



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **81507** | Service: **DTV** | Call **KPXJ** | Channel: **32 (UHF)**  
ID: | Sign:  
File **0000028338**  
Number:  
FRN: **0020203246** | Date **07/06**  
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
----------	----------

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	Purchase N
	Use	Auxiliary (B
	Description of Use	Backup & Ir
	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	ULXTD-60
	Year	2016
	Type	Solid State
	Solid State Cooling	Liquid Cool
	Solid State Power Capacity	34.6 kW

Auxiliary  
Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Auxiliary (B
	Change Type	Purchase N
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	ULXTE-72
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cool
	Solid State Power capacity	47.2 kW
	Justification for New Transmitter	A replacem transmitter necessary t maintain KF current redundancy

Auxiliary  
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 auxiliary transmitter require reconfiguration the electrical service on site. The electrical work cost has been estimated based on vendor guidance from local electrical contractors.
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
<b>Channel 14 Costs</b>	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

## Auxiliary Transmitter

### Other Transmitter Cost Not Listed

Information not provided.

Primary  
Transmitter

Existing Transmitter Information

Section	Question	Response
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 electrica service on s The electric work cost h been estim: based on vi 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
<b>Primary Transmitter - Decommission</b>	Primary Transmitter - Decommission
<b>Primary Transmitter - Installation</b>	Primary Transmitter - Installation



<b>Combiner 5 ton HVAC</b>	The Combiner will need its own dedicated C only HVAC
<b>Relocating Ground equipment</b>	Relocating existing equipment for other stat make room for new transmitter
<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 - RF Accessories</b>	Primary Transmitter - RF Accessories

**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 is necessary because the existing antenna cannot support the new channels. Additionally, KPXJ needs to replace the used bottom stack antenna at the top of the tower due to structural limitations.
-------------------------------	---

## 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.
-------------------------------	---

## 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
------	-------------

<b>Road Repairs</b>	Repairs required to fix damage done by equipment during repack
---------------------	--

## 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>\$3,034,375.05</b>	<b>\$3,031,575.05</b>		<b>\$1,724,387.46</b>	
Primary Transmitter - RF Accessories	<i>\$101,238.92</i>	\$101,238.92	Please see Technical Services Group, Inc. estimate 2015865-RF	N/A	N/A
Building Reconfiguration	<i>\$20,000.00</i>	\$20,000.00	N/A	\$0.00	N/A
Relocating Ground equipment	<i>\$20,000.00</i>	\$20,000.00	N/A	\$0.00	N/A
Combiner 5 ton HVAC	<i>\$15,333.33</i>	\$15,333.33	See attached TSG Quote "Sec 1 Main TX" line 63	\$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
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

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.	\$75,000.00	\$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	\$2,614,559.10	\$2,614,559.10	see Estimated Cost Justification KPXJ-110- Primary Transmitter - UHF liquid-cooled 76 kW v0	\$1,552,943.76	↑
5 Ton system	\$20,250.00	\$19,250.00	N/A	\$0.00	↑
<b>Auxiliary Transmitter ULXTE-72</b>	<b>\$1,584,800.00</b>	<b>\$1,769,583.04</b>		<b>\$0.00</b>	
Transformer 3 phase/480v - 300 KVA	\$36,800.00	\$35,000.00	N/A	\$0.00	↑
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$1,659,583.04	See attached TSG Quote "Sec 2 Aux TX"	\$0.00	↑

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.	\$75,000.00	\$75,000.00	N/A	\$0.00	↑
<b>Sub-total</b>	\$4,619,175.05	\$4,801,158.09	N/A	\$1,724,387.46	↑
<b>Total for all systems</b>	\$9,228,634.40	\$9,569,819.54	N/A	\$5,352,988.28	↑

