

(REFERENCE COPY - Not for submission)

#### FCC Form 399: Reimbursement Request

Facility 35584 Service: DTV Call KSAX Channel: 24 (UHF)

Sign:

0000025416

Number:

ID:

File

FRN: **0002629566** Date **08/28** 

Submitted: /2020

## Applicant Information

#### **Applicant Name, Type, and Contact Information**

Applicant	Address	Phone	Email	Applicant Type
KSAX-TV, INC. Doing Business As: KSAX-TV, INC.	Ryan Vandewiele 3415 UNIVERSITY AVE., WEST ST. PAUL, MN 55114 United States	+1 (651) 642-4334	RVandewiele@hbi. com	Corporation

### Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

#### Preparer Contact Information

#### **Preparer Contact Name and Information**

Applicant	Address	Phone	Email
Charles R. Naftalin LEGAL COUNSEL HOLLAND & KNIGHT LLP	Charles Naftalin Holland & Knight, 800 17th Street, NW Suite 1100 Washington, DC 20006	+1 (202) 955- 3000	charles. naftalin@hklaw.com
	United States		

#### 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	The station will replace its owned antenna on its existing tower with a new antenna on a top-mounted omni-directional pylon on a supporting pole. The station also expects to require an interim antenna to avoid notable service disruptions. See Exhibit 1.

#### **Transmitters**

rs	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	
Manufacturer and Type	Model	DHD-15P1
	Year	2002
	Туре	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	15 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?	No
	Manufacturer	
	Model	THU9evo-4
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	6.5 kW
	Justification for New Transmitter	Current primary solid state transmitter has been classified by manufacturer as unable to be re-tuned to new UHF channel. Price includes new exciters and mask filter.

#### Primary Transmitter

#### **Other Transmitter Costs**

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

	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	Electrical service related to a transformer of a size not specified above.
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Туре	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 Transmittor

**Other Transmitter Cost Not Listed** 

**Transmitter** Information not provided.

#### **Antennas**

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

#### **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?	No
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna	Class	Full Power
Manufacturer and Type	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	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)	80.0 kW

Manufacturer	
Model	TFU-25J
Year	1985

#### **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?	No
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna	Class	Full Power
Manufacturer and Types	Mounting	Top Mount
	Antenna position in stack	Тор
	Polarization	Elliptical
	Туре	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)	55.3 kW
	Manufacturer	

Model	ATW22H3- ETO-24L
Year	2017
Justification for New Antenna	Existing antenna is unable to be re-tuned to new repacked channel. See Exhibit 1.

#### **Other Antenna Costs**

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	
	Туре	
	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	4 1/16 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	
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	Yes
	transmission line and 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?	No
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna	Class	Full Power
Manufacturer and Type	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	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)	80.0 kW
	Manufacturer	
	Model	ALP32L3- HSO-42
	Year	2017

Justification for New Antenna	Interim
	antenna is
	necessary
	to avoid
	loss of
	broadcast
	service
	during
	transition to
	new
	(repacked)
	channel.
	See Exhibit
	1.

#### Interim Antenna

#### **Other Antenna Costs**

Section	Question	Response
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?	Yes
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

#### Interim Antenna

**Other Antenna Cost Not Listed** 

Information not provided.

Transmission <sup>Seffien</sup>	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

# Primary Transmission Line

#### **Existing Transmission Line**

on 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	
	Туре	Waveguide
	Diameter	N/A
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	11.95 feet
	Number of parallel runs	1
	Length	1250 feet per run

#### Primary Transmissio

#### **New Transmission Line**

on 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?	No
	Туре	Rigid
	Diameter	4 1/16 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1200 feet per run
	Justification for New Transmission Line	Current transmission line could not be used due to frequency change. See Exhibit 1.

Primary Other Transmission Line Expenses Not Listed Transmission Loine tion not provided.

#### **New Transmission Line** Interim

Transmission	n Line Section	Question	Response
	New Transmission Line	Use	Interim
	Costs	Description of Use	N/A
		Change Type	Purchase New
		Туре	Rigid
		Diameter	6 1/8 inches
		Segment Length	20'
		Other Segment Length	
		Number of parallel runs	1
		Length	1100 feet per run
		Justification for New Transmission Line	Additional transmission line needed for interim facility to facilitate smooth transition to new channel. See Exhibit 1.

