

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility 35525 Service: DTV Call KQDS-TV Channel: 18 (UHF)

ID:

Sign:

File **0000027522**

Number:

FRN: **0034576454** Date **03/25**

Submitted: /2019

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
KQDS ACQUISITION CORP. Doing Business As: KQDS ACQUISITION CORP.	Kathy Lau P. O. BOX 9115 FARGO, ND 58106 United States	+1 (701) 277-1515	KLAU@KVRR. 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

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.	No
Briefly describe transition plan	Design, engineer and plan. 2. Install interim transmitter and antenna. 3. Decommission existing transmitter and associated appurtenances operating on channel 17. 4. Build new transmitter and associated appurtenances operating on

Transmitters

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

channel 18.

Primary Transmitter

Add 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	DCX Millennium
	Year	2006
	Туре	Inductive Output Tube
	IOT Power Type	Three
	Power Capacity	76.1 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	HPTV- PARLX-U48
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	76.1 kW
	Justification for New Transmitter	Comark has sent notification that the DCX series has reached end of life status. See attachment "Comark EOL" for details The cost to purchase a solid state transmitter is lower than the cost to replace with IOT. See attachment "Comark IOT Quote"

Primary Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	Yes
	Size	4 inches
	Length	200.0 feet
	Other Electrical Service	No
	Description	N/A
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 Transmitter

Other Transmitter Cost Not Listed

Name	Description
Telemetry	Monitor and remote control of transmitter

State and Local Taxes	MN State and Local Sales Taxes
Site Visit	Layout and design of installation includes sweep of old feedline

Interim Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Interim
	Description of Use	N/A
	Change Type	Purchase
	Manufacturer	
	Model	HPTV- PRLX-U12
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	25 kW
	Justification for New Transmitter	This will minimize service interruption and keep us on the air while the main transmitter is built on the new channel.

Interim 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	Yes
	Size	2 inches
		'

	Length	50.0 feet
	Other Electrical Service	Yes
	Description	Install AC mains feed to the interim transmitter.
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Heating and Cooling
	Size	10 tons
	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
Inside RF System	Is an additional interior RF system required to support this interim transmitter?	Yes

Interim Transmitter

Other Transmitter Cost Not Listed

Name	Description
State and Local Taxes	MN State and City Sales Taxes

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?	Yes
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Тор
	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)	1000.0 kW

Manufacturer	
Model	TFU- 20GTH-R 04
Year	2006

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?	Yes
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)	1000.0 kW
	Manufacturer	
		1

Model	TFU- 28GTH O4A
Year	2018
Justification for New Antenna	Current antenna is single channel operation on channel 17. We will require an antenna capable of transmitting on channel 18.

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	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	7 3/16 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No

Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Other Antenna Cost Not Listed

Name	Description
State and Local Taxes	State and local sales tax, est. 8.375%
Support pole	to maintain current center of radiation
Top Plate Adapter	Top Plate Adapter to match tower top and antenna bolt pattern.

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?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna	Class	Full Power
Manufacturer and Type	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	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)	612.3 kW
	Manufacturer	
	Model	TFU- 22JSC/ VP- R C170

Year	2017
Justification for New Antenna	This will minimize service interruption and keep us on the air while the main transmitter is built on the new channel.

Interim Antenna

Other Antenna Costs

Section	Question	Response
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	S
	Feed Line Size	6 1/8 inches
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?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Interim Antenna

Other Antenna Cost Not Listed

Name	Description
Ice Shield for Interim Antenna	Protect Interim antenna from falling ice and debris
State and Local Taxes	State sales tax, local sales tax. Estimate 8.375%

Transmission ^{Seffien}	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Primary Transmission Line

Existing Transmission Line

n 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	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	900 feet per run

Primary Transmission

New Transmission Line

n 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	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	40 feet per run
	Justification for New Transmission Line	Change in line run

Other Transmission Line Expenses Not Listed

Primary Transmiss

ssion	Name	Description
	Changes to Transmission line run	Addition parts for changes to line runs
	State and Local Taxes	state and local sales taxes

Interim

New Transmission Line

interim	New Transmission Eme		
Transmission	n Line Section	Question	Response
	New Transmission Line Costs	Use	Interim
		Description of Use	N/A
		Change Type	Purchase New
		Туре	Rigid
		Diameter	6 1/8 inches
		Segment Length	19 ½ '
		Other Segment Length	
		Number of parallel runs	1
		Length	800 feet per run
		Justification for New Transmission Line	This will minimize service interruption and keep us on the air while the main transmitter is built on the new channel.

