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: **62424** | Service: **DTV** | Call Sign: **KCDT** | Channel: **18 (UHF)**

File Number: **0000026396**

FRN: **0001631738** | Date Submitted: **12/17/2019**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
STATE BOARD OF EDUCATION, STATE OF IDAHO Doing Business As: IDAHO PUBLIC TELEVISION	Technology Director 1455 NORTH ORCHARD STREET ATTN: RICHARD VAN GENDEREN BOISE, ID 83706 United States	+1 (208) 373-7220	Dutch@idahoptv.org	Government Entity

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

Richard Van Genderen *Director of Technology* *State Board of Education, State of Idaho dba Idaho Public Television*	Director of Technology Idaho Public Television 1455 N. Orchard Street Boise, ID 83706 United States	+1 (208) 373-7220	dutch@idahoptv.org

Broadcaster Information and Transition Plan

Question	Response
Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	Yes
Briefly describe transition plan	Install interim Aux.antenna and move KCDT-45 and K26LJ-D over to it at reduced output power. (Requires STA) Then decommission existing KCDT-45 antenna and damaged transmission line. Install new UHF wideband antenna and 3 1/8" rigid line on tower.

Transmitters

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

Primary Transmitter

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	DHD15P1
	Year	2002
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	3.75 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	UAXTE-8
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	4.8 kW
	Justification for New Transmitter	Current transmitter is 15 years old and not re-tuneable to new assigned lower frequency. Power output required to make authorized ERP.

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	Yes
	Size	1.5 inches
	Length	20.0 feet
	Other Electrical Service	Yes
	Description	Will have to add a couple of standard 110V circuits for operation of the dual exciters.
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
2-port UHF channel combiner	A new 2 port UHF channel combiner will be required. We currently utilize one and it is not tuneable to the new assigned channel.
Stringent Mask filter	New Stringent Mask filter for new channel assignment

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?	Yes
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Broadband Panel
	Number of Stations Supported	2
	Number of Panels	8
	Design power capacity in use	60.0 %
	Lower Limit	626.00 MHz
	Upper Limit	806.00 MHz
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	55.0 kW

Manufacturer	
Model	881-8
Year	2002

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

Facility ID	Call Sign
61953	K26LJ-D

Primary Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	Yes
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Broadband Slot
	Number of Stations Supported	2
	Number of Panels/Bays	8
	Lower Limit	494.00 MHz
	Upper Limit	548.00 MHz
	Design power capacity in use	30.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	50.0 kW
	Manufacturer	
	Model	JA/MS-8

	Year	2019
	Justification for New Antenna	Existing antenna is broadband, but for upper UHF frequencies which KCDT will not be authorized to operate on. A new antenna must be employed for the new lower UHF assignment.

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Type	New
	Number of channels supported	2
	Frequencies of channels supported	Upper and lower frequency
	Frequency	494.0 MHz - 548.0 MHz
	Do you need a combiner output splitter /switcher for dual feed lines?	No
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Broadband
	Feed Line Size	3 1/8 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?	Yes
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Primary Antenna

Other Antenna Cost Not Listed

Name	Description
Flexible foam core heliax	To connect Aux/Temp antenna to combiner; 1 5/8" heliax and mounting hardware.
Line Adapters	Adapters to go from 3 inch line to 1.5 inch line for proposed aux antenna.
Aux.Temp Antenna	Proposed 2 panel medium power light weight antenna array to be used while tower work being performed for new full power antenna.

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?	Yes
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	
	Type	Flexible Air
	Diameter	3 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	105 feet per run

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

Facility ID	Call Sign
61953	K26LJ-D

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	3 1/8 inches
	Other Diameter	N/A
	Segment Length	Broadband
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	105 feet per run
	Justification for New Transmission Line	Existing line is ice damaged and should be replaced.