### Components

Actual Information Description	File Name
Primary Transmitter - RF Accessories	Information not provided.
Building Reconfiguration	Information not provided.
Relocating Ground equipment	Information not provided.
Combiner 5 ton HVAC	Information not provided.
Primary Transmitter - Installation	<div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Installation Services</div> <div>\$98,812.50</div> </div>
Primary Transmitter - Decommission	<div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>TSG Primary Transmitter</div> <div>\$32,381.20</div> </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 data-bbox="813 94 1197 369"> <p><b>Component Description:</b></p> </td><td data-bbox="1197 94 1501 369"> <p>Remove power and wiring from existing transmitter and reconnect power to equipment</p> </td></tr> <tr> <td data-bbox="813 369 1197 436"> <p><b>Amount:</b></p> </td><td data-bbox="1197 369 1501 436"> <p>\$6,162.47</p> </td></tr> <tr> <td data-bbox="813 504 1197 593"> <p><b>Component Description:</b></p> </td><td data-bbox="1197 504 1501 593"> <p>Material- KPXJ Transmitter Equipm</p> </td></tr> <tr> <td data-bbox="813 593 1197 660"> <p><b>Amount:</b></p> </td><td data-bbox="1197 593 1501 660"> <p>\$13,074.00</p> </td></tr> <tr> <td data-bbox="813 728 1197 862"> <p><b>Component Description:</b></p> </td><td data-bbox="1197 728 1501 862"> <p>Install wiring for nev electrical service for KPXJ transmitter</p> </td></tr> <tr> <td data-bbox="813 862 1197 929"> <p><b>Amount:</b></p> </td><td data-bbox="1197 862 1501 929"> <p>\$5,510.26</p> </td></tr> <tr> <td data-bbox="813 996 1197 1131"> <p><b>Component Description:</b></p> </td><td data-bbox="1197 996 1501 1131"> <p>Install wiring for nev KPXJ Transmitter Equipment</p> </td></tr> <tr> <td data-bbox="813 1131 1197 1198"> <p><b>Amount:</b></p> </td><td data-bbox="1197 1131 1501 1198"> <p>\$11,459.27</p> </td></tr> <tr> <td data-bbox="813 1265 1197 1355"> <p><b>Component Description:</b></p> </td><td data-bbox="1197 1265 1501 1355"> <p>Material-New KPXJ Service</p> </td></tr> <tr> <td data-bbox="813 1355 1197 1422"> <p><b>Amount:</b></p> </td><td data-bbox="1197 1355 1501 1422"> <p>\$4,044.00</p> </td></tr> </table>	<p><b>Component Description:</b></p>	<p>Remove power and wiring from existing transmitter and reconnect power to equipment</p>	<p><b>Amount:</b></p>	<p>\$6,162.47</p>	<p><b>Component Description:</b></p>	<p>Material- KPXJ Transmitter Equipm</p>	<p><b>Amount:</b></p>	<p>\$13,074.00</p>	<p><b>Component Description:</b></p>	<p>Install wiring for nev electrical service for KPXJ transmitter</p>	<p><b>Amount:</b></p>	<p>\$5,510.26</p>	<p><b>Component Description:</b></p>	<p>Install wiring for nev KPXJ Transmitter Equipment</p>	<p><b>Amount:</b></p>	<p>\$11,459.27</p>	<p><b>Component Description:</b></p>	<p>Material-New KPXJ Service</p>	<p><b>Amount:</b></p>	<p>\$4,044.00</p>
<p><b>Component Description:</b></p>	<p>Remove power and wiring from existing transmitter and reconnect power to equipment</p>																				
<p><b>Amount:</b></p>	<p>\$6,162.47</p>																				