Other Transmission Line Expenses Not Listed Interim

Transmission loine tion 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?	No
	One or more FM, AM or TV radio broadcaster(s)	N/A
	Others Types of Users	N/A
	Is tower documented for structural analysis?	No
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure	Do you have a tower registration number?	Yes
Registration	ASR Number	1025694
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	45° 41' 59.0" N-
	Longitude (NAD83)	095° 10' 36.0" W-
	Overall Structure Height	1191.91 fee
	Support Structure Height	1139.75 fee
	Ground Elevation Above Mean Sea Level (AMSL)	1356.94 fee

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	KSAX-TV, INC.
Date Constructed	09/01/1987

#### 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?	Yes

#### 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?	No
	Number of Hours	N/A
	Explanation	N/A
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	Prepare and file Form FCC Construction Permit Application	Yes
Services	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
RF Field Engineering Services	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	No
	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	Yes
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

#### Outside Professional

#### Other Professional Services Expenses Not Listed

Services Costs	Description
Coverage Verification, Interim Antenna	Coverage verification (field study) for interim antenna operations. See Exhibit 1.
Internal Staff Work	See Exhibit 1.
RF exposure measurements, interim antenna	RF exposure measurements for interim antenna operations. See Exhibit 1.
Outside Legal Analysis and Advice	Analysis and guidance provided by outside legal counsel with respect to repacking deadlines and other FCC requirements.  See Exhibit 2 (Jan 2018).

# 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	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
Transmitter control	Remote control needed to comply with FCC requirements for main studio control of transmitters.
Sales Tax	Minnesota state and local taxes

## **Cost** Information

#### **Transmitters**

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

Description Primary Transmitter THU9evo-4	Predetermined Cost Estimate \$286,170.00	Estimated Cost \$286,170.00	Estimated Cost Justification	Actual Cost \$278,504.95	Actual Cost Justification
UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW	\$273,500.00	\$273,500.00	N/A	\$265,834.95	N/A
Other Electrical Service: Electrical service related to a transformer of a size not specified above.	\$12,670.00	\$12,670.00	N/A	\$12,670.00	N/A
Sub-total	\$286,170.00	\$286,170.00	N/A	\$278,504.95	N/A
Total for all systems	\$1,948,897.51	\$1,907,500.79	N/A	\$1,300,185.15	N/A

#### Components

Actual Information Description	File Name
UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW	

Component Description: One cable

attenuator for connnecting nonlinear sample to transmitter; one cable for

monitoring forward RF power; and one cable for monitoring

reflected power.

**Amount:** \$480.63

Component Description: Materials for

transmission line components that will connect the new channel 24 transmitter to the new channel 24 antenna.

**Amount:** \$2,158.88

**Component Description:** Materials are for

transmission line components that will connect the new channel 24 transmitter to the new channel 24

antenna.

**Amount:** \$5,532.11

Component Description: Work performed

on primary transmitter.

**Amount:** \$145,711.10

Component Description: Work performed

on primary transmitter.

**Amount:** \$24,285.19

Component Description: Work performed

on the primary transmitter.

**Amount:** \$72,855.55

Component Description: One of multiple

invoices under PO #106640 for the

KSAX new

primary channel 24 transmitter.

**Amount:** \$14,811.49

Other Electrical Service: Electrical service related to a transformer of a size not specified above.

Component Description: Work performed

on the station's

primary transmitter.

**Amount:** \$2,670.00

Component Description: Work performed

on the station's

primary transmitter.