Interim Transm

Other Transmission Line Expenses Not Listed

ransmissior	n Laine	Description
	State and Local Taxes	State and local sales tax, est. 8.375%
	Dehydrator and RF scout	Keeps line pressure and measures RF levels

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

Add Tower

Section	Question	Response
Existing Tower	Type of change	Modify Existing
Description	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	Candelabra
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	Unknown
	Is tower compliant with Rev G?	Unknown
Existing Tower	Do you have a tower registration number?	No
Structure Registration	ASR Number	
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	46° 47' 37.0" N-
	Longitude (NAD83)	092° 07' 04.0" W-
	Overall Structure Height	789.03 feet
	Support Structure Height	693.56 feet
	Ground Elevation Above Mean Sea Level (AMSL)	1236.86 feet
		1

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	KODS ACQUISITION CORP.
Date Constructed	11/09/1999

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
65660	KQDS-FM	FM

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:	Minor Reinforcements needed

Primary Tower

Tower Rigging Costs

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

Primary Tower

Other Tower Expenses Not Listed

Name	Description
State and Local Taxes	State and local sales taxes, est. 8.75%

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
	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	Yes
	RF exposure measurements	No
	Additional Field Engineering Service	Yes
	Number of Days	2
	Justification	Sweep Line and confirm re-usability of any existing components.

Outside
Professional Services Expenses Not Listed
Professional Services © pstsided.

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
Employee Time	Recover salary expenses for time spent on repack project.
Modify Receive Antenna at Translator Site	To increase signal strength received at the remote headend sites, due to low power /interim operation during the transition.
State And Local Taxes	State and local Sales Tax @ 8.375%
Portable Restrooms	Meet requirements for construction site restrooms

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
Interim Transmitter HPTV- PRLX-U12	\$1,218,805.00	\$817,355.00		\$705,277.63	
State and Local Taxes	\$70,505.00	\$70,505.00	N/A	\$52,385.63	N/A
UHF inside RF system including switching	\$147,500.00	\$140,000.00	N/A	\$126,000.00	N/A
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$555,000.00	N/A	\$499,500.00	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$1,300.00	\$1,250.00	N/A	\$1,250.00	N/A
Other Electrical Service: Install AC mains feed to the interim transmitter.	\$13,600.00	\$13,600.00	See attachment titled "Electrical Quote KQDS-TV Repack".	\$13,600.00	N/A
10 Ton system	\$38,900.00	\$37,000.00	N/A	\$12,542.00	N/A

Primary Transmitter HPTV- PARLX-U48	\$2,161,765.00	\$2,158,865.00		\$1,870,986.00	
State and Local Taxes	\$178,965.00	\$178,965.00	N/A	\$144,586.00	N/A
Telemetry	\$8,000.00	\$8,000.00	Meet FCC requirement to monitor and remotely control. Old system not supported.	\$0.00	N/A
4" Rigid Conduit and Wiring (Cost per foot)	\$20,200.00	\$19,200.00	N/A	N/A	N/A
Site Visit	\$16,400.00	\$16,400.00	Determine placement, design and installation plan Sweep existing line	\$16,400.00	N/A
UHF - Liquid Cooled Solid State Transmitter 76.1 kW	\$1,900,000.00	\$1,900,000.00	N/A	\$1,710,000.00	30% Down
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	N/A	N/A
Sub-total	\$3,380,570.00	\$2,976,220.00	N/A	\$2,576,263.63	N/A
Total for all systems	\$5,263,217.59	\$4,815,851.54	N/A	\$3,956,745.94	N/A

