



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **25577** | Service: **DTV** | Call **KESQ-TV** | Channel: **28 (UHF)** |
ID: | Sign:
File **0000027107**
Number:
FRN: **0001590330** | Date **07/26**
Submitted: **/2019**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
GULF-CALIFORNIA BROADCAST COMPANY Doing Business As: News-Press & Gazette Company	825 Edmond St. Saint Joseph, MO 64501 United States	+1 (816) 271-8505	tim.hannan@npgco.com	Corporation

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
The Preparer is same as the reimbursement contact.			

Broadcaster Information and Transition Plan

Question	Response
----------	----------

Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	Yes
Briefly describe transition plan	PERFORM STRUCTURAL ON TOWER AND REINFORCE TOWER AS NEEDED TO MEET REV-G. INSTALL TEMPORARY ANTENNA AND CONNECT EXISTING TRANSMITTER. REMOVE TRANSMISSION SYSTEM AND REPLACE WITH NEW ONE. SWEEP AND TEST SYSTEM. REMOVE OLD TRANSMITTER AFTER CUT OVER.

Transmitters

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

**Primary
Transmitter**

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	LX2000
	Year	2005
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	2 kW

**Primary
Transmitter**

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	ULXTE-16
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	10.8 kW
	Justification for New Transmitter	UBS, WHICH OWNS THE IP FORMERLY HELD BY THE MANUFACTURER (AXCERA, WHICH NO LONGER EXISTS), HAS INDICATED THAT THE EXISTING TRANSMITTER CANNOT PRODUCE THE NECESSARY POWER TO MEET THE NEW LICENSE, AND IT MUST BE REPLACED.

**Primary
Transmitter**

Other Transmitter Costs

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

Primary Transmitter **Other Transmitter Cost Not Listed**
Information not provided.

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	Top Mount
	Antenna position in stack	Top
	Polarization	Elliptical
	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)	42.0 kW

Manufacturer	
Model	SFN-2030-D-1
Year	2005

**Primary
Antenna**

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	Yes
	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 Stack
	Polarization	Elliptical
	Type	Broadband Slot
	Number of Stations Supported	4
	Number of Panels/Bays	8
	Lower Limit	470.00 MHz
	Upper Limit	700.00 MHz
	Design power capacity in use	50.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	42.0 kW
	Manufacturer	
	Model	SBB-E-8C170
	Year	2018

	Justification for New Antenna	EXISTING ANTENNA TUNED TO CHANNEL 42 AND CANNOT BE TUNED TO NEW FREQUENCY. MUST REPLACE WITH NEW ANTENNA ON ASSIGNED FREQUENCY.
--	-------------------------------	---

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Type	New
	Number of channels supported	4
	Frequencies of channels supported	RF channel
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	No
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No

Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes
-------------------	--	-----

Enter a list of RF channel numbers.

RF Channel Number
28
18
20
33

Primary Antenna

Other Antenna Cost Not Listed
Information not provided.

**Interim
Antenna**

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	Yes
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna Manufacturer and Type	Class	Class A
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Broadband Panel
	Number of Stations Supported	2
	Number of Panels/Bays	8
	Lower Limit	470.00 MHz
	Upper Limit	872.00 MHz
	Design power capacity in use	50.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	20.8 kW
	Manufacturer	
	Model	750 10402
	Year	2018

	Justification for New Antenna	INTERIM ANTENNA IS REQUIRED TO FACILITATE ONGOING OPERATIONS AS TOWER WORK, NEW FEED LINE AND NEW ANTENNA IS INSTALLED.
--	-------------------------------	---

Interim Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Type	New
	Number of channels supported	2
	Frequencies of channels supported	RF channel
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	No
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an antenna?	No
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Enter a list of RF channel numbers.

RF Channel Number
42
39

**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 New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	
	Type	Rigid
	Diameter	3 1/8 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	160 feet per run

Primary
Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Type	Flexible Air
	Diameter	3 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	130 feet per run
	Justification for New Transmission Line	EXISTING RIGID LINE DOES NOT SUPPORT THE NEWLY ASSIGNED FREQUENCY.