<p><b>Component Description:</b></p>	<p>Material- KPXJ Transmitter Equipm</p>																				
<p><b>Amount:</b></p>	<p>\$13,074.00</p>																				
<p><b>Component Description:</b></p>	<p>Install wiring for nev electrical service for KPXJ transmitter</p>																				
<p><b>Amount:</b></p>	<p>\$5,510.26</p>																				
<p><b>Component Description:</b></p>	<p>Install wiring for nev KPXJ Transmitter Equipment</p>																				
<p><b>Amount:</b></p>	<p>\$11,459.27</p>																				
<p><b>Component Description:</b></p>	<p>Material-New KPXJ Service</p>																				
<p><b>Amount:</b></p>	<p>\$4,044.00</p>																				
<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="821 100 1244 324"> <p><b>Component Description:</b></p> </td><td data-bbox="1244 100 1492 324"> <p>KPXJ-110-Primary Transmitter - UHF liquid cooled 68.5-7 kW</p> </td></tr> <tr> <td data-bbox="821 324 1244 436"> <p><b>Amount:</b></p> </td><td data-bbox="1244 324 1492 436"> <p>\$3,930.12</p> </td></tr> <tr> <td data-bbox="821 459 1244 683"> <p><b>Component Description:</b></p> </td><td data-bbox="1244 459 1492 683"> <p>"GatesAir Maxiva Series ULXTED-120 High Efficiency Broadband Liquid-Cooled, Solid-State Television Transmitter</p> </td></tr> <tr> <td data-bbox="821 683 1244 795"> <p><b>Amount:</b></p> </td><td data-bbox="1244 683 1492 795"> <p>\$720,046.49</p> </td></tr> <tr> <td data-bbox="821 817 1244 1041"> <p><b>Component Description:</b></p> </td><td data-bbox="1244 817 1492 1041"> <p>50% prepayment deposit on new transmitter</p> </td></tr> <tr> <td data-bbox="821 1041 1244 1064"> <p><b>Amount:</b></p> </td><td data-bbox="1244 1041 1492 1064"> <p>\$828,967.15</p> </td></tr> </table>	<p><b>Component Description:</b></p>	<p>KPXJ-110-Primary Transmitter - UHF liquid cooled 68.5-7 kW</p>	<p><b>Amount:</b></p>	<p>\$3,930.12</p>	<p><b>Component Description:</b></p>	<p>"GatesAir Maxiva Series ULXTED-120 High Efficiency Broadband Liquid-Cooled, Solid-State Television Transmitter</p>	<p><b>Amount:</b></p>	<p>\$720,046.49</p>	<p><b>Component Description:</b></p>	<p>50% prepayment deposit on new transmitter</p>	<p><b>Amount:</b></p>	<p>\$828,967.15</p>
<p><b>Component Description:</b></p>	<p>KPXJ-110-Primary Transmitter - UHF liquid cooled 68.5-7 kW</p>												
<p><b>Amount:</b></p>	<p>\$3,930.12</p>												
<p><b>Component Description:</b></p>	<p>"GatesAir Maxiva Series ULXTED-120 High Efficiency Broadband Liquid-Cooled, Solid-State Television Transmitter</p>												
<p><b>Amount:</b></p>	<p>\$720,046.49</p>												
<p><b>Component Description:</b></p>	<p>50% prepayment deposit on new transmitter</p>												
<p><b>Amount:</b></p>	<p>\$828,967.15</p>												
<p>5 Ton system</p>	<p>Information not provided.</p>												
<p>Transformer 3 phase/480v - 300 KVA</p>	<p>Information not provided.</p>												
<p>UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW</p>	<p>Information not provided.</p>												
<p>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.</p>	<p>Information not provided.</p>												