**Amount:** \$10,000.00

# **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 ALP32L3- HSO-42	\$124,540.00	\$95,926.70		\$70,792.93	
UHF - Lower Power Side Mount, One station antenna - medium power (50- 200 kW), horizontally polarized	\$89,400.00	\$68,245.32	N/A	\$60,588.55	N/A
Sweep test of existing antenna	\$6,730.00	\$10,204.38	Please see attached letter dated April 29, 2019.	\$10,204.38	Please see letter attached to Electronics Research, Inc., - Inv 52367 dated November 30, 2018.
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$14,977.00	N/A	N/A	N/A

Pattern scatter analysis for side mount high/med power antenna base cost)   Primary Antenna ATW22H3-ETO-24L						
Antenna ATW22H3-ETO-24L  UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized  Elbow \$9,570.00 \$5,000.00 N/A	scatter analysis for side mount high/med power antennas (if not included in antenna	\$5,260.00	\$2,500.00	N/A	N/A	N/A
Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized  Elbow \$9,570.00 \$5,000.00 N/A N/A N/A N/A Complex, single channel, at antenna input, per 4 1/16. feedline (if needed)  Sweep test of existing antenna  Sub-total \$430,340.00 \$349,649.88 N/A \$285,662.93 N/A  Total for \$1,948,897.51 \$1,907,500.79 N/A \$1,300,185.15 N/A all	Antenna ATW22H3-	\$305,800.00	\$253,723.18		\$214,870.00	
complex, single channel, at antenna input, per 4 1/16. feedline (if needed)  Sweep test \$6,730.00 \$6,400.00 N/A \$6,250.00 N/A of existing antenna  Sub-total \$430,340.00 \$349,649.88 N/A \$285,662.93 N/A  Total for \$1,948,897.51 \$1,907,500.79 N/A \$1,300,185.15 N/A all	Power Top Mount (200-1000 kW), One station antenna, elliptically or circularly	\$289,500.00	\$242,323.18	N/A	\$208,620.00	N/A
of existing antenna  Sub-total \$430,340.00 \$349,649.88 N/A \$285,662.93 N/A  Total for \$1,948,897.51 \$1,907,500.79 N/A \$1,300,185.15 N/A all	complex, single channel, at antenna input, per 4 1/16. feedline (if	\$9,570.00	\$5,000.00	N/A	N/A	N/A
<b>Total for</b> \$1,948,897.51 \$1,907,500.79 N/A \$1,300,185.15 N/A <b>all</b>	of existing	\$6,730.00	\$6,400.00	N/A	\$6,250.00	N/A
all	Sub-total	\$430,340.00	\$349,649.88	N/A	\$285,662.93	N/A
	all	\$1,948,897.51	\$1,907,500.79	N/A	\$1,300,185.15	N/A

Actual Information Description	File Name	
UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	Component Description:	Portion of invoice for work performed on interim antenna.
	Amount:	\$22,987.50
	Component Description: Amount:	Please disregard. N/A
	Component Description:	Portion of invoice for work performed on interim antenna.
	Amount:	\$37,601.05
Sweep test of existing antenna	Component Description:	Portion of work regarding the system sweep of the interim
	Amount:	antenna. \$3,125.00
	Component Description:	Portion of invoice regarding system sweep of the interim antenna.
	Amount:	\$3,125.00
	Component Description:	Portion of invoice regarding sweep test of the interim antenna.
	Amount:	\$3,954.38

Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.

**UHF** - High Power Top Mount (200-1000 kW), One station antenna, elliptically or circularly polarized

Portion of invoice **Component Description:** 

for work

performed on the primary antenna.

Amount: \$45,186.00

**Component Description:** Remove existing

> primary 42 top mount antenna and install new Ch. 24 top mount antenna and transmission line.

Amount: \$45,000.00

**Component Description:** Work performed

> on the primary antenna.

**Amount:** \$15,062.00

**Component Description:** Portion of invoice

> for work performed on primary antenna. Please see attached cover

letter.

Amount: \$90,372.00

**Component Description:** Please disregard

**Amount:** N/A

**Component Description:** 

Amount:

Please disregard

N/A

**Component Description:** Installation of 50'

ERI top mounted

TV antenna.