Actual Information Description	File Name	
State and Local Taxes		
	Component Description:	State tax on 60% of the quote for the interim transmitter
	Amount:	\$27,888.75
	Component Description:	State tax on 60% of quote for UHF inside plant system
	Amount:	\$7,035.00
	Component Description:	State taxes for interim transmitter inside RF system
	Amount:	\$3,517.50
	Component Description:	State taxes for down payment of interim transmitter
	Amount:	\$13,944.38
UHF inside RF system		
including switching	Component Description:	30% down of interim transmitter inside RF system
	Amount:	\$42,000.00
	Component Description:	60% of Comark quote due prior to
	Amount:	shipping \$84,000.00

UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	Component Description:	60% of quote due prior to shipping interim transmitter
	Amount:	\$333,000.00
	Component Description:	30% down payment of Interim
		transmitter
	Amount:	\$166,500.00
2" Rigid Conduit and Wiring		
(Cost per foot)	Component Description:	Invoice from Hunt Electric Interim
		quote.
	Amount:	\$625.00
	Component Description:	50% down for the
	Component Description.	electrical work on
		the interim
		transmitter
	Amount:	\$625.00
Other Electrical Service: Install AC mains feed to the		
interim transmitter.	Component Description:	50% down payment for
		electrical work on
		interim transmitter
	Amount:	\$6,800.00
	Component Description:	Invoice for Hunt
		Electric interim
		Quote

	Component Description:	Final payment for A /C installation interim transmitter
	Amount:	\$4,771.00
	Component Description:	50% of the Quote for A/C Gartner Refrigeration
	Amount:	\$4,771.00
	Component Description:	Invoice for work to roll back ice screen during A/C install
	Amount:	\$3,000.00
State and Local Taxes		
	Component Description: Amount:	State Tax \$1,373.50
	Component Description:	State tax for down payment of primary transmitter
	Amount:	\$47,737.50
	Component Description:	State tax on 60% of quote for Primary
	Amount:	Transmitter \$95,475.00
Telemetry	Information not provided.	
4" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	
Site Visit		
	Component Description: Amount:	Site Survey \$16,400.00

UHF - Liquid Cooled Solid State Transmitter 76.1 kW	Component Description:	Primary
	Amount:	Transmitter \$570,000.00
	Component Description:	60% of quote due prior to shipping
	Amount:	Primary Transmitter \$1,140,000.00
Switchgear - industrial 800 amp	Information not provided.	

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 TFU- 22JSC/ VP- R C170	\$243,324.00	\$239,725.00		\$211,206.13	
State and Local Taxes	\$22,634.00	\$22,634.00	8.375% of estimated costs	\$15,760.23	N/A
Ice Shield for Interim Antenna	\$8,000.00	\$8,000.00	N/A	\$7,264.00	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$18,615.00	N/A	\$16,753.50	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$13,566.00	Per quote	\$12,209.40	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$5,760.00	N/A

UHF - High Power, Side Mount, basic slot antenna, 612 kW input, directional,, elliptically or circularly polarized	\$170,510.00	\$170,510.00	N/A	\$153,459.00	N/A
Primary Antenna TFU-28GTH O4A	\$444,341.99	\$384,340.99		\$345,906.88	
Top Plate Adapter	\$20,740.00	\$20,740.00	Unable to re-use the existing antenna adapter plate to mount the new antenna.	\$18,666.00	N/A
Support pole	\$83,770.90	\$83,770.90	N/A	\$75,393.80	N/A
State and Local Taxes	\$29,701.09	\$29,701.09	8.375% of estimated costs	\$26,730.98	N/A
Elbow complex, single channel, at antenna input, per 7 3/16. feedline (if needed)	\$13,900.00	\$15,878.00	Per Quote	\$14,290.20	N/A

UHF - High Power Top Mount (200- 1000 kW), One station antenna, elliptically or circularly polarized	\$289,500.00	\$227,851.00	Horizontal component only, V pol invoiced directly to KQDS	\$205,065.90	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$5,760.00	N/A
Sub-total	\$687,665.99	\$624,065.99	N/A	\$557,113.01	N/A
Total for all systems	\$5,263,217.59	\$4,815,851.54	N/A	\$3,956,745.94	N/A

