Approved by OMB (Office of Management and Budget) 3060-1178

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID: **10242** | Service: **DTV** | Call Sign: **KQCA** | Channel: **23 (UHF)**

File Number: **0000026714**

FRN: **0001587583** | Date Submitted: **04/02/2020**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
HEARST STATIONS INC. Doing Business As: HEARST STATIONS INC.	PO Box 1800 RALEIGH, NC 27601 United States	+1 (919) 839-0300	shartzell@brookspierce.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	see attached transition plan document

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	Sigma CD3200P2
	Year	2005
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	50 kW

Primary Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	ULXTE-40
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	25.3 kW
	Justification for New Transmitter	Existing IOT transmitter cannot be converted to post-transition channel, see GatesAir EOL and HTV IOT to Solid-State Justification statements. An IOT replacement is more expensive than proposed SS transmitter. See attached Comark IOT Transmitter quote.

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	150 kVA
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	See attached quote for transmitter installation electrical service
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 leashold 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

Name	Description
Heat Exchanger Filters	Filters for transmitter heat exchangers needed due to environmental conditions
Change Order	required changes to transmitter configuration and services
RF Accessories	Additional RF components required for transmitter operation and integration into current RF environment
Sales Tax	sales tax
Transmitter Remote Control	equipment to integrate repack transmitter into current transmitter remote control
Electrical Accessories	Surge protection required by manufacturer
Shipping	transmitter shipping

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	Retune Existing
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Owner	American Tower Corp.
	Site	N/A
	Is the existing antenna shared with another station or stations?	Yes
	Is the existing antenna directional?	No
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Bottom
	Polarization	Horizontal
	Type	Broadband Panel
	Number of Stations Supported	3
	Number of Panels	80
	Design power capacity in use	45.0 %

Lower Limit	502.00 MHz
Upper Limit	678.00 MHz
Other Antenna Type	N/A
ERP: (Effective Radiated Power)	600.0 kW
Manufacturer	Dielectric
Model	DeltastarTUG-05-16/80H-2-B
Year	2003

Facility ID's and Call Signs of all stations with whom the antenna is shared.

Facility ID	Call Sign
51499	KMAX-TV
33875	KCRA-TV

Primary Antenna

Adjustment to Existing Antenna

Section	Question	Response
Sweep Test of Existing Antenna	Do you need a sweep test of existing antenna?	Yes

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	3
	Frequencies of channels supported	RF channel
	Frequency	N/A

Enter a list of RF channel numbers.

RF Channel Number
23
24
35

Primary Antenna

Other Antenna Cost Not Listed

Information not provided.

Auxiliary Antenna

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Auxiliary (Backup)
	Description of Use	backup to main antenna
	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?	No
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)	790.0 kW
Manufacturer	
Model	TFU-24DSB-C170
Year	2010

Auxiliary Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Auxiliary (Backup)
	Description of Use	Aux and interim use
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	425.0 kW
	Manufacturer	

	Model	TFU-28DSC-RO4
	Year	2019
	Justification for New Antenna	Current antenna is channel specific and cannot be used on post-transition channel. Antenna must be replaced.

Auxiliary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	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
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	7 3/16 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	Yes

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

Auxiliary Antenna

Other Antenna Cost Not Listed

Name	Description
Sales Tax	Antenna sales tax
Shipping	Antenna shipping

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	Utilize Existing
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Owner	American Tower Corp.
	Site	N/A
	Is the existing transmission line shared with another station or stations?	Yes
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	Dielectric
	Type	Rigid
	Diameter	7 3/16 inches
	Other Diameter	N/A
	Segment Length	Broadband
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	2200 feet per run

Facility ID's and Call Signs of all stations with whom the transmission line is shared.

Facility ID	Call Sign
51499	KMAX-TV
33875	KCRA-TV

Primary Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
void	entered row to satisfy form

Auxiliary Transmission Line

Existing Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Backup
	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	7 3/16 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1800 feet per run

Auxiliary Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Auxiliary (Backup)
	Description of Use	backup
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	Rigid
	Diameter	7 3/16 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1800 feet per run
	Justification for New Transmission Line	Current transmission line segment length is not compatible with post-transition channel and must be replaced.

