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: **35525** | Service: **DTV** | Call Sign: **KQDS-TV** | Channel: **18 (UHF)**

File Number: **0000027522**

FRN: **0003914025** | Date Submitted: **08/30/2018**

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 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.	No
Briefly describe transition plan	1. 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 channel 18.

Transmitters

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

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
	Type	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
	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
Site Visit	Layout and design of installation includes sweep of old feedline

State and Local Taxes	MN State and Local Sales Taxes

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
	Type	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

Primary Antenna

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	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	Top
	Polarization	Horizontal
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels	N/A
	Design power capacity in use	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	1000.0 kW

Manufacturer	
Model	TFU-20GTH-R04
Year	2006

Primary Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Top
	Polarization	Elliptical
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	1000.0 kW
	Manufacturer	

	Model	TFU-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.

Primary 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?	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

Primary Antenna

Other Antenna Cost Not Listed

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

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 Manufacturer and Type	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	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)	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
State and Local Taxes	State sales tax, local sales tax. Estimate 8.375%

Transmission Line

Section	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Primary Transmission Line

Existing Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	
	Type	Rigid
	Diameter	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 Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	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

Primary Transmission Line

Other Transmission Line Expenses Not Listed

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

Interim Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	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 Transmission Line

Other Transmission Line Expenses Not Listed

Name	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 Description	Type of change	Modify Existing
	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 Structure Registration	Do you have a tower registration number?	No
	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

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 Services Costs

Section	Question	Response
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 Services	Prepare and file Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes

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

Other Professional Services Expenses Not Listed

Services not provided.

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%

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**		**$693,081.63**	
State and Local Taxes	***$70,505.00***	$70,505.00	N/A	$52,385.63	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	$625.00	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".	$6,800.00	N/A
10 Ton system	$38,900.00	$37,000.00	N/A	$7,771.00	N/A
UHF inside RF system including switching	$147,500.00	$140,000.00	N/A	$126,000.00	N/A

Primary Transmitter HPTV-PARLX-U48	**$2,153,765.00**	**$2,150,865.00**		**$1,870,986.00**	
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
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
State and Local Taxes	***$178,965.00***	$178,965.00	N/A	$144,586.00	N/A
Sub-total	$3,372,570.00	$2,968,220.00	N/A	$2,564,067.63	N/A
Total for all systems	$5,241,382.65	$4,794,016.60	N/A	$3,791,008.55	N/A

Components

Actual Information Description	File Name

State and Local Taxes	**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
	Component Description:	State tax on 60% of quote for UHF inside plant system
	Amount:	$7,035.00
	Component Description:	State tax on 60% of the quote for the interim transmitter
	Amount:	$27,888.75
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	**Component Description:**	30% down payment of Interim transmitter
	Amount:	$166,500.00
	Component Description:	60% of quote due prior to shipping interim transmitter
	Amount:	$333,000.00
2" Rigid Conduit and Wiring (Cost per foot)	**Component Description:**	50% down for the electrical work on the interim transmitter
	Amount:	$625.00

Other Electrical Service: Install AC mains feed to the interim transmitter.	**Component Description:** **Amount:**	50% down payment for electrical work on interim transmitter $6,800.00
10 Ton system	**Component Description:** **Amount:**	Invoice for work to roll back ice screen during A/C install $3,000.00
	Component Description: **Amount:**	50% of the Quote for A/C Gartner Refrigeration $4,771.00
UHF inside RF system including switching	**Component Description:** **Amount:**	30% down of interim transmitter inside RF system $42,000.00
	Component Description: **Amount:**	60% of Comark quote due prior to shipping $84,000.00
UHF - Liquid Cooled Solid State Transmitter 76.1 kW	**Component Description:** **Amount:**	60% of quote due prior to shipping Primary Transmitter $1,140,000.00
	Component Description: **Amount:**	Primary Transmitter $570,000.00

Switchgear - industrial 800 amp	Information not provided.
4" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
Site Visit	**Component Description:** Site Survey **Amount:** $16,400.00
State and Local Taxes	**Component Description:** State tax on 60% of quote for Primary Transmitter **Amount:** $95,475.00 **Component Description:** State tax for down payment of primary transmitter **Amount:** $47,737.50 **Component Description:** State Tax **Amount:** $1,373.50

