800.00																
<p>Serious tower reinforcement /modifications</p>	<table> <tr> <td data-bbox="821 1406 1129 1440"><b>Component Description:</b></td><td data-bbox="1262 1406 1474 1473">70'-8" Ladder with Platform</td></tr> <tr> <td data-bbox="821 1485 930 1518"><b>Amount:</b></td><td data-bbox="1262 1485 1394 1518">\$19,532.00</td></tr> <tr> <td data-bbox="821 1624 1129 1657"><b>Component Description:</b></td><td data-bbox="1262 1624 1401 1657">Job# 39945</td></tr> <tr> <td data-bbox="821 1664 930 1697"><b>Amount:</b></td><td data-bbox="1262 1664 1358 1697">\$443.83</td></tr> <tr> <td data-bbox="821 1803 1129 1836"><b>Component Description:</b></td><td data-bbox="1262 1803 1505 1993">Job# 39946- manufactured a two piece custom ladder overall length galvanized to specs</td></tr> <tr> <td data-bbox="821 2004 930 2038"><b>Amount:</b></td><td data-bbox="1262 2004 1382 2038">\$4,252.95</td></tr> </table>	<b>Component Description:</b>	70'-8" Ladder with Platform	<b>Amount:</b>	\$19,532.00	<b>Component Description:</b>	Job# 39945	<b>Amount:</b>	\$443.83	<b>Component Description:</b>	Job# 39946- manufactured a two piece custom ladder overall length galvanized to specs	<b>Amount:</b>	\$4,252.95				
<b>Component Description:</b>	70'-8" Ladder with Platform																
<b>Amount:</b>	\$19,532.00																
<b>Component Description:</b>	Job# 39945																
<b>Amount:</b>	\$443.83																
<b>Component Description:</b>	Job# 39946- manufactured a two piece custom ladder overall length galvanized to specs																
<b>Amount:</b>	\$4,252.95																

<b>Component Description:</b>	Engineering, materials, labor services, project management and insurance to perform complex tower modifications on the 1,693-ft guyed Kline Tower
<b>Amount:</b>	\$102,154.00

<b>Component Description:</b>	Tower Modification, repack antenna installation
<b>Amount:</b>	\$271,391.80

<b>Component Description:</b>	Tower modification
<b>Amount:</b>	\$28,800.00

<b>Component Description:</b>	Cleanup work area around concrete slab
<b>Amount:</b>	\$400.00

<b>Component Description:</b>	Tower Modifications
<b>Amount:</b>	\$550,339.20

<b>Component Description:</b>	Tower Modification: Engineering, materials, labor services, project management and insurance to perform complex tower modifications on the 1,693-ft guyed Kline Tower
<b>Amount:</b>	\$286,635.00

<b>Component Description:</b>	3" x 3" X 1/4" Angle 15' Long, Freight for complete order
<b>Amount:</b>	\$4,540.00

<b>Component Description:</b>	Tower Consultants, I
	tower mods
<b>Amount:</b>	\$31,400.00

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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 Justification
Outside Professional Services	\$609,532.25	\$610,561.65		\$429,086.65	
Attorney - Other Matters	\$2,531.25	\$2,531.25	Please see Estimated Cost Justification KPXJ-550-Attorney - Other Matters v1	\$2,531.25	
Additional Field Engineering Service, 20 Days	\$40,000.00	\$40,000.00	N/A	N/A	
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	
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	
NEPA Section 106 environmental review, if needed	\$6,310.00	\$6,000.00	N/A	N/A	



Attorney Fees - Prepare and File request for Special Temporary Authorization	\$7,360.00	\$7,000.00	N/A	\$375.00	1
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$3,162.50	see Estimated Cost Justification KPXJ-550- Attorney - Prepare and File License to Cover Application (Main) v0	\$3,162.50	1
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$3,500.00	1
Prepare request for Special Temporary Authorization	\$4,100.00	\$3,000.00	N/A	\$0.00	1
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$0.00	1
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$750.00	1

RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	\$2,105.00	\$2,000.00	N/A	N/A	1
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,750.00	1
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$650.00	1
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	1
Prepare and or review reimbursement form	\$2,630.00	\$2,750.00	see Estimated Cost Justification KPXJ-590- Prepare and Review Reimbursement Form v0	\$2,750.00	1

Project management of the transition	\$404,796.00	\$413,617.90	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$413,617.90	1
<b>Sub-total</b>	\$609,532.25	\$610,561.65	N/A	\$429,086.65	1
<b>Total for all systems</b>	\$8,353,688.12	\$8,534,518.87	N/A	\$5,779,861.80	1

## Components

Actual Information Description	File Name
Attorney - Other Matters	<p><b>Component Description:</b> Professional Services <b>Amount:</b> \$125.00</p> <p><b>Component Description:</b> KPXJ-550-Attorney - Other Matters <b>Amount:</b> \$500.00</p> <p><b>Component Description:</b> Legal services <b>Amount:</b> \$750.00</p> <p><b>Component Description:</b> Legal Services <b>Amount:</b> \$906.25</p> <p><b>Component Description:</b> T.C. w/ G. Sirven, D. Cassidy re reimbursement issues <b>Amount:</b> \$250.00</p>
Additional Field Engineering Service, 20 Days	Information not provided.
RF Exposure Measurements	Information not provided.