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 New
	Type	Flexible Air
	Diameter	1 5/8 inches
	Segment Length	N/A
	Other Segment Length	
	Number of parallel runs	1
	Length	200 feet per run
	Justification for New Transmission Line	NEED BACK UP LINE AS EXISTING LINES WILL BE REMOVED AND NEW RIGID LINE WILL BE INSTALLED. INTERIM ANTENNA NEEDS TO OPERATE WHILE NEW ANTENNA SYSTEM IS INSTALLED AND TESTED.

Interim	Other Transmission Line Expenses Not Listed
Transmission Line	Information not provided.

Tower Equipment And Rigging Costs

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

Primary Tower

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	Unknown
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1220472
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	33° 51' 58.1" N-
	Longitude (NAD83)	116° 26' 05.0" W-
	Overall Structure Height	88.91 feet
	Support Structure Height	60.04 feet
	Ground Elevation Above Mean Sea Level (AMSL)	1555.10 feet

	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	Gulf-California Broadcast Co
	Date Constructed	09/23/1968

**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
51207	KDFX-CD	DTV

Primary Tower

Tower Modification Costs

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

Primary Tower

Tower Rigging Costs

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

**Primary
Tower**

Other Tower Expenses Not Listed

Information not provided.

**Outside
Professional**

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	595
	Explanation	Please see attached quote from Widelity.
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting Services	Prepare and file Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No

	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	Yes
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

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

**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	No
	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
Attorney Fees and Other Matters	Legal Services

Cost Information

Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter ULXTE-16	\$508,900.00	\$274,398.02		\$182,605.46	
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	\$494,500.00	\$251,358.02	GatesAir invoice US0319019 and Quotes # Q-76811 and Q-80385; Justifying Quote - KESQ Repack turnkey budgetary proposal Rev. 3	\$159,565.46	N/A
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$23,040.00	see Justifying Quote - KESQ Repack turnkey budgetary proposal Rev. 3	\$23,040.00	N/A
Sub-total	\$508,900.00	\$274,398.02	N/A	\$182,605.46	N/A
Total for all systems	\$1,256,447.82	\$923,269.12	N/A	\$650,597.11	N/A

Components

Actual Information Description	File Name
--------------------------------	-----------

UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	<table> <tr> <td data-bbox="724 176 1027 210">Component Description:</td><td data-bbox="1166 176 1378 288">Installation of new transmitter and proof</td></tr> <tr> <td data-bbox="724 300 831 333">Amount:</td><td data-bbox="1166 300 1299 333">\$29,860.00</td></tr> <tr> <td data-bbox="724 434 1027 468">Component Description:</td><td data-bbox="1166 434 1289 468">ULXTE-16</td></tr> <tr> <td data-bbox="724 479 831 512">Amount:</td><td data-bbox="1166 479 1299 512">\$64,719.55</td></tr> <tr> <td data-bbox="724 613 1027 647">Component Description:</td><td data-bbox="1166 613 1299 680">ULXTE-16 Transmitter</td></tr> <tr> <td data-bbox="724 692 831 725">Amount:</td><td data-bbox="1166 692 1262 725">\$266.36</td></tr> <tr> <td data-bbox="724 826 1027 860">Component Description:</td><td data-bbox="1166 826 1299 904">ULXTE-16 Transmitter</td></tr> <tr> <td data-bbox="724 916 831 949">Amount:</td><td data-bbox="1166 916 1299 949">\$64,719.55</td></tr> </table>	Component Description:	Installation of new transmitter and proof	Amount:	\$29,860.00	Component Description:	ULXTE-16	Amount:	\$64,719.55	Component Description:	ULXTE-16 Transmitter	Amount:	\$266.36	Component Description:	ULXTE-16 Transmitter	Amount:	\$64,719.55
Component Description:	Installation of new transmitter and proof																
Amount:	\$29,860.00																
Component Description:	ULXTE-16																
Amount:	\$64,719.55																
Component Description:	ULXTE-16 Transmitter																
Amount:	\$266.36																
Component Description:	ULXTE-16 Transmitter																
Amount:	\$64,719.55																
Service entrance 3 phase /800 amp/208 volt	<table> <tr> <td data-bbox="724 1084 1027 1117">Component Description:</td><td data-bbox="1166 1084 1362 1117">Electrical system</td></tr> <tr> <td data-bbox="724 1128 831 1162">Amount:</td><td data-bbox="1166 1128 1299 1162">\$16,540.00</td></tr> <tr> <td data-bbox="724 1263 1027 1296">Component Description:</td><td data-bbox="1166 1263 1362 1330">Electrical service entrance</td></tr> <tr> <td data-bbox="724 1341 831 1375">Amount:</td><td data-bbox="1166 1341 1283 1375">\$6,500.00</td></tr> </table>	Component Description:	Electrical system	Amount:	\$16,540.00	Component Description:	Electrical service entrance	Amount:	\$6,500.00								
Component Description:	Electrical system																
Amount:	\$16,540.00																
Component Description:	Electrical service entrance																
Amount:	\$6,500.00																