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

<b>Primary Antenna TFU-30DSC/VP-R S200</b>	<b>\$591,494.22</b>	<b>\$446,558.78</b>		<b>\$319,199.15</b>	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	N/A	↑
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$31,969.11	see Estimated Cost Justification KPXJ-210- Primary Antenna - Side Mount Brackets - Custom Mount Brackets v0	\$31,906.19	↑
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	↑
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	↑

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>	\$9,228,634.40	\$9,569,819.54	N/A	\$5,352,988.28	↑

## Components

Actual Information Description	File Name
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.
New combiner, cost per channel (without antenna)	Information not provided.

<p>UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 800 kW input, horizontally polarized</p>	<table> <tr> <td data-bbox="813 174 1133 208"><b>Component Description:</b></td><td data-bbox="1262 174 1500 327">overpayment in inter antenna category due to deductive change or (\$6,507.93)</td></tr> <tr> <td data-bbox="813 297 930 331"><b>Amount:</b></td><td></td></tr> <tr> <td data-bbox="813 436 1133 470"><b>Component Description:</b></td><td data-bbox="1262 436 1500 589">Pre-shipment deposit for KPXJ Interim Antenna Purchase</td></tr> <tr> <td data-bbox="813 555 930 589"><b>Amount:</b></td><td data-bbox="1262 555 1394 589">\$67,207.32</td></tr> <tr> <td data-bbox="813 694 1133 728"><b>Component Description:</b></td><td data-bbox="1262 694 1500 846">Interim Antenna Purchase</td></tr> <tr> <td data-bbox="813 772 930 806"><b>Amount:</b></td><td data-bbox="1262 772 1410 806">\$134,414.65</td></tr> <tr> <td data-bbox="813 911 1133 945"><b>Component Description:</b></td><td data-bbox="1262 911 1500 1104">Dielectric 110000000 UHF - Broadband Side Mount AUX / Interim TFU-24WB C160 C151.</td></tr> <tr> <td data-bbox="813 1108 930 1142"><b>Amount:</b></td><td data-bbox="1262 1108 1394 1142">\$67,207.32</td></tr> </table>	<b>Component Description:</b>	overpayment in inter antenna category due to deductive change or (\$6,507.93)	<b>Amount:</b>		<b>Component Description:</b>	Pre-shipment deposit for KPXJ Interim Antenna Purchase	<b>Amount:</b>	\$67,207.32	<b>Component Description:</b>	Interim Antenna Purchase	<b>Amount:</b>	\$134,414.65	<b>Component Description:</b>	Dielectric 110000000 UHF - Broadband Side Mount AUX / Interim TFU-24WB C160 C151.	<b>Amount:</b>	\$67,207.32
<b>Component Description:</b>	overpayment in inter antenna category due to deductive change or (\$6,507.93)																
<b>Amount:</b>																	
<b>Component Description:</b>	Pre-shipment deposit for KPXJ Interim Antenna Purchase																
<b>Amount:</b>	\$67,207.32																
<b>Component Description:</b>	Interim Antenna Purchase																
<b>Amount:</b>	\$134,414.65																
<b>Component Description:</b>	Dielectric 110000000 UHF - Broadband Side Mount AUX / Interim TFU-24WB C160 C151.																
<b>Amount:</b>	\$67,207.32																
Sweep test of existing 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.																

Side mount brackets for high power antennas (if not included in antenna base cost)	<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
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.		
UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, elliptically or circularly polarized	<b>Component Description:</b>		KPXJ Additional Materials
	<b>Amount:</b>		\$40,488.74
	<b>Component Description:</b>		Main Antenna purchase
	<b>Amount:</b>		\$48,167.71
	<b>Component Description:</b>		UHF - High Power Side Mount TV Antenna
	<b>Amount:</b>		\$61,701.06

UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	<b>Component Description:</b>		Main Antenna Purch
	<b>Amount:</b>		\$136,935.45
	<b>Component Description:</b>		This section has bee
			superseded and the
	<b>Amount:</b>		invoice moved.
			N/A
	<b>Component Description:</b>		This section has bee
			superceded and the
	<b>Amount:</b>		invoice moved.
			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	
<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	



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>	\$9,228,634.40	\$9,569,819.54	N/A	\$5,352,988.28	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> Transmission Line Co Interim Purchase</p> <p><b>Amount:</b> \$256,726.07</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>