**Amount:** \$13,000.00

Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	Information not provided.	
Sweep test of existing antenna	Component Description:	Portion of invoice regarding sweep test of the primary antenna.
	Amount:	\$1,875.00
	Component Description:	Work performed on sweep test.
	Amount:	\$625.00
	Component Description:	Portion of invoice for work performed on
	Amount:	sweet test of primary antenna. \$3,750.00

## **Cost** Information

#### **Transmission Line**

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

Description Interim Transmission Line	Predetermined Cost Estimate \$222,200.00	Estimated Cost \$177,998.00	Estimated Cost Justification	Actual Cost \$170,740.74	Actual Cost Justification
Rigid Transmission Line - copper, 6 1/8"	\$222,200.00	\$177,998.00	N/A	\$170,740.74	N/A
Primary Transmission Line	\$170,400.00	\$118,725.40		\$123,109.37	
Rigid Transmission Line - copper, 4 1 /16"	\$170,400.00	\$118,725.40	Please see attached quote for the updated cost information, which remains far less than the default cost for this line item.	\$123,109.37	N/A
Sub-total	\$392,600.00	\$296,723.40	N/A	\$293,850.11	N/A
Total for all systems	\$1,948,897.51	\$1,907,500.79	N/A	\$1,300,185.15	N/A

#### Components

<b>Actual Information</b>		
Description	File Name	

Rigid Transmission Line -		
copper, 6 1/8"	Component Description:	Portion of invoice for work performed on interim transmission line.
	Amount:	\$87,528.05
	Component Description:	Portion of invoice for work performed on interim transmission line.
	Amount:	\$87,528.05
	Component Description: Amount:	Credit Invoice (\$4,315.36)
Rigid Transmission Line - copper, 4 1/16"	Component Description: Amount:	Credit Invoice (\$1,074.81)
	Component Description:	Portion of invoice
		for work performed on primary transmission line.
	Amount:	\$35,617.62
	Component Description:	Hardware and tools needed for installing transmission line on KSAX transmitter.
	Amount:	\$45.76

**Component Description:** Equipment for the

> station's primary transmission line.

Amount: \$2,181.74

**Component Description:** Work performed

> on the primary transmission line.

Amount: \$10,797.73

**Component Description:** Flanged elbows

for primary

transmission line.

Amount: \$1,303.56

**Component Description:** Portion of invoice

for work

performed on

primary

transmission line.

\$71,235.24 Amount:

**Component Description:** Cost of additional

> parts for the station's primary transmission line.

\$3,002.53 Amount:

### **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 Primary Tower TOWER	Predetermined Cost Estimate \$481,800.00	Estimated Cost \$462,000.00	Estimated Cost Justification	Actual Cost \$201,963.55	Actual Cost Justification
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	N/A	\$120,963.55	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$25,000.00	N/A	\$7,000.00	N/A
Tower Helicopter Lift	\$87,000.00	\$87,000.00	N/A	\$74,000.00	N/A
Tall Tower (greater than 500')	\$210,500.00	\$200,000.00	N/A	N/A	N/A
Sub-total	\$481,800.00	\$462,000.00	N/A	\$201,963.55	N/A
Total for all systems	\$1,948,897.51	\$1,907,500.79	N/A	\$1,300,185.15	N/A

#### Components

Actual Information Description	File Name
Minor tower reinforcement /modifications	

Component Description: Design structural

modifications as required by

structural analysis

results and prepare modification working drawings and technical

specification notes.

**Amount:** \$7,000.00

Component Description: Work performed

regarding the installation of the interim antenna, including labor, subsistence, job materials and tax.

**Amount:** \$62,052.72

Component Description: Modification

materials per

Malouf

Engineering

(includes tax).

**Amount:** \$6,790.83

Component Description: Perform structural

analysis and engineering report.

**Amount:** \$6,000.00

Component Description: Perform top

section, plate structural analysis and structural reanalysis of site for new scenario.

**Amount:** \$5,500.00

	Component Description:  Amount:	Costs to remove side mounted interim TV antenna, 6" rigid coax line, hangers, and all associated hardware from KSAX tower. \$23,000.00
	Component Description:  Amount:	Items for tower modification to allow structure to support the primary and interim antennas. \$33,620.00
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	Component Description: Amount:	Tower mapping \$7,000.00
Tower Helicopter Lift	Component Description:  Amount:	Helicopter rental for placement of 50' antenna. The helicopter lift was determined to be necessary to meet the FCC repacking deadline. See attached letter and quotes. \$74,000.00
Tall Tower (greater than 500')	Information not provided.	