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 Cost Justification
Interim Antenna 750 10402	\$101,010.00	\$26,420.28		\$6,241.38	
Sweep test of existing antenna	\$6,730.00	\$6,550.00	N/A	\$0.00	N/A
UHF " Broadband Panel, Side Mount Auxiliary /Interim, 21 horizontally polarized	<i>\$0.00</i>	\$0.00	PHANTOM ANTENNA	N/A	N/A
UHF - Lower Power Side Mount, Class A broadband panel (cost per panel)	\$10,080.00	\$6,241.38	Please see the Kathrein quote 20180490-2 and attached narrative for details.	\$6,241.38	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$13,628.90	Please see the Kathrein quote 20180490-2 and attached narrative for details.	N/A	N/A
Primary Antenna SBB-E-8C170	\$158,161.72	\$111,787.98		\$79,696.72	

Sweep test of existing antenna	\$6,730.00	\$12,465.00	Please see quote from RFS antennas 20067492 and Inv 1646795 / QT-EN and attached narrative for details; see Justifying Quote - KESQ Repack turnkey budgetary proposal Rev. 3	\$12,465.00	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$32,091.26	Per Estimated Cost Justification KESQ-TV-210-Primary Antenna-Combiner v0, KESQ 50% portion cost of the combiner. Please see quote from RFS antennas 20067492 and attached narrative for details.	\$0.00	N/A

UHF - High Power, Side Mount, basic slot antenna, 8 bay,, 42 kW input, directional,, elliptically or circularly polarized	\$67,231.72	\$67,231.72	Per RFS Invoice 16482058. Please see attached quote # 20067492 from RFS and attached narrative for details.	\$67,231.72	N/A
Sub-total	\$259,171.72	\$138,208.26	N/A	\$85,938.10	N/A
Total for all systems	\$1,256,447.82	\$923,269.12	N/A	\$650,597.11	N/A

Components

Actual Information Description	File Name
Sweep test of existing antenna	Information not provided.
UHF “ Broadband Panel, Side Mount Auxiliary /Interim, 21 horizontally polarized	Information not provided.
UHF - Lower Power Side Mount, Class A broadband panel (cost per panel)	Component Description: UHF TV Combiner System tuned for Narrowband inputs Amount: \$6,241.38
New combiner, cost per channel (without antenna)	Information not provided.