Auxiliary Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Line sweep	Sweep transmission line to determine if usable on post-transition channel
Sales Tax	

	estimated sales tax based on California and local sales tax rate of 8.25%
Shipping	transmission line shipping

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?	Yes
	Is tower compliant with Rev G?	Yes
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1015686
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	38° 15' 54.0" N-
	Longitude (NAD83)	121° 29' 28.0" W-
	Overall Structure Height	2000.30 feet
	Support Structure Height	1904.83 feet
	Ground Elevation Above Mean Sea Level (AMSL)	0.00 feet

	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	Hearst Stations Inc.
	Date Constructed	10/01/1985

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
52953	KSPX-TV	DTV
33875	KCRA-TV	DTV
51499	KMAX-TV	DTV

Primary Tower

Tower Modification Costs

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

Primary Tower

Tower Rigging Costs

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

Primary Tower

Other Tower Expenses Not Listed

Name	Description
Tower Consulting	Tower consulting and tower project management

Outside Professional Services Costs

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	380
	Explanation	Need RF and design experience not available in-house.
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	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	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	Yes
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes

	For Auxiliary Facility	Yes
	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
Transmitter Site Survey	Transmitter planning survey & transmitter building drawings
Non-Catalog legal expenses	Non-Catalog expenses for legal advice and services, including financial/reimbursement review, transition reporting, transition procedures, and other transition-related issues

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	No
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	Yes
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	No
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	No
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	No
	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
Contract Labor	labor directly related to the station channel change

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-40	**$1,225,345.33**	**$1,124,309.27**		**$1,123,471.05**	
Change Order	***$19,830.14***	$19,830.14	***System Notice: Estimate adjusted and locked because line has been superseded. ***required changes to transmitter configuration	$19,830.14	N/A
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	$947,000.00	$865,643.94	N/A	$864,805.72	N/A
Heat Exchanger Filters	***$4,985.00***	$4,985.00	filters for heat exchanges needed due to environmental conditions	$4,985.00	N/A
Electrical Accessories	***$3,075.53***	$3,075.53	Required by transmitter manufacturer. See related quotes.	$3,075.53	N/A
Transmitter Remote Control	***$7,468.94***	$7,468.94	equipment needed to integrate repack transmitter	$7,468.94	N/A

			into current transmitter remote control system		
Sales Tax	***$68,647.08***	$68,647.08	sales tax per GatesAir transmitter quote	$68,647.08	N/A
Transformer 3 phase /480v - 150 KVA	$25,550.00	$5,870.00	N/A	$5,870.00	N/A
Other Electrical Service: See attached quote for transmitter installation electrical service	***$65,130.00***	$65,130.00	transmitter installation electrical service per attached quote	$65,130.00	N/A
RF Accessories	***$72,220.30***	$72,220.30	Additional RF components required for replacement transmitter operation. .	$72,220.30	N/A
Shipping	***$11,438.34***	$11,438.34	Transmitter shipping	$11,438.34	N/A
Sub-total	$1,225,345.33	$1,124,309.27	N/A	$1,123,471.05	N/A
Total for all systems	$3,040,847.19	$2,594,333.34	N/A	$2,432,912.36	N/A

Components

Actual Information Description	File Name
Change Order	

	Component Description:	KQCA change order Q-74972 equipment
	Amount:	$19,830.14
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	**Component Description:**	KQCA transmitter plumbing installation 2
	Amount:	$15,537.00
	Component Description:	KQCA transmitter plumbing installation 4
	Amount:	$3,552.48
	Component Description:	KQCA cooling system manifold replacement
	Amount:	$1,000.00
	Component Description:	KQCA transmitter plumbing installation 1
	Amount:	$34,443.26
	Component Description:	KQCA transmitter prior to shipment
	Amount:	$299,022.29
	Component Description:	Second Deposit on Transmitter
	Amount:	$215,264.19
	Component Description:	KQCA transmitter installation
	Amount:	$64,099.19