Rigid Transmission Line - copper, 8 3/16"	<table> <tr> <td data-bbox="807 174 1114 208"><b>Component Description:</b></td><td data-bbox="1249 174 1501 286">KPXJ-310-Primary Transmission Line - 8 /16"" Rigid Copper</td></tr> <tr> <td data-bbox="807 297 916 331"><b>Amount:</b></td><td data-bbox="1249 297 1380 331">\$12,750.65</td></tr> <tr> <td data-bbox="807 432 1114 465"><b>Component Description:</b></td><td data-bbox="1249 432 1501 510">KPXJ Transmission L Coax Main</td></tr> <tr> <td data-bbox="807 521 916 555"><b>Amount:</b></td><td data-bbox="1249 521 1394 555">\$117,900.27</td></tr> <tr> <td data-bbox="807 656 1114 689"><b>Component Description:</b></td><td data-bbox="1249 656 1501 768">Dielectric 110000000; TRANSMISSION LINI RIGID</td></tr> <tr> <td data-bbox="807 779 916 813"><b>Amount:</b></td><td data-bbox="1249 779 1394 813">\$116,209.16</td></tr> </table>	<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	<b>Amount:</b>	\$117,900.27	<b>Component Description:</b>	Dielectric 110000000; TRANSMISSION LINI RIGID	<b>Amount:</b>	\$116,209.16
<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												
<b>Amount:</b>	\$117,900.27												
<b>Component Description:</b>	Dielectric 110000000; TRANSMISSION LINI RIGID												
<b>Amount:</b>	\$116,209.16												
Rigid Transmission Line - copper, 6 1/8"	<table> <tr> <td data-bbox="807 947 1114 981"><b>Component Description:</b></td><td data-bbox="1249 947 1501 981">Please reject this invc</td></tr> <tr> <td data-bbox="807 992 916 1025"><b>Amount:</b></td><td data-bbox="1249 992 1294 1025">N/A</td></tr> <tr> <td data-bbox="807 1126 1114 1160"><b>Component Description:</b></td><td data-bbox="1249 1126 1501 1205">Transmission Line Co Main</td></tr> <tr> <td data-bbox="807 1216 916 1249"><b>Amount:</b></td><td data-bbox="1249 1216 1394 1249">\$237,491.66</td></tr> </table>	<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				
<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	\$9,228,634.40	\$9,569,819.54	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:**

KPXJ-410-Existing  
Primary Tower -  
Complex Tower, Tow  
Equipment and Rigg  
\$38,707.30

**Amount:**

**Component Description:**

Antenna Services:  
Engineering, materia  
labor services, proje  
management and  
insurance to preform  
specified antenna  
installation services  
\$14,875.00

**Amount:**

**Component Description:**

KPXJ-410-Existing  
Primary Tower -  
Complex Tower, Tow  
Equipment and Rigg  
\$22,769.00

**Amount:**

**Component Description:**

Repack Antenna  
Installation  
\$109,291.20

**Amount:**

**Component Description:**

Clearing lane for TV  
tower crew @ Chanr  
3 TV tower  
\$1,000.00

**Amount:**

**Component Description:**

2. Existing Primary  
Tower, Complex Tow  
Tower Equipment ar  
Rigging, Repack  
Antenna Installation,  
Mobilization 25%,  
\$56,922.50