Sweep test of existing antenna	<table> <tr> <td data-bbox="713 174 1023 208">Component Description:</td><td data-bbox="1158 174 1374 286">KESQ-TV-210- Primary Antenna - Sweep Test</td></tr> <tr> <td data-bbox="713 297 826 331">Amount:</td><td data-bbox="1158 297 1278 331">\$6,465.00</td></tr> <tr> <td data-bbox="713 432 1023 465">Component Description:</td><td data-bbox="1158 432 1374 544">KESQ-TV-210- Primary Antenna - Sweep Test</td></tr> <tr> <td data-bbox="713 555 826 589">Amount:</td><td data-bbox="1158 555 1278 589">\$3,000.00</td></tr> <tr> <td data-bbox="713 689 1023 723">Component Description:</td><td data-bbox="1158 689 1358 801">Sweep transmission line and antenna</td></tr> <tr> <td data-bbox="713 813 826 846">Amount:</td><td data-bbox="1158 813 1278 846">\$3,000.00</td></tr> </table>	Component Description:	KESQ-TV-210- Primary Antenna - Sweep Test	Amount:	\$6,465.00	Component Description:	KESQ-TV-210- Primary Antenna - Sweep Test	Amount:	\$3,000.00	Component Description:	Sweep transmission line and antenna	Amount:	\$3,000.00
Component Description:	KESQ-TV-210- Primary Antenna - Sweep Test												
Amount:	\$6,465.00												
Component Description:	KESQ-TV-210- Primary Antenna - Sweep Test												
Amount:	\$3,000.00												
Component Description:	Sweep transmission line and antenna												
Amount:	\$3,000.00												
New combiner, cost per channel (without antenna)	Information not provided.												
UHF - High Power, Side Mount, basic slot antenna, 8 bay,, 42 kW input, directional,, elliptically or circularly polarized	<table> <tr> <td data-bbox="713 1088 1023 1122">Component Description:</td><td data-bbox="1158 1088 1369 1525">3 1/8" 50 ohm elbow, 90 degree, swivel flanged, reinforced inside and outside. Includes anchor insulator connector with anti-splitting device, "O" ring, hardware.</td></tr> <tr> <td data-bbox="713 1536 826 1570">Amount:</td><td data-bbox="1158 1536 1257 1570">\$612.42</td></tr> <tr> <td data-bbox="713 1671 1023 1704">Component Description:</td><td data-bbox="1158 1671 1289 1704">ANTENNA</td></tr> <tr> <td data-bbox="713 1715 826 1749">Amount:</td><td data-bbox="1158 1715 1294 1749">\$66,619.30</td></tr> </table>	Component Description:	3 1/8" 50 ohm elbow, 90 degree, swivel flanged, reinforced inside and outside. Includes anchor insulator connector with anti-splitting device, "O" ring, hardware.	Amount:	\$612.42	Component Description:	ANTENNA	Amount:	\$66,619.30				
Component Description:	3 1/8" 50 ohm elbow, 90 degree, swivel flanged, reinforced inside and outside. Includes anchor insulator connector with anti-splitting device, "O" ring, hardware.												
Amount:	\$612.42												
Component Description:	ANTENNA												
Amount:	\$66,619.30												

Cost Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmission Line	\$6,600.00	\$6,200.00		\$0.00	
Flexible Air Transmission Line - dielectric, 1 5/8"	\$6,600.00	\$6,200.00	N/A	N/A	N/A
Primary Transmission Line	\$7,670.00	\$5,684.24		\$5,684.24	
Flexible Air Transmission Line - dielectric, 3"	\$7,670.00	\$5,684.24	Please see quote from RFS antennas 20067492 and Inv 16467915 / 05/08/2018 / QT-EN and attached narrative for details.	\$5,684.24	N/A
Sub-total	\$14,270.00	\$11,884.24	N/A	\$5,684.24	N/A
Total for all systems	\$1,256,447.82	\$923,269.12	N/A	\$650,597.11	N/A

Components

Actual Information	
Description	File Name
Flexible Air Transmission Line - dielectric, 1 5/8"	Information not provided.