## **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 C Justifica
Outside Professional Services	\$270,071.50	\$425,386.50		\$191,711.62	
RF exposure measurements, interim antenna	\$20,000.00	\$20,000.00	See Exhibit 1.	N/A	N/
Coverage Verification, Interim Antenna	\$80,000.00	\$80,000.00	See Exhibit 1.	N/A	N/
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$3,600.00	Please see quote attached to invoices.	\$2,601.00	N/
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$7,173.25	See Exhibit 2. Unexpected additional costs resulted from necessary changes in repacked facility and post- filing follow-up with the FCC to address issues in online database.	\$7,173.25	See Exh Neces change include revisio initi repace facility a as follo regare applicate FCC sy among matte

Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	N/A	N/
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$750.00	N
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$500.00	N.
Prepare and or review reimbursement form	\$2,630.00	\$156,371.75	See Exhibit 2 (January 2018) and quote attached to invoices.	\$152,858.75	See Ex Costs in signif revision reimburs form of change repact facility of an responde FCC re (and ch

Outside Legal Analysis and Advice	\$16,067.50	\$16,067.50	These costs were incurred in obtaining advice from outside counsel regarding the FCC requirements other than the Form 2100 or reimbursement, including periodic progress reports, repacking deadlines and other FCC requirements. See Exhibit 2.	\$15,725.50	See Ex
Internal Staff Work	\$20,674.00	\$20,674.00	See Exhibit 1.	\$4,724.62	Althorsubtotal greater appression additional
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	N

Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$8,500.00	See quote attached to invoices.	\$5,628.50	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$1,750.00	N/#
Sub-total	\$270,071.50	\$425,386.50	N/A	\$191,711.62	N/A
Total for all systems	\$1,948,897.51	\$1,907,500.79	N/A	\$1,300,185.15	N/£

#### Components

Actual Information Description	File Name	
RF exposure measurements, interim antenna	Information not provided.	
Coverage Verification, Interim Antenna	Information not provided.	
RF Exposure Measurements	Information not provided.	
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Component Description:  Amount:	Portion of invoice relevant to preparation of license to cover application. \$2,601.00
	Amount:	<b>⊅∠,0U1.UU</b>

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application

Component Description: Portion of invoice

relevant to preparation of

construction permit application.

**Amount:** \$217.00

Component Description: Portion of invoice

relevant to

construction permit

work.

**Amount:** \$1,356.25

Component Description: Portion of invoice

(as appropriately allocated and marked on invoice)

relevant to

construction permit

work.

**Amount:** \$513.50

Component Description: Portion of invoice

(including allocations as marked on invoice)

relevant to

construction permit

work.

**Amount:** \$4,639.50

Component Description: Portion of invoice

(as appropriately allocated on

invoice) relevant to

construction permit

work.

**Amount:** \$447.00

Prepare request for Special Temporary Authorization

Information not provided.

Prepare engineering section of FCC Form 2100 **Component Description:** Preparation of (main), License to Cover technical portion of Application application for license to cover construction permit for re-pack channel 24. Amount: \$750.00 Prepare engineering section of FCC Form 2100 **Component Description:** Portion allocable to (main), Construction Permit relevant line item. Application The selected attachment has requested detail. Please ignore other versions of Invoice 240733. Amount: \$500.00 Prepare and or review reimbursement form **Component Description:** Invoice relevant to preparation of reimbursement form. **Amount:** \$12,607.00 **Component Description:** Invoice relevant to preparation of reimbursement form. **Amount:** \$4,025.00 **Component Description:** Invoice relevant to preparation of reimbursement form. **Amount:** \$5,158.00

Component Description: Invoice relevant to

preparation of reimbursement

form.

**Amount:** \$10,823.00

Component Description: Portion of invoice

relevant to preparation of reimbursement

form.