Components

Actual Information Description	File Name	
State and Local Taxes	Component Description: Amount:	State and local taxes repack KQDS-TV \$15,760.23
Ice Shield for Interim Antenna	Component Description: Amount:	Invoice per quote True North Ice shield for interim antenna KQDS-TV Fabricate and install \$7,264.00

Side mount brackets for high power antennas (if not included in antenna base cost)	Component Description: Amount:	45% of quote line 22 due upon order \$8,376.75
	Component Description:	Line 22 of invoice MAN00546, 45% sales quote1179002
	Amount:	prior to ship. \$8,376.75
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if	Component Description:	Line 23 invoice MAN00546, 45%
needed)		sales quote 1179002 prior to ship
	Amount:	\$6,104.70
	Component Description:	45% of Quote line 23
	Amount:	\$6,104.70
Sweep test of existing		
antenna	Component Description:	45% of quote line 45 due upon order
	Amount:	\$2,880.00
	Component Description:	Line 45 invoice MAN00546, 45%
		sales quote 1179002, prior to
	Amount:	ship \$2,880.00

UHF - High Power, Side Mount, basic slot antenna, 612 kW input, directional,, elliptically or circularly polarized	Component Description:	Line 20 invoice MAN00546, sales quote 1179002 45% prior to ship
	Amount:	\$76,729.50
	Component Description:	45% down with order interim antenna line 20 of Invoice
	Amount:	\$76,729.50
Top Plate Adapter		1
	Component Description:	Line #3 invoice MAN00546, sales quote, 1179002, 45% prior to ship
	Amount:	\$9,333.00
	Component Description:	45% quote line 3 due upon order
	Amount:	\$9,333.00
Support pole		
	Component Description:	Line #4 invoice MAN00546, sales quote 1179002, 45% prior to ship
	Amount:	\$37,696.90
	Component Description:	45% per quote line 4 due upon order
	Amount:	\$37,696.90
State and Local Taxes		
	Component Description:	State and Local taxes MN, repack KQDS-TV
	Amount:	\$26,730.98

Elbow complex, single channel, at antenna input, per 7 3/16. feedline (if	Component Description:	45% quote line 5 due upon order
needed)	Amount:	\$7,145.10
	Component Description:	Line # 5, invoice MAN00546, sales quote 1179002, 45% prior to ship
	Amount:	\$7,145.10
UHF - High Power Top Mount (200-1000 kW), One		
station antenna, elliptically	Component Description:	45% of quote line 1
or circularly polarized	Amount:	due upon order \$102,532.95
	Amount.	\$102,532.93
	Component Description:	Line #1, invoice
		MAN00546, sales quote 1179002,
		prior to ship
	Amount:	\$102,532.95
Sweep test of existing		
antenna	Component Description:	Line # 19, invoice
		MAN00546, sales
		quote 1179002, 45% prior to ship
	Amount:	\$2,880.00
	Component Description:	45% of quote line
		45 due upon order
	Amount:	\$2,880.00

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmission Line	\$195,400.35	\$176,784.80		\$159,494.60	
Dehydrator and RF scout	\$19,712.35	\$19,712.35	N/A	\$18,483.18	N/A
Rigid Transmission Line - copper, 6 1/8"	\$161,600.00	\$142,984.45	per quote	\$128,686.00	N/A
State and Local Taxes	\$14,088.00	\$14,088.00	8.375% total estimate	\$12,325.42	N/A
Primary Transmission Line	\$22,618.40	\$19,442.90		\$16,277.94	
State and Local Taxes	\$2,754.00	\$2,754.00	N/A	\$1,257.92	N/A
Rigid Transmission Line - copper, 6 1/8"	\$8,080.00	\$4,904.50	N/A	\$4,414.04	N/A
Changes to Transmission line run	\$11,784.40	\$11,784.40	N/A	\$10,605.98	N/A
Sub-total	\$218,018.75	\$196,227.70	N/A	\$175,772.54	N/A
Total for all systems	\$5,263,217.59	\$4,815,851.54	N/A	\$3,956,745.94	N/A