Flexible Air Transmission Line - dielectric, 3"	Component Description: Amount:	KESQ-TV-310- Primary Transmission Line - Flexible, 3" \$5,684.24
--	---	--

Cost Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower TOWER	\$268,500.00	\$305,445.00		\$287,945.00	
Minor tower reinforcement /modifications	\$158,000.00	\$198,485.00	JTD Consulting Invoice 47041S	\$198,485.00	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$26,960.00	see Justifying Quote - KESQ Repack turnkey budgetary proposal Rev. 3	\$26,960.00	N/A
Short Tower (less than 500')	\$84,200.00	\$80,000.00	Antenna system installation (short tower)	\$62,500.00	N/A
Sub-total	\$268,500.00	\$305,445.00	N/A	\$287,945.00	N/A
Total for all systems	\$1,256,447.82	\$923,269.12	N/A	\$650,597.11	N/A

Components

Actual Information Description	File Name
--------------------------------	-----------

Minor tower reinforcement /modifications	Component Description: KESQ-TV-410-Existing Primary Tower - Minor Tower Reinforcement /Modifications Amount: \$123,485.00 Component Description: Minor tower reinforcements Amount: \$75,000.00
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	Component Description: KESQ-TV-410-Existing Primary Tower - Tower Mapping Amount: \$14,460.00 Component Description: Tower mapping for undocumented tower Amount: \$12,500.00
Short Tower (less than 500')	Component Description: KESQ-TV-410-Existing Primary Tower - Tower Rigging, Short Tower Amount: \$22,500.00 Component Description: Antenna system installation (short tower) Amount: \$40,000.00

Cost Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$152,676.10	\$149,018.60		\$58,163.11	
Additional Repack Legal Services Not Otherwise Specified in Form 399	<i>\$6,906.10</i>	\$6,906.10	Brooks Pierce Invoices	\$6,906.10	N/A
Project management of the transition	\$94,010.00	\$99,675.00	Please see attached quote from Widelity.	\$42,653.15	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$3,666.36	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,250.00	N/A	N/A	N/A

Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$500.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$2,937.50	du Treil, Lundin & Rackley Invoices #242314 and #243032	\$2,937.50	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$1,500.00	N/A	\$1,500.00	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$500.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	N/A	N/A

RF Exposure Measurements	\$21,050.00	\$20,500.00	All costs for RF exposure measurements on shared equipment will be apportioned to KESQ-TV. See cover letter.	N/A	N/A
Sub-total	\$152,676.10	\$149,018.60	N/A	\$58,163.11	N/A
Total for all systems	\$1,256,447.82	\$923,269.12	N/A	\$650,597.11	N/A

Components

Actual Information	
Description	File Name
Additional Repack Legal Services Not Otherwise Specified in Form 399	Component Description: Repack legal services
	Amount: \$46.40
	Component Description: legal services
	Amount: \$442.80
	Component Description: Repack legal services
	Amount: \$244.70
	Component Description: Repack Legal Services
	Amount: \$27.84
	Component Description: Repack legal services
	Amount: \$1,187.20

Component Description:	Repack legal services
Amount:	\$603.20

Component Description:	Repack Legal Services
Amount:	\$27.84

Component Description:	Repack legal services
Amount:	\$371.20

Component Description:	Repack Legal Services for KESQ-TV
Amount:	\$603.20

Component Description:	Repack Legal Services for KESQ-TV
Amount:	\$403.60

Component Description:	Repack Legal Services for KESQ-TV
Amount:	\$1,168.80

Component Description:	Repack Legal Services for KESQ-TV
Amount:	\$1,636.70

	Component Description:	Non-Catalog Legal Services such as review of quarterly transition status reports and other miscellaneous non-catalog legal fees.
	Amount:	\$37.12
	Component Description:	Repack legal services
	Amount:	\$105.50
Project management of the transition	Component Description:	Project Management
	Amount:	\$3,038.00
	Component Description:	Project Management
	Amount:	\$4,386.30
	Component Description:	Project Management
	Amount:	\$3,496.55
	Component Description:	Project Management
	Amount:	\$4,567.35
	Component Description:	Project Management
	Amount:	\$4,122.75
	Component Description:	Project Management
	Amount:	\$7,223.65