**Amount:** \$378.00

Component Description: Portion of invoice

relevant to preparation of reimbursement

form.

**Amount:** \$1,198.00

Component Description: Portion of invoice

relevant to preparation of reimbursement

form.

**Amount:** \$3,434.50

Component Description: Portion of invoice

relevant to preparation of reimbursement

form.

**Amount:** \$8,234.50

Component Description: Portion of invoice

relevant to preparation for reimbursement

form.

**Amount:** \$159.00

relevant to review and preparation of reimbursement

form.

**Amount:** \$5,141.00

Component Description: Portion of invoice

relevant to preparation of reimbursement

form.

**Amount:** \$8,960.50

Component Description: Portion of invoice

relevant to review and preparation of reimbursement

form.

**Amount:** \$658.50

Component Description: Portion of invoice

relevant to preparation of reimbursement

form.

**Amount:** \$7,085.50

Component Description: Portion of invoice

relevant to preparation of reimbursement

form.

**Amount:** \$4,101.50

Component Description: Portion of invoice

relevant to review and preparation of reimbursement

form.

**Amount:** \$1,716.00

relevant to preparation of reimbursement

form.

**Amount:** \$1,903.50

Component Description: Portion of invoice

relevant to preparation of reimbursement

form.

**Amount:** \$4,657.00

Component Description: Portion of invoice

relevant to preparation of reimbursement

form.

**Amount:** \$1,990.50

Component Description: Portion of invoice

relevant to preparation of reimbursement

form.

**Amount:** \$3,115.50

Component Description: Portion of invoice

relevant to review and preparation of reimbursement

form.

**Amount:** \$5,370.00

Component Description: Portion of invoice

relevant to review and preparation of reimbursement

form.

**Amount:** \$6,523.00

relevant to preparation of reimbursement

form.

**Amount:** \$7,349.50

Component Description: Portion of form

relevant to the review and preparation of reimbursement

form.

**Amount:** \$3,542.00

Component Description: Portion of invoice

relevant to preparation of reimbursement

form.

**Amount:** \$562.00

Component Description: Portion of invoice

relevant to preparation of reimbursement

form.

**Amount:** \$2,358.50

Component Description: Portion of invoice

relevant to preparation of reimbursement

form.

**Amount:** \$79.50

relevant to preparation of reimbursement

form.

**Amount:** \$981.00

Component Description: Portion of invoice

relevant to preparation of reimbursement

form.

**Amount:** \$2,553.50

Component Description: Portion of invoice

relevant to review and preparation of reimbursement

form.

**Amount:** \$8,196.50

Component Description: Portion of invoice

relevant to review and preparation of reimbursement information, including

responses to FCC

requests.

**Amount:** \$4,338.00

Component Description: Portion of invoice

relevant to

preparation and

review of

reimbursement forms, including responding to further FCC requests.

**Amount:** \$252.50

relevant to reimbursement

form.

**Amount:** \$1,991.00

Component Description: Portion of invoice

relevant to review and preparation of reimbursement

form.

**Amount:** \$13,829.00

Component Description: Portion of invoice

relevant to preparation of reimbursement

form.

**Amount:** \$1,230.50

Component Description: Portion of invoice

relevant to preparation of reimbursement

form.

**Amount:** \$354.00

Component Description: Portion of invoice

relevant to preparation of reimbursement

forms

**Amount:** \$244.25

Component Description: Portion of invoice

relevant to preparation of reimbursement

request

**Amount:** \$7,757.50

Outside Legal Analysis and Advice

Component Description: Portion of invoice

relevant to FCC

transition requirement.

**Amount:** \$715.50

Component Description: Portion of invoice

relevant to FCC

transition requirement.

**Amount:** \$3,796.50

Component Description: Portion of invoice

relevant to FCC

transition requirement.

**Amount:** \$155.00

Component Description: Portion of invoice

relevant to FCC

transition requirement.

**Amount:** \$342.00

Component Description: Portion of invoice

relevant to FCC

transition requirement.

**Amount:** \$459.50

Component Description: Portion of invoice

relevant to FCC

transition requirement.