Components

Actual Information	
Description	File Name

Dehydrator and RF scout		
	Component Description:	45% of quote
	Amount:	lines 13-16, 49
	Amount:	\$9,241.59
	Component Description:	Lines 13-16, 49 invoice MAN00546, sales quote 1179002,
	Amount:	45% prior to ship \$9,241.59
Rigid Transmission Line - copper, 6 1/8"	Common and Description.	Line #le O4 O0
	Component Description:	Line #'s 24 - 28, invoice MAN00546, sales
		quote 1179002,
	Amount:	45% prior to ship \$64,343.00
		4 0.1,0.101
	Component Description:	45% of quote,
		lines 24 & 28 due upon order
	Amount:	\$64,343.00
State and Local Taxes		
	Component Description:	State and local
		taxes MN, repack KQDS-TV
	Amount:	\$12,325.42
State and Local Taxes		
	Component Description:	State and local
		taxes MN, Repack
		KQDS-TV
	Amount:	\$1,257.92

Rigid Transmission Line -		
copper, 6 1/8"	Component Description:	45% quote line 7
		due upon order
	Amount:	\$2,207.02
	Component Description:	Line #7, invoice
		MAN00546, sales
		quote 1179002,
		45% prior to ship
	Amount:	\$2,207.02
Changes to Transmission		
line run	Component Description:	Line #'s 6, 8-11
		invoice
		MAN00546, sales
		quote 1179002,
		45% prior to ship
	Amount:	\$5,302.99
	O	450/ 10 1
	Component Description:	45% of Quote,
		lines 6, 8-11 due
		upon order
	Amount:	\$5,302.99

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 Minor tower reinforcement	Predetermined Cost Estimate \$628,315.00 \$158,000.00	Estimated Cost \$677,415.00 \$150,000.00	Estimated Cost Justification	Actual Cost \$527,757.30	Actual Cos Justificatio
Tower TOWER Minor tower				\$527,757.30	
	\$158,000.00	\$150,000.00			
/modifications		¥ : = =,000:00	N/A	\$87,000.00	N/A
State and Local Taxes	\$36,715.00	\$36,715.00	8.375% of quote cost	\$31,214.30	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$487,200.00	Tower reinforcement, stacked antenna and Interim side mount plus removal of existing stack, multiple crews and companies will be doing this work, tower had to be reinforced with cross bracing and top guys replaced with bridge strand.	\$406,043.00	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$3,500.00	N/A	\$3,500.00	N/A
Sub-total	\$628,315.00	\$677,415.00	N/A	\$527,757.30	N/A

Total for all	\$5,263,217.59	\$4,815,851.54	N/A	\$3,956,745.94	N/A
systems					

Components

Actual Information Description	File Name	
Minor tower reinforcement /modifications	Component Description: Amount:	Down payment for KQDS top tower guy for tower reinforcment \$43,500.00
	Component Description: Amount:	Final invoice for guy reinforcement \$43,500.00
State and Local Taxes	Component Description: Amount:	State and local taxes MN, repack KQDS-TV \$31,214.30
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Component Description: Amount:	2nd and final 50% of Quote 03081802 for removal of tower attachments \$3,500.00
	Component Description: Amount:	2nd invoice for installation of cross bracing on KQDS tower \$6,250.00

Component Description: 50% of Quote

03081802 for removal of tower attachments

Amount: \$3,500.00

Component Description: 45% due prior to

ship lines 1 - 3.
Sales quote
1229002

Amount: \$186,354.00

Component Description: 45% of quote lines

1-3 due upon order

Amount: \$186,354.00

Component Description: 50% of installation

of tower support cross bracing per

proposal

Amount: \$6,250.00

Component Description: Cross Braces for

tower

reinforcement for Rev G compliance per proposal 19598

Amount: \$13,835.00

Structural engineering tower load study for well

documented tower

Component Description: Invoice for quote

19583 for

Structural analysis

Amount: \$3,500.00

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$123,910.00	\$117,750.00		\$0.00	
Additional Field Engineering Service, 2 Days	\$9,000.00	\$9,000.00	N/A	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	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 - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	N/A	N/A

Total for all	\$5,263,217.59	\$4,815,851.54	N/A	\$3,956,745.94	N/A
Sub-total	\$123,910.00	\$117,750.00	N/A	\$0.00	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	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
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	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

Components

Information not provided.