	Component Description: Amount:	Project Management \$1,579.80
	Component Description: Amount:	Project Management \$4,118.85
	Component Description: Amount:	Cost Reconciliation \$5,071.20
	Component Description: Amount:	Project Management \$1,037.80
	Component Description: Amount:	Project Management \$4,010.90
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.	
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Component Description: Amount:	Repack filing and services 2017 \$1,375.00
	Component Description: Amount:	General repack services 2017. See "Repack Invoices Cover Memo" \$2,291.36
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	

Prepare and or review reimbursement form	Component Description: CA Palm Springs-Professional Services Amount: \$500.00
Perform engineering study for new channel assignment and antenna development	Component Description: Engineering study work for new channel assignment an antenna development. Amount: \$875.00
	Component Description: Professional Services Amount: \$1,250.00
	Component Description: Professional Services Amount: \$500.00
	Component Description: "Calculation of replication transmitter power output requirement based on FCC issued replication facility effective radiated power." Amount: \$250.00
	Component Description: Engineering study work for new channel assignment and antenna development. Amount: \$62.50

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description: Engineering study work for new channel assignment and antenna development. Amount: \$1,500.00
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
Prepare request for Special Temporary Authorization	Information not provided.
Attorney Fees - Prepare and File request for Special Temporary Authorization	Component Description: KESQ-TV-550-Attorney - Special Temporary Authorization Amount: \$136.80
RF Exposure Measurements	Information not provided.

Cost
Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$52,930.00	\$44,315.00		\$30,124.40	
Attorney Fees and Other Matters	\$2,000.00	\$2,000.00	N/A	\$374.40	N/A
Equipment Storage	\$3,500.00	\$3,500.00	N/A	\$2,400.00	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$21,800.00	\$21,800.00	per Justifying Quote - KESQ Repack turnkey budgetary proposal Rev. 3	\$21,800.00	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	\$325.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$2,950.00	N/A	N/A	N/A
MVPD Notification of Channel Change	\$2,500.00	\$2,500.00	N/A	\$750.00	N/A

Develop and air announcement of upcoming channel change	\$750.00	\$750.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	\$4,800.00	\$4,800.00	see Justifying Quote - KESQ Repack turnkey budgetary proposal Rev. 3	\$4,800.00	N/A
Local Zoning	\$5,500.00	\$5,500.00	COST FOR DRAFTING, SUBMISSION AND FILING FEES FOR NECESSARY BUILDING PERMITS ASSOCIATED WITH TOWER MODIFICATIONS.	N/A	N/A
Sub-total	\$52,930.00	\$44,315.00	N/A	\$30,124.40	N/A
Total for all systems	\$1,256,447.82	\$923,269.12	N/A	\$650,597.11	N/A

Components

Actual Information	
Description	File Name
Attorney Fees and Other Matters	Component Description: legal services Amount: \$374.40
Equipment Storage	Component Description: KESQ-TV-610-Equipment Storage Amount: \$2,400.00

Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description: KESQ-TV-610-Disposal Costs Amount: \$21,800.00
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	Information not provided.
MVPD Notification of Channel Change	Component Description: Prepare letters to MVPDs. Amount: \$750.00
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Delivery and Handling Charges	Component Description: KESQ-TV-610-Equipment Delivery and Handling Amount: \$4,800.00
Local Zoning	Information not provided.

Cost Information	Grand Total		
		Predetermined Cost Estimate	Estimated Cost
			Actual Cost
	Total for all systems	\$1,256,447.82	\$923,269.12
			\$650,597.11

Reimbursement Status	Question	Response
	The facility has ceased operating on its pre-auction channel.	No
	Construction of final facilities or all necessary modifications are complete.	No
	All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator.	No

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.	
		1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.	

4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.	
I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	James W. DeChant <i>VP of Technology</i> 07/26/2019

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).	
		1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. 3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.	

4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD) .
6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission. 9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.	
I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	James W. DeChant <i>VP of Technology</i> 07/26/2019

Attachments