Primary Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

Interim Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	Flexible Foam
	Diameter	1 5/8 inches
	Segment Length	N/A
	Other Segment Length	
	Number of parallel runs	1
	Length	75 feet per run
	Justification for New Transmission Line	This line will connect auxiliary antenna to existing combiner in the effort to keep signals on the air while new antenna and line are installed on tower. It is smaller since the aux antenna has lower power capacity than full power replacement antenna.

Interim Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Hangers- Grounding kit	Will require line hangers and 2 grounding kits for this heliax line.

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	Move Equipment
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	Terrain Constrained
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	No
	Others Types of Users	Yes
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Yes
Existing Tower Structure Registration	Do you have a tower registration number?	No
	ASR Number	
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	47° 43' 53.66" N-
	Longitude (NAD83)	116° 43' 50.7" W-
	Overall Structure Height	93.00 feet
	Support Structure Height	80.00 feet

Ground Elevation Above Mean Sea Level (AMSL)	4062.00 feet
Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Idaho Public Television
Date Constructed	06/01/1991

Other Types of Users

Users
WISP
LPFM x 3
LPTV x 4

Primary Tower

Tower Rigging Costs

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

Primary Tower

Other Tower Expenses Not Listed

Information not provided.

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	Yes
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting Services	Prepare and file Form FCC Construction Permit Application	No
	For Auxiliary Facility	N/A
	For Main Facility	N/A
	Prepare and file Form FCC License to Cover Application	No
	For Auxiliary Facility	N/A
	For Main Facility	N/A

	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	No
RF Field Engineering Services	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	Yes
	Additional Field Engineering Service	Yes
	Number of Days	4
	Justification	Installation of new transmitter by factory technician.

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

Name	Description
Tower Structural Study	Inventory and structural study of existing and proposed loading with new antennas.

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	Yes
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	No
	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

Information not provided.

Cost Information

Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter UAXTE-8	**$256,800.00**	**$165,300.00**		**$119,430.31**	
Stringent Mask filter	***$5,500.00***	$5,500.00	N/A	$4,580.98	N/A
2-port UHF channel combiner	***$13,500.00***	$13,500.00	N/A	$11,464.10	N/A
UHF - Air Cooled Solid State Transmitter 4 - 6 kW	$236,500.00	$145,000.00	N/A	$103,385.23	N/A
1.5" Rigid Conduit and Wiring	***$800.00***	$800.00	N/A	N/A	N/A
Other Electrical Service: Will have to add a couple of standard 110V circuits for operation of the dual exciters.	***$500.00***	$500.00	N/A	N/A	N/A
Sub-total	$256,800.00	$165,300.00	N/A	$119,430.31	N/A
Total for all systems	$1,064,728.40	$529,552.40	N/A	$287,683.69	N/A

Components

Actual Information Description	File Name	
Stringent Mask filter	**Component Description:** **Amount:**	RF Accessories, Mask filter $4,580.98
2-port UHF channel combiner	**Component Description:** **Amount:**	CIF/Combiner System $11,464.10
UHF - Air Cooled Solid State Transmitter 4 - 6 kW	**Component Description:** **Amount:**	Transmitter $103,385.23
1.5" Rigid Conduit and Wiring	Information not provided.	
Other Electrical Service: Will have to add a couple of standard 110V circuits for operation of the dual exciters.	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
Primary Antenna JA /MS-8	**$188,679.00**	**$154,829.00**		**$78,159.27**	
UHF - High Power Top Mount Two Station antenna elliptically or circularly polarized	***$29,980.00***	$29,980.00	Vendor estimate /quote for non-elliptically polarized version of antenna.	$29,980.00	N/A
Sweep test of existing antenna	$6,730.00	$7,800.00	Quoted figure from Antenna vendor	$7,800.00	Due to our state process and rules we were unable to speak to vendors before going thru the bidding process. These estimates were made well before the bidding process could take place.
Aux.Temp Antenna	***$15,000.00***	$15,000.00	N/A	$6,375.26	N/A