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	**$235,324.00**	**$231,725.00**		**$188,181.90**	
State and Local Taxes	***$22,634.00***	$22,634.00	8.375% of estimated costs	N/A	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	**$438,460.90**	**$378,459.90**		**$319,175.90**	
Sweep test of existing antenna	$6,730.00	$6,400.00	N/A	$5,760.00	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
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
State and Local Taxes	***$23,820.00***	$23,820.00	8.375% of estimated costs	N/A	N/A

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
Sub-total	$673,784.90	$610,184.90	N/A	$507,357.80	N/A
Total for all systems	$5,241,382.65	$4,794,016.60	N/A	$3,791,008.55	N/A

Components

Actual Information Description	**File Name**	
State and Local Taxes	Information not provided.	
Side mount brackets for high power antennas (if not included in antenna base cost)	**Component Description:** **Amount:** **Component Description:** **Amount:**	Line 22 of invoice MAN00546, 45% sales quote1179002 prior to ship. $8,376.75 45% of quote line 22 due upon order $8,376.75

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	**Component Description:**	Line 23 invoice MAN00546, 45% 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:**	Line 45 invoice MAN00546, 45% sales quote 1179002, prior to ship
	Amount:	$2,880.00
	Component Description:	45% of quote line 45 due upon order
	Amount:	$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

Sweep test of existing antenna	**Component Description:** **Amount:** **Component Description:** **Amount:**	Line # 19, invoice MAN00546, sales quote 1179002, 45% prior to ship $2,880.00 45% of quote line 45 due upon order $2,880.00
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	**Component Description:** **Amount:** **Component Description:** **Amount:**	Line #1, invoice MAN00546, sales quote 1179002, prior to ship $102,532.95 45% of quote line 1 due upon order $102,532.95
Elbow complex, single channel, at antenna input, per 7 3/16. feedline (if needed)	**Component Description:** **Amount:** **Component Description:** **Amount:**	Line # 5, invoice MAN00546, sales quote 1179002, 45% prior to ship $7,145.10 45% quote line 5 due upon order $7,145.10
State and Local Taxes	Information not provided.	

Top Plate Adapter	**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

Cost Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmission Line	**$195,400.35**	**$176,784.80**		**$147,169.18**	
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	N/A	N/A
Dehydrator and RF scout	***$19,712.35***	$19,712.35	N/A	$18,483.18	N/A
Primary Transmission Line	**$22,618.40**	**$19,442.90**		**$15,020.02**	
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
State and Local Taxes	***$2,754.00***	$2,754.00	N/A	N/A	N/A
Sub-total	$218,018.75	$196,227.70	N/A	$162,189.20	N/A
Total for all systems	$5,241,382.65	$4,794,016.60	N/A	$3,791,008.55	N/A

Components

Actual Information Description	File Name

Rigid Transmission Line - copper, 6 1/8"	**Component Description:**	Line #'s 24 - 28, invoice MAN00546, sales quote 1179002, 45% prior to ship
	Amount:	$64,343.00
	Component Description:	45% of quote, lines 24 & 28 due upon order
	Amount:	$64,343.00
State and Local Taxes	Information not provided.	
Dehydrator and RF scout	**Component Description:**	Lines 13-16, 49 invoice MAN00546, sales quote 1179002, 45% prior to ship
	Amount:	$9,241.59
	Component Description:	45% of quote lines 13-16, 49
	Amount:	$9,241.59
Rigid Transmission Line - copper, 6 1/8"	**Component Description:**	Line #7, invoice MAN00546, sales quote 1179002, 45% prior to ship
	Amount:	$2,207.02
	Component Description:	45% quote line 7 due upon order
	Amount:	$2,207.02

Changes to Transmission line run	**Component Description:** **Amount:** **Component Description:** **Amount:**	Line #'s 6, 8-11 invoice MAN00546, sales quote 1179002, 45% prior to ship $5,302.99 45% of Quote, lines 6, 8-11 due upon order $5,302.99
State and Local Taxes	Information not provided.	