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 Cos Justificatio
Other Expenses	\$224,737.85	\$224,172.85		\$119,839.46	
Develop and air announcement of upcoming channel change	\$44,705.00	\$44,705.00	See attached advertising schedule titled "KQDS Channel Reassignment Notification". Also, shooting, editing and production of notifications.	\$0.00	N/A
Equipment Storage	\$12,000.00	\$12,000.00	N/A	\$1,874.72	Security of on site storage during installation of interim antenna at KQDS-TV tower site.

Equipment Delivery and Handling Charges	\$90,672.00	\$90,672.00	Includes both Comark and Dielectric quotes that total this amount. The additional expense is due to Antennas and transmission line being shipped in two different orders. Interim first, then main.	\$82,003.90	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$20,000.00	\$20,000.00	N/A	\$18,000.00	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
Portable Restrooms	\$300.00	\$300.00	N/A	\$85.84	N/A
State And Local Taxes	\$17,327.00	\$17,327.00	per current quotes and estimates	\$8,341.90	N/A

Modify Receive Antenna at Translator Site	\$5,000.00	\$5,000.00	N/A	N/A	N/A
Employee Time	\$19,653.85	\$19,653.85	N/A	\$9,533.10	N/A
MVPD Notification of Channel Change	\$3,000.00	\$3,000.00	N/A	N/A	N/A
Sub-total	\$224,737.85	\$224,172.85	N/A	\$119,839.46	N/A
Total for all systems	\$5,263,217.59	\$4,815,851.54	N/A	\$3,956,745.94	N/A

Components

Actual Information Description	File Name	
Develop and air announcement of upcoming channel change	Information not provided.	
Equipment Storage		
	Component Description:	Security for on site storage during interim antenna installation
	Amount:	\$1,171.70
	Component Description:	Invoice for Security of the premises during off loading and construction.
	Amount:	\$703.02

Equipment Delivery and Handling Charges

Component Description: Equipment rental

for off loading shipment

Amount: \$399.10

Component Description: Line # 44, invoice

MAN00546, sales quote 1179002, 45% prior to ship

Amount: \$11,925.00

Component Description: Line #18 invoice

MAN00546, sales quote 1179002, 45% prior to ship

Amount: \$11,925.00

Component Description: 30% down of

delivery of

primary, interim, & interim RF system

transmitters

Amount: \$11,301.60

Component Description: 45% of quote line

18 due upon order

Amount: \$11,925.00

Component Description: 60% of quote due

prior to shipping

Amount: \$22,603.20

Component Description: 45% of quote line

44 due upon order

Amount: \$11,925.00

Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description:	60% of quote due prior to shipping
	Amount:	\$12,000.00
	Component Description:	30% down of Disposal Costs
	Amount:	\$6,000.00
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
DTV Medical Facility Notification	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
Portable Restrooms		
	Component Description:	Requirement for construction site in MN
	Amount:	\$85.84

State And Local Taxes		
	Component Description:	State and local taxes MN, repack KQDS-TV
	Amount:	\$3,994.88
	Component Description:	State tax on 60% of quote for disposal costs
	Amount:	\$1,005.00
	Component Description:	State Tax for 60% of quote for shipping and handling
	Amount:	\$1,893.02
	Component Description:	State taxes for 30% down of disposal costs of transmitters- primary, interim & interim RF
	Amount:	\$502.50
	Component Description:	State tax of 30% down for delivery & handling of transmitters-primary, interim, & interim RF
	Amount:	\$946.50
Modify Receive Antenna at Translator Site	Information not provided.	
	-	

		F 1 01:
	Component Description:	Employee Chris
		Drovdal labor 399
	Amount:	repack KQDS-TV \$4,748.40
	Amount	φτ,1 το.το
	Component Description:	KQDS-TV
		personnel labor
		for repack
	Amount:	\$4,748.40
	Component Description:	KQDS-TV
		personnel labor
		repack
	Amount:	\$4,784.70
MVPD Notification of Channel Change	Information not provided.	

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$5,263,217.59	\$4,815,851.54	\$3,956,745.94

Reimbursem	envestiatus	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

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. Kathy Lau COO

03/25/2019

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.
- 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. Kathy Lau

03/25/2019

Attachments