**Amount:** \$1,009.00

relevant to FCC

transition requirement.

**Amount:** \$1,026.00

Component Description: Portion of invoice

relevant to FCC

transition requirement.

**Amount:** \$1,539.00

Component Description: Portion of invoice

relevant to FCC

transition requirement.

**Amount:** \$835.50

Component Description: Portion of invoice

relevant to FCC

transition requirement.

**Amount:** \$79.50

Component Description: Portion of invoice

relevant to FCC

transition requirement.

**Amount:** \$265.50

Component Description: Portion of invoice

relevant to FCC

transition requirement.

**Amount:** \$1,840.00

relevant to FCC

transition requirement.

**Amount:** \$1,111.50

Component Description: Portion of invoice

relevant to FCC

transition requirement.

**Amount:** \$366.00

**Component Description:** 

Amount:

Please disregard.

N/A

**Component Description:** Fee for attorney

work regarding
FCC repacking
requirements,

including transition progress reports

**Amount:** \$118.00

Component Description: Portion of invoice

relevant to FCC

transition requirement.

**Amount:** \$2,067.00

Internal Staff Work

Component Description: This material

document

summarizes costs, as reimbursed by licensee parent, for travel expenses for

trip to KSAX antenna site. Supporting

documentation for all expenses

reimbursed is also attached. See also Exhibit 2a per staff

request.

**Amount:** \$222.91

Component Description: Including pay stubs

from an entity that is commonly owned with the licensee KSAX-TV,

Inc.

**Amount:** \$1,098.12

Component Description: Including pay stubs

from an entity that is commonly owned with the licensee of KSAX-

TV, Inc.

**Amount:** \$1,777.57

Component Description: Expenses related

to repack project.

**Amount:** \$343.25

Component Description: Ed Smith travel

expenses (July

2018)

**Amount:** \$353.82

Component Description: Copy and

document expenses for blueprint creation and transmission for new KSAX

facility.

**Amount:** \$5.00

Component Description: Cannot delete cost

component section.

Please disregard.

Amount: N/A

Component Description: Including pay stubs

from an entity that

is commonly owned with the licensee of KSAX-

TV, Inc.

**Amount:** \$923.95

Comprehensive coverage verification via field study, if needed

Information not provided.

Attorney Fees - Prepare and File request for Special Temporary Authorization

Component Description: Portion of invoice

relevant to STA application.

**Amount:** \$1,669.00

Component Description: Portion of invoice

relevant to

preparation of STA

application.

**Amount:** \$556.50

Component Description: Portion of invoice

relevant to STA application.

**Amount:** \$1,506.50

Component Description: Portion of invoice

relevant to

preparation of STA

application.

**Amount:** \$1,896.50

Perform engineering study for new channel assignment and antenna development

Component Description: Engineering

consultation for KSAX-TV FCC repack channel assignment.

**Amount:** \$4,568.24

Component Description: Portion allocable to

relevant line item.
The selected
attachment also
has requested
detail. Please
ignore other

versions of Invoice

240733.

**Amount:** \$1,000.00

Component Description: Work performed

regarding STA request for interim

antenna.

**Amount:** \$750.00

# **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 Cost Justification
Other Expenses	\$87,916.01	\$87,571.01		\$48,491.99	
Sales Tax	\$19,604.02	\$19,604.02	N/A	\$19,604.02	N/A
Equipment Delivery and Handling Charges	\$35,200.00	\$35,200.00	See Exhibit 1.	\$18,972.06	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$7,146.00	\$7,146.00	See Exhibit 1.	\$900.00	N/A
Equipment Storage	\$4,205.99	\$4,205.99	N/A	\$4,530.91	Equipment storage costs were slightly higher than initially budgeted because equipment had to be stored longer than expected due to certain construction delays that were outside the control of the licensee.