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	**$628,315.00**	**$677,415.00**		**$453,043.00**	
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
Minor tower reinforcement /modifications	$158,000.00	$150,000.00	N/A	$43,500.00	N/A
State and Local Taxes	***$36,715.00***	$36,715.00	8.375% of quote cost	N/A	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	$453,043.00	N/A

Total for all systems	$5,241,382.65	$4,794,016.60	N/A	$3,791,008.55	N/A

Components

Actual Information Description	File Name
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	**Component Description:** 50% of installation of tower support cross bracing per proposal **Amount:** $6,250.00 **Component Description:** 2nd invoice for installation of cross bracing on KQDS tower **Amount:** $6,250.00 **Component Description:** 2nd and final 50% of Quote 03081802 for removal of tower attachments **Amount:** $3,500.00 **Component Description:** 45% of quote lines 1-3 due upon order **Amount:** $186,354.00 **Component Description:** 50% of Quote 03081802 for removal of tower attachments **Amount:** $3,500.00

	Component Description: **Amount:**	45% due prior to ship lines 1 - 3. Sales quote 1229002 $186,354.00
	Component Description: **Amount:**	Cross Braces for tower reinforcement for Rev G compliance per proposal 19598 $13,835.00
Minor tower reinforcement /modifications	**Component Description:** **Amount:**	Down payment for KQDS top tower guy for tower reinforcment $43,500.00
State and Local Taxes	Information not provided.	
Structural engineering tower load study for well documented tower	**Component Description:** **Amount:**	Invoice for quote 19583 for Structural analysis $3,500.00

Cost Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	**$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

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	$1,580.00	$1,500.00	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
Perform engineering study for new channel assignment and antenna development	$7,360.00	$7,000.00	N/A	N/A	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
Sub-total	$123,910.00	$117,750.00	N/A	$0.00	N/A
Total for all systems	$5,241,382.65	$4,794,016.60	N/A	$3,791,008.55	N/A

Components

Information not provided.

Cost Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cos Justificatic
Other Expenses	**$224,784.00**	**$224,219.00**		**$104,350.92**	
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
Equipment Storage	***$12,000.00***	$12,000.00	N/A	N/A	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

FCC Filing Fees - Form 2100 license to cover application	$335.00	$325.00	N/A	N/A	N/A
State And Local Taxes	***$17,327.00***	$17,327.00	per current quotes and estimates	$4,347.02	N/A
Modify Receive Antenna at Translator Site	***$5,000.00***	$5,000.00	N/A	N/A	N/A
Employee Time	***$20,000.00***	$20,000.00	N/A	N/A	N/A
MVPD Notification of Channel Change	***$3,000.00***	$3,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	***$44,705.00***	$44,705.00	See attached advertising schedule titled "KQDS Channel Reassignment Notification".	$0.00	N/A
DTV Medical Facility Notification	$11,550.00	$11,000.00	N/A	N/A	N/A
Sub-total	$224,784.00	$224,219.00	N/A	$104,350.92	N/A
Total for all systems	$5,241,382.65	$4,794,016.60	N/A	$3,791,008.55	N/A

Components

Actual Information Description	File Name

Equipment Delivery and Handling Charges	**Component Description:** **Amount:**	Line # 44, invoice MAN00546, sales quote 1179002, 45% prior to ship $11,925.00
	Component Description: **Amount:**	Line #18 invoice MAN00546, sales quote 1179002, 45% prior to ship $11,925.00
	Component Description: **Amount:**	Equipment rental for off loading shipment $399.10
	Component Description: **Amount:**	60% of quote due prior to shipping $22,603.20
	Component Description: **Amount:**	45% of quote line 44 due upon order $11,925.00
	Component Description: **Amount:**	30% down of delivery of primary, interim, & interim RF system transmitters $11,301.60
	Component Description: **Amount:**	45% of quote line 18 due upon order $11,925.00
Equipment Storage	Information not provided.	

Disposal Costs (for equipment and other waste, net of any salvage value)	**Component Description:** **Amount:** **Component Description:** **Amount:**	60% of quote due prior to shipping $12,000.00 30% down of Disposal Costs $6,000.00
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	

State And Local Taxes	**Component Description:** **Amount:**	State tax on 60% of quote for disposal costs $1,005.00
	Component Description: **Amount:**	State Tax for 60% of quote for shipping and handling $1,893.02
	Component Description: **Amount:**	State tax of 30% down for delivery & handling of transmitters-primary, interim, & interim RF $946.50
	Component Description: **Amount:**	State taxes for 30% down of disposal costs of transmitters-primary, interim & interim RF $502.50
Modify Receive Antenna at Translator Site	Information not provided.	
Employee Time	Information not provided.	
MVPD Notification of Channel Change	Information not provided.	
Develop and air announcement of upcoming channel change	Information not provided.	
DTV Medical Facility Notification	Information not provided.	

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	$5,241,382.65	$4,794,016.60	$3,791,008.55

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.	**Kathy Lau** *COO* 08/30/2018

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.	**Kathy Lau** *COO* 08/30/2018

Attachments