**Amount:**

Structural engineering tower load study for well documented tower	<table> <tr> <td data-bbox="821 174 1129 208"><b>Component Description:</b></td><td data-bbox="1262 174 1505 483">Analysis prepared for one (1) additional Load Case to determine conformance with the ANSI/TIA/EIA Standard 222-G with basic wire speeds required for the tower location.</td></tr> <tr> <td data-bbox="821 495 930 528"><b>Amount:</b></td><td data-bbox="1262 495 1382 528">\$1,800.00</td></tr> <tr> <td data-bbox="821 633 1129 667"><b>Component Description:</b></td><td data-bbox="1262 633 1505 667">Second Tower Analysis</td></tr> <tr> <td data-bbox="821 674 930 707"><b>Amount:</b></td><td data-bbox="1262 674 1382 707">\$1,800.00</td></tr> <tr> <td data-bbox="821 813 1129 846"><b>Component Description:</b></td><td data-bbox="1262 813 1505 1039">Analysis prepared for one additional Load Case to determine conformance with the ANSI/TIA/EIA Standard 222-G</td></tr> <tr> <td data-bbox="821 1050 930 1084"><b>Amount:</b></td><td data-bbox="1262 1050 1382 1084">\$1,800.00</td></tr> <tr> <td data-bbox="821 1189 1129 1223"><b>Component Description:</b></td><td data-bbox="1262 1189 1442 1223">Tower Analysis</td></tr> <tr> <td data-bbox="821 1229 930 1263"><b>Amount:</b></td><td data-bbox="1262 1229 1382 1263">\$8,420.00</td></tr> </table>	<b>Component Description:</b>	Analysis prepared for one (1) additional Load Case to determine conformance with the ANSI/TIA/EIA Standard 222-G with basic wire speeds required for the tower location.	<b>Amount:</b>	\$1,800.00	<b>Component Description:</b>	Second Tower Analysis	<b>Amount:</b>	\$1,800.00	<b>Component Description:</b>	Analysis prepared for one additional Load Case to determine conformance with the ANSI/TIA/EIA Standard 222-G	<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/EIA Standard 222-G with basic wire speeds required for the tower location.																
<b>Amount:</b>	\$1,800.00																
<b>Component Description:</b>	Second Tower Analysis																
<b>Amount:</b>	\$1,800.00																
<b>Component Description:</b>	Analysis prepared for one additional Load Case to determine conformance with the ANSI/TIA/EIA Standard 222-G																
<b>Amount:</b>	\$1,800.00																
<b>Component Description:</b>	Tower Analysis																
<b>Amount:</b>	\$8,420.00																
Serious tower reinforcement /modifications	<table> <tr> <td data-bbox="821 1402 1129 1435"><b>Component Description:</b></td><td data-bbox="1262 1402 1474 1473">70'-8" Ladder with Platform</td></tr> <tr> <td data-bbox="821 1480 930 1514"><b>Amount:</b></td><td data-bbox="1262 1480 1394 1514">\$19,532.00</td></tr> <tr> <td data-bbox="821 1619 1129 1653"><b>Component Description:</b></td><td data-bbox="1262 1619 1401 1653">Job# 39945</td></tr> <tr> <td data-bbox="821 1659 930 1693"><b>Amount:</b></td><td data-bbox="1262 1659 1358 1693">\$443.83</td></tr> <tr> <td data-bbox="821 1798 1129 1832"><b>Component Description:</b></td><td data-bbox="1262 1798 1505 1991">Job# 39946- manufactured a two piece custom ladder overall length galvanized to specs</td></tr> <tr> <td data-bbox="821 1998 930 2031"><b>Amount:</b></td><td data-bbox="1262 1998 1382 2031">\$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 Consultants, labor tower mods
<b>Amount:</b>	\$31,400.00

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

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

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

**Component Description:**

Cleanup work area  
around concrete slat

**Amount:**

\$400.00

Cost  
Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Justification
Outside Professional Services	\$609,532.25	\$600,888.00		\$419,413.00	
Attorney - Other Matters	\$2,531.25	\$2,531.25	Please see Estimated Cost Justification KPXJ-550-Attorney - Other Matters v1	\$2,531.25	1
Additional Field Engineering Service, 20 Days	\$40,000.00	\$40,000.00	N/A	N/A	1
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	1
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	1
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	1
NEPA Section 106 environmental review, if needed	\$6,310.00	\$6,000.00	N/A	N/A	1



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
Project management of the transition	\$404,796.00	\$403,944.25	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$403,944.25	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
<b>Sub-total</b>	\$609,532.25	\$600,888.00	N/A	\$419,413.00	1
<b>Total for all systems</b>	\$9,228,634.40	\$9,569,819.54	N/A	\$5,352,988.28	1

## Components

Actual Information Description	File Name
Attorney - Other Matters	<p><b>Component Description:</b> KPXJ-550-Attorney - Other Matters</p> <p><b>Amount:</b> \$500.00</p> <p><b>Component Description:</b> Legal services</p> <p><b>Amount:</b> \$750.00</p> <p><b>Component Description:</b> Legal Services</p> <p><b>Amount:</b> \$906.25</p> <p><b>Component Description:</b> Professional Services</p> <p><b>Amount:</b> \$125.00</p> <p><b>Component Description:</b> T.C. w/ G. Sirven, D. Cassidy re reimbursement issue:</p> <p><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	<b>Component Description:</b>  <b>Amount:</b>	Exchange e-mails re documentation of fee payment for KTBS S1 required to allow KPX transition constructor \$375.00
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	<b>Component Description:</b>  <b>Amount:</b>	KPXJ-550-Attorney - Prepare and File Lice to Cover Application (Main) \$1,687.50
	<b>Component Description:</b>  <b>Amount:</b>	Attorney fees to assis with Post Auction Req \$950.00
	<b>Component Description:</b>  <b>Amount:</b>	Attorney Fees for Regarding Channel Change \$525.00
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	<b>Component Description:</b>  <b>Amount:</b>	Attorney Fees associ with Construction Per \$3,500.00
Prepare request for Special Temporary Authorization	Information not provided.	

RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	<b>Component Description:</b>  <b>Amount:</b>	Assistance with engineering portion o license application for KPXJ-DT \$375.00  Attorney Fees Associated with FCC Form 399 \$375.00
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	<b>Component Description:</b>  <b>Amount:</b>	Engineering Work for Construction Permit \$1,750.00
Perform engineering study for new channel assignment and antenna development	<b>Component Description:</b>  <b>Amount:</b>	Engineering RF Analy \$650.00
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	
Project management of the transition	<b>Component Description:</b>  <b>Amount:</b>	Project Management \$9,061.70  Project Management \$3,039.85

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$375.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,286.25

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$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>	\$3,531.30

<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>	\$11,164.40

<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>	Outside Services, Prc Management of the Transition, Professior Services provided by TSG.
<b>Amount:</b>	\$57,825.00

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

<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>	\$3,008.55

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,330.10

<b>Component Description:</b>	Project management
<b>Amount:</b>	\$2,770.15

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

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

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

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

<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>	Legal services
<b>Amount:</b>	\$1,375.00

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



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

<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>	\$4,314.50

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

<b>Component Description:</b>	Legal services
<b>Amount:</b>	\$1,625.00

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

<b>Component Description:</b>	FCC 387 Quarterly reports
<b>Amount:</b>	\$225.00

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

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

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$11,198.70

	<b>Component Description:</b> <b>Amount:</b>	Project Management \$4,421.30
	<b>Component Description:</b> <b>Amount:</b>	Follow up re KPXJ transition status report \$125.00
	<b>Component Description:</b> <b>Amount:</b>	Project Management \$6,790.40
	<b>Component Description:</b> <b>Amount:</b>	Project Management \$3,918.65
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 Associated with Reimbursements \$625.00
	<b>Component Description:</b> <b>Amount:</b>	Attorney fees for discussing Channel Reassignment, Cores Registration and Form 1876 \$1,625.00
	<b>Component Description:</b> <b>Amount:</b>	Attorney fees for Pub Notice Reminder and Filings \$250.00



## 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
MVPD Notification of Channel Change	<i>\$2,000.00</i>	\$2,000.00	N/A	\$625.00	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	1
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
<b>Sub-total</b>	\$187,803.58	\$186,913.58	N/A	\$97,748.02	1
<b>Total for all systems</b>	\$9,228,634.40	\$9,569,819.54	N/A	\$5,352,988.28	1

### Components

Actual Information Description	File Name	
Road Repairs	<b>Component Description:</b> <b>Amount:</b>	KPXJ Driveway Restoration \$53,723.58
MVPD Notification of Channel Change	<b>Component Description:</b> <b>Amount:</b>	T.C. re MVPD addresses for notification of channel changes. \$250.00
	<b>Component Description:</b> <b>Amount:</b>	Professional Service Rendered \$375.00
Develop and air announcement of upcoming channel change	<b>Component Description:</b> <b>Amount:</b>	KPXJ-610-Develop & Air Channel Change Announcement \$93.75

Equipment Storage	<b>Component Description:</b> TSG Site Consolidat Equipment Storage Primary Transmitter <b>Amount:</b> \$19,861.07
Equipment Delivery and Handling Charges	<b>Component Description:</b> KPXJ-610-Equipmer Delivery and Handlin <b>Amount:</b> \$4,956.32
Disposal Costs (for equipment and other waste, net of any salvage value)	<b>Component Description:</b> Equipment Rentals <b>Amount:</b> \$3,609.55  <b>Component Description:</b> Cleanup work area around concrete slat <b>Amount:</b> \$400.00  <b>Component Description:</b> KPXJ-610-Disposal Costs <b>Amount:</b> \$9,562.50
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



Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems		\$9,228,634.40	\$9,569,819.54	\$5,352,988.20

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></p> <p>07/06/2021</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>  07/06/2021
--	--

## Attachments