Develop and air announcement of upcoming channel change	\$4,580.00 \$4,100.00 \$87,916.01	\$4,580.00 \$4,100.00 \$87,571.01	See Exhibit 1. See Exhibit 1.	N/A N/A \$48,491.99	N/A N/A
air announcement of upcoming channel			1. See Exhibit		
	\$4,580.00	\$4,580.00		N/A	N/A
Transmitter control					
MVPD Notification of Channel Change	\$1,000.00	\$1,000.00	See Exhibit 1.	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$3,750.00	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$335.00	N/A	\$335.00	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$400.00	Pursuant to FCC rules, the fee for filing STA applications is \$200.	\$400.00	N/A

#### Components

<b>Actual Information</b>		
Description	File Name	

Sales Tax Sales tax **Component Description:** Amount: \$89.62 **Component Description:** Sales tax for the primary antenna and transmission line. Amount: \$19,514.40 **Equipment Delivery and Handling Charges Component Description:** Freight cost for additional parts for the station's primary transmission line. Amount: \$128.22 **Component Description:** Portion of invoice regarding equipment delivery and handling charges (interim antenna and transmission line). Amount: \$4,208.63 **Component Description:** Freight Amount: \$466.14 **Component Description:** Freight for primary transmission line. \$655.90 Amount: Shipping cost to **Component Description:** site \$55.00 Amount:

regarding equipment delivery and handling charges (interim antenna and transmission

line).

**Amount:** \$4,208.63

Component Description: Freight for

transmitter equipment.

**Amount:** \$9.00

Component Description: Please disregard

Amount: N/A

Component Description: Portion of invoice

regarding
equipment
delivery and
handling charges
(primary antenna
and transmission

line).

**Amount:** \$8,250.54

Component Description: Telehandler and

forklift rental to load and unload equipment. Mr. Malecha owns the land where the KSAX tower is

located.

**Amount:** \$990.00

Disposal Costs (for equipment and other waste,		
net of any salvage value)	Component Description:	Tele-handler and
		dumpster rental (including tax)
	Amount:	\$900.00
Equipment Storage		
	Component Description:	Equipment
		storage
		(December 2018)
	Amount:	\$299.26
	Component Description:	Equipment
		storage.
	Amount:	\$299.26
	Component Description:	Equipment
	Component Secondina.	storage.
	Amount:	\$299.26
	Component Description:	Please see
		attached cover
		letter.
	Amount:	\$299.26
	Component Description:	Please see
		attached cover
		letter.
	Amount:	\$270.75
	Component Description:	Equipment
		storage.
	Amount:	\$299.26
	Component Description:	Equipment
		SIGNAGE LAUGUST

Amount:

storage (August

2019)

\$299.26

Component Description: Storage

equipment

(August 2018)

**Amount:** \$299.26

Component Description: Equipment

storage (July

2019).

**Amount:** \$299.26

Component Description: Equipment

storage (October

2019)

**Amount:** \$299.26

Component Description: Equipment

storage.

**Amount:** \$299.26

Component Description: Storage

equipment

(November 2018)

**Amount:** \$299.26

**Component Description:** Storage

equipment

(September 2018)

**Amount:** \$299.26

Component Description: Please see

attached cover

letter.

**Amount:** \$369.78

Component Description: Storage

equipment

(October 2018)

**Amount:** \$299.26

FCC Filing Fees - Special Temporary Authorization request	Component Description:	STA application filing fee.
	Amount:	\$200.00
	Component Description:	STA application filing fee
	Amount:	\$200.00
FCC Filing Fees - Form 2100 license to cover	Component Description:	License to cover
application		application filing
	Amount:	fee. \$335.00
	Amount.	φοσο.σσ
DTV Medical Facility Notification	Component Description:	Medical
		notification
	A	mailing.
	Amount:	\$3,750.00
MVPD Notification of Channel Change	Information not provided.	
Transmitter control	Information not provided.	
Develop and air announcement of upcoming channel change	Information not provided.	

# Cost Information

#### **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$1,948,897.51	\$1,907,500.79	\$1,300,185.15

Reimbursem	entestiatus	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

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 abovenamed applicant for the Authorization(s) specified above. Ryan Vandewiele Vice President

08/28/2020

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).

- 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.
- The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.
- 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 abovenamed applicant for the Authorization(s) specified above. Ryan Vandewiele Vice President

08/28/2020

#### **Attachments**