	Component Description: **Amount:**	KQCA transmitter delivery $122,523.37
	Component Description: **Amount:**	KQCA transmitter plumbing installation 3 $13,510.00
	Component Description: **Amount:**	Deposit on Transmitter $95,853.94
Heat Exchanger Filters	**Component Description:** **Amount:**	KQCA heat exchanger filters $4,985.00
Electrical Accessories	**Component Description:** **Amount:**	KQCA transmitter electrical transfer switch $1,133.04
	Component Description: **Amount:**	KQCA transmitter surge suppressor $1,942.49
Transmitter Remote Control	**Component Description:** **Amount:**	KQCA transmitter remote control equipment $7,468.94
Sales Tax	**Component Description:** **Amount:**	KQCA transmitter sales tax 1 $68,647.08

Transformer 3 phase/480v - 150 KVA	**Component Description:** **Amount:**	KQCA transmitter transformer $5,870.00
Other Electrical Service: See attached quote for transmitter installation electrical service	**Component Description:** **Amount:**	KQCA transmitter electrical installation 2 $9,769.50
	Component Description: **Amount:**	KQCA transmitter electrical installation 1 $48,847.50
	Component Description: **Amount:**	KQCA transmitter electrical installation 3 $6,513.00
RF Accessories	**Component Description:** **Amount:**	KQCA transmitter RF accessories $72,220.30
Shipping	**Component Description:** **Amount:**	KQCA transmitter shipping $11,438.34

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
Primary Antenna DeltastarTUG-05-16/80H-2-B	**$90,930.00**	**$293,142.06**		**$238,252.24**	
Sweep test of existing antenna	$6,730.00	$6,400.00	N/A	N/A	N/A
New combiner, cost per channel (without antenna)	$84,200.00	$286,742.06	See attached quote. There are currently two combiners with switching so this quote is a like-for-like replacement of the existing system. One existing combiner is a CIF and replacing it with a manifold combiner saves $$ and time.	$238,252.24	N/A
Auxiliary Antenna TFU-28DSC-RO4	**$265,061.74**	**$260,676.24**		**$237,786.78**	
Side mount	$23,150.00	$0.00	Side mount	$0.00	N/A

brackets for high power antennas (if not included in antenna base cost)			brackets per attached Dielectric quote		
Sales Tax	***$17,255.25***	$17,255.25	California sales tax	$17,255.25	N/A
Elbow complex, single channel, at antenna input, per 7 3 /16. feedline (if needed)	$13,900.00	$0.00	N/A	$0.00	N/A
Sweep test of existing antenna	$6,730.00	$6,400.00	N/A	$0.00	N/A
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	$189,500.00	$222,494.50	***System Notice: Estimate adjusted and locked because line has been superseded. ***	$206,005.04	N/A
Shipping	***$14,526.49***	$14,526.49	Shipping per Dielectric invoice	$14,526.49	N/A
Sub-total	$355,991.74	$553,818.30	N/A	$476,039.02	N/A
Total for all systems	$3,040,847.19	$2,594,333.34	N/A	$2,432,912.36	N/A

Components

Actual Information Description	File Name
Sweep test of existing antenna	Information not provided.

New combiner, cost per channel (without antenna)	**Component Description:** **Amount:**	KQCA combiner 1 /3 down payment $95,580.69
	Component Description: **Amount:**	KQCA combiner delivery $47,090.86
	Component Description: **Amount:**	KQCA combiner 1 /3 prior to ship $95,580.69
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.	
Sales Tax	**Component Description:** **Amount:**	KQCA antenna sales tax $15,368.12
	Component Description: **Amount:**	KQCA antenna sales tax 2 $1,887.13
Elbow complex, single channel, at antenna input, per 7 3/16. feedline (if needed)	Information not provided.	
Sweep test of existing antenna	Information not provided.	
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	**Component Description:** **Amount:**	KQCA Dielectric Aux antenna; 45% payment prior to ship $103,002.52

	Component Description:	KQCA Dielectric Aux antenna; payments 1&2 - 45%; $103,002.52
	Amount:	$103,002.52
Shipping		
	Component Description:	KQCA antenna shipping
	Amount:	$14,526.49