New combiner, cost per channel (without antenna)	$84,200.00	$50,000.00	N/A	N/A	N/A
Elbow complex, broadband, at antenna input, per 3 1 /8. feedline (if needed)	$9,340.00	$8,880.00	N/A	N/A	N/A
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	$5,260.00	$5,000.00	N/A	N/A	N/A
Flexible foam core heliax	***$1,500.00***	$1,500.00	N/A	N/A	N/A
Line Adapters	***$2,999.00***	$2,999.00	N/A	$334.01	N/A
UHF - High Power, Side Mount, broadband panel, 8 bay,, 36 kW input, directional,, elliptically or circularly polarized	***$33,670.00***	$33,670.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***	$33,670.00	Quote and Letter attached to most recent submission
Sub-total	$188,679.00	$154,829.00	N/A	$78,159.27	N/A
Total for all systems	$1,064,728.40	$529,552.40	N/A	$287,683.69	N/A

Components

Actual Information Description	File Name	
UHF - High Power Top Mount Two Station antenna elliptically or circularly polarized	**Component Description:** **Amount:**	This is the antenna cost minus the optional elliptical polarization that we are funding ourselves. See JamPro Quote AP021918D $29,980.00
Sweep test of existing antenna	**Component Description:** **Amount:**	JAMPRO Field Technician - inspection of equipment installation $7,800.00
Aux.Temp Antenna	**Component Description:** **Amount:** **Component Description:** **Amount:** **Component Description:** **Amount:**	Antenna Mount and Standoff Arm $476.26 Scala Broadband Cavity Backslot Antenna $5,899.00 Scala Broadband Cavity Back Slot Antenna. $5,899.00
New combiner, cost per channel (without antenna)	Information not provided.	

Elbow complex, broadband, at antenna input, per 3 1/8. feedline (if needed)	Information not provided.
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.
Flexible foam core heliax	Information not provided.
Line Adapters	**Component Description:** Reducer Adapter **Amount:** $334.01

UHF - High Power, Side Mount, broadband panel, 8 bay,, 36 kW input, directional,, elliptically or circularly polarized	**Component Description:**	Dehydrator, Low-pres mem 19 in rack wall mount w /discrete and summary alarms
	Amount:	$3,136.00
	Component Description:	JAMPRO JA/MS-8 Prostar medium Power Top Mounted, Elliptically Polarized UHF Slot Broadband Antenna
	Amount:	$29,980.00
	Component Description:	Scala FMTV-03 EIA Fine Matching Unit
	Amount:	$528.00
	Component Description:	Scala FMTV EIA Fine Matching Unit Connections
	Amount:	$528.00
	Component Description:	Scala Bullet
	Amount:	$26.00
	Component Description:	Scala 1 5/8" EIA Bullet
	Amount:	$26.00

Cost Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmission Line	**$2,550.00**	**$2,475.00**		**$1,325.00**	
Flexible Foam Transmission Line - dielectric, 1 5 /8"	$1,800.00	$1,725.00	N/A	$1,325.00	Quote and Letter attached to most recent submission
Hangers-Grounding kit	***$750.00***	$750.00	N/A	N/A	N/A
Primary Transmission Line	**$12,600.00**	**$21,927.00**		**$13,837.00**	
Rigid Transmission Line - copper, 3 1 /8" broadband	$12,600.00	$21,927.00	Manufacturer quote, includes hangers and grounding, entry port, etc.	$13,837.00	Due to our state processes and rules we were unable to speak to vendors prior to the bidding process.
Sub-total	$15,150.00	$24,402.00	N/A	$15,162.00	N/A
Total for all systems	$1,064,728.40	$529,552.40	N/A	$287,683.69	N/A