Comprehensive coverage verification via field study, if needed	Information not provided.
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	Information not provided.
Attorney Fees - Prepare and File request for Special Temporary Authorization	<div> <div><b>Component Description:</b></div> <div>Exchange e-mails re documentation of fee payment for KTBS S1 required to allow KPX transition constructor</div> </div> <div> <div><b>Amount:</b></div> <div>\$375.00</div> </div>
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	<div> <div><b>Component Description:</b></div> <div>KPXJ-550-Attorney - Prepare and File Lice to Cover Application (Main)</div> </div> <div> <div><b>Amount:</b></div> <div>\$1,687.50</div> </div> <div> <div><b>Component Description:</b></div> <div>Attorney fees to assis with Post Auction Req</div> </div> <div> <div><b>Amount:</b></div> <div>\$950.00</div> </div> <div> <div><b>Component Description:</b></div> <div>Attorney Fees for Regarding Channel Change</div> </div> <div> <div><b>Amount:</b></div> <div>\$525.00</div> </div>
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	<div> <div><b>Component Description:</b></div> <div>Attorney Fees associ with Construction Per</div> </div> <div> <div><b>Amount:</b></div> <div>\$3,500.00</div> </div>
Prepare request for Special Temporary Authorization	Information not provided.

RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	<div> <b>Component Description:</b> Assistance with engineering portion o license application for KPXJ-DT </div> <div> <b>Amount:</b> \$375.00 </div> <div> <b>Component Description:</b> Attorney Fees Associated with FCC Form 399 </div> <div> <b>Amount:</b> \$375.00 </div>
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<div> <b>Component Description:</b> Engineering Work for Construction Permit </div> <div> <b>Amount:</b> \$1,750.00 </div>
Perform engineering study for new channel assignment and antenna development	<div> <b>Component Description:</b> Engineering RF Analy </div> <div> <b>Amount:</b> \$650.00 </div>
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.

Prepare and or review reimbursement form	<b>Component Description:</b> <b>Amount:</b>	Legal Services \$125.00
	<b>Component Description:</b> <b>Amount:</b>	Legal Services \$125.00
	<b>Component Description:</b>  <b>Amount:</b>	Attorney fees for discussing Channel Reassignment, Cores Registration and Forn 1876 \$1,625.00
	<b>Component Description:</b>  <b>Amount:</b>	Attorney fees for Pub Notice Reminder and Filings \$250.00
	<b>Component Description:</b>  <b>Amount:</b>	Attorney Fees Associated with Reimbursements \$625.00
Project management of the transition	<b>Component Description:</b> <b>Amount:</b>	Project Management \$3,008.55
	<b>Component Description:</b> <b>Amount:</b>	Project Management \$3,039.85
	<b>Component Description:</b> <b>Amount:</b>	Project Management \$1,286.25
	<b>Component Description:</b> <b>Amount:</b>	Project Management \$3,418.70

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,368.85

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,335.90

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,462.25

<b>Component Description:</b>	Outside Professional Services
<b>Amount:</b>	\$70,700.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,733.85

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$6,537.05

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,036.65

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$9,713.35

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,592.65

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$9,220.65

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$6,790.40

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$11,105.80

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$10,947.90

<b>Component Description:</b>	KPXJ Repack Ch 32
<b>Amount:</b>	\$6,921.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$9,761.20

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$6,706.05

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$6,219.95

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,428.70

<b>Component Description:</b>	KPXJ Repack Ch 32
<b>Amount:</b>	\$6,099.15

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$11,077.75

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$9,731.35

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$5,216.25



<b>Component Description:</b>	FCC 387 Quarterly reports
<b>Amount:</b>	\$225.00
<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,770.15
<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$11,198.70
<b>Component Description:</b>	Legal services
<b>Amount:</b>	\$1,375.00
<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,314.50
<b>Component Description:</b>	Follow up re KPXJ transition status report
<b>Amount:</b>	\$125.00
<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,531.30
<b>Component Description:</b>	Legal services
<b>Amount:</b>	\$1,625.00
<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,330.10
<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$9,061.70
<b>Component Description:</b>	Project management
<b>Amount:</b>	\$2,770.15