Cost Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmission Line	**$0.00**	**$0.00**		**$0.00**	
void	***$0.00***	$0.00	N/A	N/A	N/A
Auxiliary Transmission Line	**$595,792.26**	**$401,680.97**		**$400,674.24**	
Shipping	***$42,364.26***	$42,364.26	per Dielectric invoices	$42,364.26	N/A
Line sweep	***$6,000.00***	$6,000.00	Test transmission line to determine if it will work on post-transition channel	$6,000.00	N/A
Sales Tax	***$25,428.00***	$25,428.00	sales tax based on California and local sales tax rate of 8.25%	$24,421.27	N/A
Rigid Transmission Line - copper, 7 3 /16"	$522,000.00	$327,888.71	per Dielectric invoices	$327,888.71	N/A
Sub-total	$595,792.26	$401,680.97	N/A	$400,674.24	N/A
Total for all systems	$3,040,847.19	$2,594,333.34	N/A	$2,432,912.36	N/A

Components

Actual Information Description	File Name
void	Information not provided.
Shipping	**Component Description:** KQCA additional TL shipping 1 **Amount:** $1,658.22 **Component Description:** KQCA transmission line shipping **Amount:** $24,232.50 **Component Description:** KQCA additional TL shipping 2 **Amount:** $1,658.22 **Component Description:** KQCA TL xfmr shipping **Amount:** $80.00 **Component Description:** KQCA additional TL hangers shipping **Amount:** $3,239.81 **Component Description:** KQCA additional TL shipping **Amount:** $11,495.51
Line sweep	**Component Description:** KQCA transmission line sweep **Amount:** $6,000.00
Sales Tax	

	Component Description:	KQCA transmission line sales tax
	Amount:	$24,037.32
	Component Description:	KQCA TL xfmr sales tax
	Amount:	$383.95
Rigid Transmission Line - copper, 7 3/16"	**Component Description:**	KQCA additional TL elbows
	Amount:	$7,627.50
	Component Description:	KQCA additional TL 1
	Amount:	$2,730.00
	Component Description:	KQCA additional TL
	Amount:	$7,695.00
	Component Description:	KQCA TL xfmr
	Amount:	$4,388.00
	Component Description:	KQCA transmission line
	Amount:	$22,874.30
	Component Description:	KQCA additional TL hangers
	Amount:	$5,177.25

Component Description:	KQCA Dielectric Aux Transmission line; payments 1&2 - 45%; $138,698.33
Amount:	$138,698.33
Component Description:	KQCA auxiliary transmission line 45% payment prior to ship
Amount:	$138,698.33

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	**$649,100.00**	**$300,622.04**		**$299,909.04**	
Major tower reinforcement /modifications	$421,000.00	$0.00	restudied the tower under new load conditions and no modifications are required	N/A	N/A
Tall Tower (greater than 500')	$210,500.00	$269,622.04	per BEI invoices	$269,622.04	N/A
Tower Consulting	***$5,000.00***	$5,000.00	tower consulting - quote attached	$4,287.00	N/A
Structural engineering tower load study for well documented tower	$12,600.00	$26,000.00	see invoices	$26,000.00	N/A
Sub-total	$649,100.00	$300,622.04	N/A	$299,909.04	N/A
Total for all systems	$3,040,847.19	$2,594,333.34	N/A	$2,432,912.36	N/A

Components

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

Tall Tower (greater than 500')	**Component Description:**	KQCA antenna and line installation completion payment
	Amount:	$94,692.00
	Component Description:	KQCA antenna and line installation change order
	Amount:	$32,892.04
	Component Description:	KQCA antenna & line installation down payment
	Amount:	$23,673.00
	Component Description:	KQCA antenna & line installation progress payment
	Amount:	$118,365.00
Tower Consulting	**Component Description:**	KQCA tower consulting August 2019
	Amount:	$200.00
	Component Description:	KQCA tower consulting September 2019
	Amount:	$200.00
	Component Description:	KQCA tower consulting 2
	Amount:	$150.00