Components

Actual Information Description	File Name

Flexible Foam Transmission Line - dielectric, 1 5/8"	**Component Description:** **Amount:**	Andrew 1 5/8" Virtual Foam Cable $655.00
	Component Description: **Amount:**	Andrew 1 58" EIA Straight Connector for LDF7 & AVA7 $670.00
	Component Description: **Amount:**	Andrew Straight Connector for LDF7 & AVA7. Andrew Virtual Foam Cable $1,325.00
Hangers- Grounding kit	Information not provided.	
Rigid Transmission Line - copper, 3 1/8" broadband	**Component Description:** **Amount:**	Transmission line $13,837.00

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	**$421,000.00**	**$55,000.00**		**$43,275.00**	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	$421,000.00	$55,000.00	N/A	$43,275.00	N/A
Sub-total	$421,000.00	$55,000.00	N/A	$43,275.00	N/A
Total for all systems	$1,064,728.40	$529,552.40	N/A	$287,683.69	N/A

Components

Actual Information Description	File Name	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	**Component Description:** **Amount:**	Install equipment $43,275.00

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	**$150,890.00**	**$104,557.00**		**$22,716.92**	
Additional Field Engineering Service, 4 Days	***$11,500.00***	$11,500.00	N/A	N/A	N/A
RF Exposure Measurements	$21,050.00	$20,000.00	N/A	N/A	N/A
Comprehensive coverage verification via field study, if needed	$84,200.00	$40,000.00	N/A	$0.00	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	$3,680.00	$3,500.00	N/A	$270.00	N/A
Prepare and or review reimbursement form	$2,630.00	$2,500.00	N/A	$2,479.20	N/A
Perform engineering study for new channel assignment and antenna development	$7,360.00	$7,000.00	N/A	$6,767.85	Need to open transmission line and install testing equipment for engineers.

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	$3,155.00	$3,010.00	The cost of this invoice was over the estimated cost due to clerical costs such as copies and postage	$3,009.25	Copy charges more than expected.
RF Consulting Engineer Fees-Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	$2,105.00	$2,000.00	N/A	$8,143.62	Exchanges with antenna manufacturer of proposed replacement antenna for repack. Also construction permit had to be submitted twice.
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	$1,580.00	$1,500.00	N/A	$0.00	N/A
RF Consulting Engineer Fees-Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	$1,580.00	$2,047.00	Increase estimate due to inquiry to seek guidance from FCC regarding new antennae installation	$2,047.00	This is for a new auxiliary antenna.
Prepare request for Special Temporary Authorization	$2,050.00	$1,500.00	N/A	$0.00	N/A

Tower Structural Study	***$10,000.00***	$10,000.00	N/A	N/A	N/A
Sub-total	$150,890.00	$104,557.00	N/A	$22,716.92	N/A
Total for all systems	$1,064,728.40	$529,552.40	N/A	$287,683.69	N/A

Components

Actual Information Description	**File Name**
Additional Field Engineering Service, 4 Days	Information not provided.
RF Exposure Measurements	Information not provided.
Comprehensive coverage verification via field study, if needed	Information not provided.
Attorney Fees - Prepare and File request for Special Temporary Authorization	**Component Description:** Attorney Fees - Prepare & File Request **Amount:** $270.00

Prepare and or review reimbursement form	**Component Description:**	Consulting engineering services concerning inquiries to antenna manufacturer on delivery date and other items regarding incentive auction mandated channel change
	Amount:	$1,894.20
	Component Description:	Teleconference with FCC staff regarding status of KCDT
	Amount:	$90.00
	Component Description:	Responded to FCC staff email regarding transition progress report due
	Amount:	$90.00
	Component Description:	This invoice shows a balance of $90 for a total of $450. Actual current invoice is $360.00. Correspondence regarding status and reimbursement process
	Amount:	$360.00
	Component Description:	Review repack transition plan progress report for KCDT
	Amount:	$45.00

Perform engineering study for new channel assignment and antenna development	**Component Description:**	Prepare engineering statement entitled "Engineering Statement...in support of a modification of pending application to construct repacked facilities KCDT...
	Amount:	$2,203.90
	Component Description:	Opening transmission line and installing testing equipment on the end connector.
	Amount:	$1,000.00
	Component Description:	RF Engineering Consulting Services KCDT
	Amount:	$5,767.85
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	**Component Description:**	Preparation of forms
	Amount:	$3,009.25

RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	**Component Description:** **Amount:** **Component Description:** **Amount:** **Component Description:** **Amount:**	CONSULTING ENGINEERING SERVICES CONCERNING ITEMS ON REPACK $4,172.00 Contact with FCC staff to present transmission line measurement data $2,380.00 Engineering statement entitled "Engineering Statement....in support of an application to construct repacked facilities. $1,591.62
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	

RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	**Component Description:** **Amount:** **Component Description:** **Amount:**	Consulting engineering services thru 7/18 - draft of inquiry to seek guidance from FCC regarding new antenna installation $732.00 CONSULTING ENGINEERING SERVICES CONCERNING COMMUNICATON WITH ANTENNA MANUFACTURER AND PREP OF EXHIBITS FOR PRELIMINARY DRAFT OF ENGINEERING STATEMENT $1,315.00
Prepare request for Special Temporary Authorization	Information not provided.	
Tower Structural Study	Information not provided.	

Cost Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	**$32,209.40**	**$25,464.40**		**$8,940.19**	
DTV Medical Facility Notification	$11,550.00	$5,000.00	N/A	$2,604.80	N/A
FCC Filing Fees - Special Temporary Authorization request	$195.00	$0.00	We do not pay filing fees	N/A	N/A
BLM or NFS Coordination	***$250.00***	$250.00	Cost recovery fee for change of use filing on existing lease.	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	***$4,500.00***	$4,500.00	N/A	$1,250.00	N/A
Equipment Delivery and Handling Charges	***$10,000.00***	$10,000.00	N/A	$3,038.49	quote and letter attached to most recent submission
Equipment Storage	***$2,500.00***	$2,500.00	N/A	N/A	N/A

Develop and air announcement of upcoming channel change	***$1,500.00***	$1,500.00	N/A	$332.50	N/A
MVPD Notification of Channel Change	***$1,714.40***	$1,714.40	Due to state purchasing rules we were unable to get an estimate outside of the purchasing process. We were only able to obtain a quote during the purchasing process. This came in higher than our original estimate.	$1,714.40	The invoice is greater than our initial estimate. Due to state statute we were unable to obtain estimates from a vendor without going thru the entire purchasing process. Which we were unable to do at the time.
Sub-total	$32,209.40	$25,464.40	N/A	$8,940.19	N/A
Total for all systems	$1,064,728.40	$529,552.40	N/A	$287,683.69	N/A

Components

Actual Information	
Description	**File Name**

DTV Medical Facility Notification	**Component Description:** **Amount:**	This is for the Notification of Medical Facilities - Transmitter Medical Facility Notification $2,604.80
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
BLM or NFS Coordination	Information not provided.	
Disposal Costs (for equipment and other waste, net of any salvage value)	**Component Description:** **Amount:**	Removal of Antenna. The invoice is for $3,050. $1800 is for another service NOT related to the FCC project $1,250.00
Equipment Delivery and Handling Charges	**Component Description:** **Amount:**	Freight $20.69
	Component Description: **Amount:**	Shipping $733.00
	Component Description: **Amount:**	Shipping Charges $733.00
	Component Description: **Amount:**	Ground Freight to Moscow Idaho $2,200.00
	Component Description: **Amount:**	Freight $84.80

Equipment Storage	Information not provided.	
Develop and air announcement of upcoming channel change	**Component Description:** <

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	$1,064,728.40	$529,552.40	$287,683.69

Reimbursement Status

Question	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

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.	**Dawn Rose** *Senior Financial Specialist* 12/17/2019

Certification

Section	Question	Response
Submission of Actual Cost Documentation Statements	WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR 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.	**Dawn Rose** *Senior Financial Specialist* 12/17/2019

Attachments