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$15,321.85

<b>Component Description:</b>	KPXJ Repack Ch 32
<b>Amount:</b>	\$6,427.70

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,918.65

<b>Component Description:</b>	Legal Services
<b>Amount:</b>	\$125.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,457.40

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,421.30

<b>Component Description:</b>	Project management
<b>Amount:</b>	\$3,810.05

<b>Component Description:</b>	KPXJ seeks reimbursement Widel services provided & charged during December 2018
<b>Amount:</b>	\$4,418.30

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$11,164.40

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$7,204.95

<b>Component Description:</b>	Outside Services, Procurement, Management of the Transition, Professional Services provided by TSG.
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<b>Amount:</b>	\$57,825.00
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<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$375.00

<b>Component Description:</b>	Professional services
<b>Amount:</b>	\$35,486.65

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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 Justification
<b>Other Expenses</b>	<b>\$187,803.58</b>	<b>\$186,913.58</b>		<b>\$97,748.02</b>	
Road Repairs	<i>\$53,723.58</i>	\$53,723.58	Please see Technical Services Group, Inc. estimate 2015865R	\$53,723.58	N/A
Develop and air announcement of upcoming channel change	<i>\$15,000.00</i>	\$15,000.00	N/A	\$93.75	N/A
Equipment Storage	<i>\$20,000.00</i>	\$20,000.00	N/A	\$19,861.07	N/A
Equipment Delivery and Handling Charges	<i>\$20,000.00</i>	\$20,000.00	See attached TSG "Sec 11 Other Expenses" quote, Item 11;	\$4,956.32	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$50,000.00</i>	\$50,000.00	See attached TSG "Sec 11 Other Expenses" quote, item 9;	\$13,172.05	N/A
Non-zoning permits	<i>\$5,000.00</i>	\$5,000.00	N/A	\$0.00	N/A
Local Zoning	<i>\$10,000.00</i>	\$10,000.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A

FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$0.00	N/A	N/A	1
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$5,316.25	1
MVPD Notification of Channel Change	<b>\$2,000.00</b>	\$2,000.00	N/A	\$625.00	1
<b>Sub-total</b>	\$187,803.58	\$186,913.58	N/A	\$97,748.02	1
<b>Total for all systems</b>	\$8,353,688.12	\$8,534,518.87	N/A	\$5,779,861.80	1

### Components

Actual Information Description	File Name
Road Repairs	<p><b>Component Description:</b> KPXJ Driveway Restoration</p> <p><b>Amount:</b> \$53,723.58</p>
Develop and air announcement of upcoming channel change	<p><b>Component Description:</b> KPXJ-610-Develop &amp; Air Channel Change Announcement</p> <p><b>Amount:</b> \$93.75</p>
Equipment Storage	<p><b>Component Description:</b> TSG Site Consolidation Equipment Storage Primary Transmitter</p> <p><b>Amount:</b> \$19,861.07</p>
Equipment Delivery and Handling Charges	<p><b>Component Description:</b> KPXJ-610-Equipment Delivery and Handling</p> <p><b>Amount:</b> \$4,956.32</p>

Disposal Costs (for equipment and other waste, net of any salvage value)	<b>Component Description:</b> KPXJ-610-Disposal Costs	
	<b>Amount:</b> \$9,562.50	
	<b>Component Description:</b> Cleanup work area around concrete slab	
	<b>Amount:</b> \$400.00	
	<b>Component Description:</b> Equipment Rentals	
	<b>Amount:</b> \$3,609.55	
Non-zoning permits	Information not provided.	
Local Zoning	Information not provided.	
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
DTV Medical Facility Notification	<b>Component Description:</b> KPXJ-610-Medical Facility Notification	
	<b>Amount:</b> \$750.00	
	<b>Component Description:</b> DTV Medical Facility Notification	
	<b>Amount:</b> \$4,566.25	
MVPD Notification of Channel Change	<b>Component Description:</b> T.C. re MVPD addresses for notification of channel changes.	
	<b>Amount:</b> \$250.00	
	<b>Component Description:</b> Professional Service Rendered	
	<b>Amount:</b> \$375.00	



Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems		\$8,353,688.12	\$8,534,518.87	\$5,779,861.80

Reimbursement Status	Question	Response
	The facility has ceased operating on its pre-auction channel.	Yes
	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
<b>Submission of Estimated Expenses Statements</b>	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.	
	<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><li>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).</li></ol>	

<p>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.</p> <p>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.</p> <p>7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <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>Dale E. Ca</b>  <i>Chief Engir</i>  08/30/2021</p>

**Certification**

Section	Question	Response
<b>Submission of Actual Cost Documentation Statements</b>	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><li>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.</li></ol>	

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

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	<b>Dale E. Ca:</b> <i>Chief Engir</i>  08/30/2021
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## Attachments