	Component Description:	KQCA tower consulting invoice 1
	Amount:	$3,287.00
	Component Description:	KQCQ tower consulting 3
	Amount:	$450.00
Structural engineering tower load study for well documented tower	**Component Description:**	KQCA feasibility structural evaluation 1
	Amount:	$11,250.00
	Component Description:	KQCA tower feasibility structural analysis
	Amount:	$11,250.00
	Component Description:	KQCA Invoice 2 for tower structural analysis. Supporting quote provided
	Amount:	$1,750.00
	Component Description:	KQCA invoice 1 for tower structural analysis. Supporting quote provided
	Amount:	$1,750.00

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 Co Justificat
Outside Professional Services	**$160,295.00**	**$160,179.90**		**$97,634.10**	
Non-Catalog legal expenses	***$20,000.00***	$20,000.00	Non-Catalog expenses for legal advice and services, including financial /reimbursement review, transition reporting, transition procedures, and other transition-related issues	$7,367.22	N/A
Transmitter Site Survey	***$20,600.00***	$20,600.00	Transmitter Site Survey. Quote with description attached.	$20,600.00	N/A
RF Exposure Measurements	$21,050.00	$20,000.00	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
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 - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	$4,210.00	$4,000.00	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	$2,062.12	N/A
Prepare request for Special Temporary Authorization	$2,050.00	$1,500.00	N/A	N/A	N/A
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	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	$1,580.00	$1,500.00	N/A	N/A	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering	$2,105.00	$2,000.00	N/A	$1,050.00	N/A

section of FCC Form 2100, Construction Permit Application					
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	$3,155.00	$3,000.00	N/A	$1,450.00	N/A
Perform engineering study for new channel assignment and antenna development	$7,360.00	$7,000.00	N/A	$437.50	N/A
Address transition timing and coordination issues w/ other stations and wireless	$2,630.00	$2,500.00	N/A	N/A	N/A
Prepare and or review reimbursement form	$2,630.00	$2,500.00	N/A	$1,337.36	N/A
Project management of the transition	$60,040.00	$63,329.90	Per attached TI Digital invoices	$63,329.90	N/A
Sub-total	$160,295.00	$160,179.90	N/A	$97,634.10	N/A
Total for all systems	$3,040,847.19	$2,594,333.34	N/A	$2,432,912.36	N/A

Components

Actual Information Description	File Name
Non-Catalog legal expenses	

	Component Description: **Amount:**	KQCA non-catalog legal 3 $1,081.00
	Component Description: **Amount:**	KQCA non-catalog legal 2 $3,690.02
	Component Description: **Amount:**	KQCA non-catalog legal expenses 4/1/2017-4/30/2018 $2,596.20
Transmitter Site Survey	**Component Description:** **Amount:**	KQCA GatesAir Site Survey $20,600.00
RF Exposure Measurements	Information not provided.	
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.	
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.	
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	Information not provided.	
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	**Component Description:** **Amount:**	KQCA Prepare and File FCC Form 2100, Construction Permit Application 2 $1,054.52

	Component Description: **Amount:**	KQCA legal- Prepare and File FCC Form 2100, Construction Permit Application $1,007.60
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	Information not provided.	
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	**Component Description:** **Amount:**	KQCA RF consulting for auxiliary antenna construction permit $1,050.00
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	**Component Description:** **Amount:**	prepare engineering section for construction permit application $1,450.00
Perform engineering study for new channel assignment and antenna development	**Component Description:** **Amount:**	Engineering study for new channel assignment $437.50
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	

Prepare and or review reimbursement form	**Component Description:**	KQCA legal- Prepare and/or review reimbursement Form 399
	Amount:	$1,037.30
	Component Description:	KQCA Prepare and /or review reimbursement Form 399 2
	Amount:	$300.06
Project management of the transition	**Component Description:**	KQCA project management November 2017
	Amount:	$297.50
	Component Description:	KQCA project management January 2018
	Amount:	$318.75
	Component Description:	KQCA project management July 2017
	Amount:	$472.50
	Component Description:	KQCA project management May 2017
	Amount:	$560.00
	Component Description:	KCRA Project Management October 2016
	Amount:	$610.98

Component Description:	KQCA project management January 2020
Amount:	$15,539.10
Component Description:	KQCA project management October 2019
Amount:	$506.11
Component Description:	KQCA project management June 2019
Amount:	$607.36
Component Description:	KQCA project management December 2019
Amount:	$2,391.18
Component Description:	KQCA project management May 2019
Amount:	$1,419.03
Component Description:	KCQA project management 13
Amount:	$280.00
Component Description:	KQCA project management September 2017
Amount:	$210.00
Component Description:	KQCA project management June 2016
Amount:	$848.14

Component Description:	KQCA project management September 2016
Amount:	$114.44
Component Description:	KQCA project management 28
Amount:	$894.86
Component Description:	KQCA project management November 2016
Amount:	$691.25
Component Description:	KQCA project management 24
Amount:	$375.00
Component Description:	KQCA project management 33
Amount:	$6,768.37
Component Description:	KQCA project management 23
Amount:	$75.00
Component Description:	KQCA project management February 2018
Amount:	$75.00
Component Description:	KQCA project management 30
Amount:	$359.35

Component Description: KQCA project management 32

Amount: $1,980.45

Component Description: KQCA project management 4 (half of original invoice)

Amount: $175.00

Component Description: KQCA project management January and February 2016

Amount: $177.53

Component Description: KQCA project management 29

Amount: $6,304.96

Component Description: KQCA project management September 2019

Amount: $112.50

Component Description: KQCA project management August 2017

Amount: $700.00

Component Description: KQCA project management January 2017

Amount: $1,111.25

Component Description:	KQCA: Project Management March 2018
Amount:	$131.25
Component Description:	KQCA project management April 2017
Amount:	$367.50
Component Description:	KQCA project management March 2017
Amount:	$665.00
Component Description:	KQCA project management December 2016
Amount:	$175.00
Component Description:	KQCA project management 25
Amount:	$75.00
Component Description:	KQCA project management 31
Amount:	$9,785.65
Component Description:	KQCA project management 26
Amount:	$956.25
Component Description:	KQCA project management 27
Amount:	$6,536.14

Component Description:	KQCA project management December 2017
Amount:	$225.00
Component Description:	KQCA project management October 2017
Amount:	$437.50

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	**$54,322.86**	**$53,722.86**		**$35,184.91**	
Equipment Storage	***$30,500.00***	$30,500.00	Estimate for 1 year of antenna & line storage	$21,136.25	N/A
FCC Filing Fees - Form 2100 license to cover application	$335.00	$325.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 minor change CP application	$1,110.00	$1,070.00	N/A	N/A	N/A
Contract Labor	***$4,209.46***	$4,209.46	accounting labor directly related to the Spectrum Repack project	$4,209.46	N/A
MVPD Notification of Channel Change	***$4,118.40***	$4,118.40	Attorney assistance in coordinating MVPD notification	$4,118.40	N/A
Develop and air announcement of upcoming channel change	***$2,500.00***	$2,500.00	Attorney review to ensure FCC compliance	N/A	N/A

DTV Medical Facility Notification	$11,550.00	$11,000.00	N/A	$5,720.80	N/A
Sub-total	$54,322.86	$53,722.86	N/A	$35,184.91	N/A
Total for all systems	$3,040,847.19	$2,594,333.34	N/A	$2,432,912.36	N/A

Components

Actual Information Description	File Name	
Equipment Storage	**Component Description:** **Amount:**	KQCA antenna and transmission line storage $15,990.00
	Component Description: **Amount:**	KQCA transmitter storage $5,146.25
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.	
Contract Labor	**Component Description:** **Amount:**	KQCA accounting labor $4,209.46
MVPD Notification of Channel Change	**Component Description:** **Amount:**	KQCA MVPD notifications $4,118.40
Develop and air announcement of upcoming channel change	Information not provided.	

DTV Medical Facility Notification	**Component Description:** **Amount:**	KQCA medical notifications $5,720.80

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	$3,040,847.19	$2,594,333.34	$2,432,912.36

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.	**John Drain** *Hearst Television SVP Chief Financial Officer*

		04/02/2020

Certification

Section	Question	Response
Submission of Actual Cost Documentation Statements	WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISIONMENT (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.	**Douglas Durkee** *Hearst Television Manager of Spectrum Repack* 04/02/2020

Attachments