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: **73318** | Service: **DTV** | Call Sign: **WNEP-TV** | Channel: **50 (UHF)**

File Number: **0000027985**

FRN: **0028358455** | Date Submitted: **04/27/2021**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
TEGNA Broadcast Holdings, LLC	Denise A. Branson, Sr. Paralegal 8350 BROAD STREET, SUITE 2000 Tysons, VA 22102 United States	+1 (703) 873-6606	dbranson@tegna.com	Limited Liability Company

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
Bill Vanduynhoven , Vanduynhov . *Director of Engineering operations* *Tribune Broadcasting*	Bill Vanduynhoven 2211 Rabbit Hill Cir Dacula, GA 30019 United States	+1 (404) 312-8693	BillV@Tribunemedia.com

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	Replace Antenna and Transmission Line Replace transmitter

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	SigmaCD-P2
	Year	2008
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	60 kW

Primary Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	ULXTE-90
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	51.6 kW
	Justification for New Transmitter	Current transmitter is not re tunable as state by the manufacturer

Primary Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	Yes
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	Yes
	Size	2 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
Channel Change Services from Ch. 16 to Ch. 21	Channel Change Services from Ch. 16 to Ch. 21

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?	No
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	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)	500.0 kW

Manufacturer	
Model	ATW18H3H
Year	2009

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?	No
	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?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Top 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)	248.0 kW
	Manufacturer	

Model	TFU-21ETT /VP-R 04SP
Year	2020
Justification for New Antenna	Current antenna will not operate on assigned channel

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	
	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	6 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?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Primary Antenna

Other Antenna Cost Not Listed

Name	Description
AFM 6-75 CH21 18 inches LONG, EXTERIOR	AFM 6-75 CH21 18.00" LONG, EXTERIOR
Tower Top Interface	Elbows and Line to transition at the top of the tower

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?	No
New Antenna Manufacturer and Type	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Broadband Slot
	Number of Stations Supported	1
	Number of Panels/Bays	8
	Lower Limit	470.00 MHz
	Upper Limit	670.00 MHz
	Design power capacity in use	90.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	200.0 kW
	Manufacturer	
	Model	TFU-8WB-1-R
	Year	2018

	Justification for New Antenna	Temporary antenna to operate form during transition.

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	4 1/16 inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an 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

Interim Antenna

Other Antenna Cost Not Listed

Information not provided.

Transmission Line

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

Primary Transmission Line

Existing Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Utilize Existing
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	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	ERI
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	19 3/4 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1000 feet per run

Primary Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Retuning	Line adjustments for new channel
RTLSCR675-20	RIGID TRANSMISSION LINE - COPPER T /L 6- 75 EIA LENGTH 15 ft TO 20 ft FIXED FLG 1 END SWIVEL FLG 1 END LENGTH TBD

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	4 1/16 inches
	Segment Length	19 ¾ '
	Other Segment Length	
	Number of parallel runs	1
	Length	900 feet per run
	Justification for New Transmission Line	Temporary Line to operate from during transition. We are awaiting quotes in this system

Interim Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

Tower Equipment And Rigging Costs

Section	Question	Response
Tower Equipment or Rigging Costs Changes	Do you have tower equipment or rigging costs changes?	Yes

Primary Tower

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	No
	One or more FM, AM or TV radio broadcaster(s)	N/A
	Others Types of Users	N/A
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Yes
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1266878
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	41° 10' 57.2" N-
	Longitude (NAD83)	075° 52' 13.9" W-
	Overall Structure Height	836.28 feet
	Support Structure Height	802.81 feet
	Ground Elevation Above Mean Sea Level (AMSL)	2134.82 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Local TV Pennsylvania, LLC
Date Constructed	01/23/2009

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	N/A
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	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	No
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	Yes
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

Name	Description
Other Engineering Services	Other Engineering Services
Project management of the transition	Project management of the transition

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

Cost Information

Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter ULXTE-90	**$809,915.27**	**$864,965.27**		**$121,814.00**	
2" Rigid Conduit and Wiring (Cost per foot)	$5,200.00	$5,000.00	N/A	N/A	N/A
Channel Change Services from Ch. 16 to Ch. 21	***$25,964.00***	$25,964.00	See attached / uploaded PDF file titled "Gates US0338709 v210413gv1.pdf"	$25,964.00	N/A
Switchgear - industrial 800 amp	$38,200.00	$95,850.00	See attached / uploaded PDF file titled "Herron 6779 v210423jgv1.pdf"	$95,850.00	N/A
Service entrance 3 phase/800 amp/208 volt	$14,400.00	$12,000.00	N/A	N/A	N/A

UHF - Liquid Cooled Solid State Transmitter 51.6 kW	***$726,151.27***	$726,151.27	See attached / uploaded PDF file titled "GatesAir transmitter v210426jgv2.pdf"	N/A	N/A
Sub-total	$809,915.27	$864,965.27	N/A	$121,814.00	N/A
Total for all systems	$2,057,252.84	$2,065,941.84	N/A	$770,666.47	N/A

Components

Actual Information Description	File Name	
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	
Channel Change Services from Ch. 16 to Ch. 21	**Component Description:** **Amount:**	Gates US0338709 v210413gv1 $25,964.00
Switchgear - industrial 800 amp	**Component Description:** **Amount:** **Component Description:** **Amount:**	Herron 6779 v210426jgv1 $31,950.00 Herron 6821 v210426jgv1 $63,900.00
Service entrance 3 phase /800 amp/208 volt	Information not provided.	
UHF - Liquid Cooled Solid State Transmitter 51.6 kW	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-8WB-1-R	**$205,800.00**	**$74,400.00**		**$0.00**	
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	$9,570.00	$8,000.00	N/A	N/A	N/A
Sweep test of existing antenna	$6,730.00	$6,400.00	N/A	N/A	N/A
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	$189,500.00	$60,000.00	N/A	N/A	N/A
Primary Antenna TFU-21ETT /VP-R 04SP	**$331,470.00**	**$244,162.00**		**$201,745.80**	
Tower Top Interface	***$20,000.00***	$20,000.00	N/A	N/A	N/A

AFM 6-75 CH21 18 inches LONG, EXTERIOR	***$2,940.00***	$2,940.00	See the attached / uploaded PDF file titled "Die MAN01580 v210415gv1.pdf"	$2,646.00	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	$12,300.00	$10,710.00	See the attached / uploaded PDF file titled "Die MAN01580 v210415gv1.pdf"	$9,639.00	N/A
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	$204,112.00	Estimated Cost is the new Primary Antenna and V pol; See the attached / uploaded PDF file titled "Die MAN01580 v210415gv1.pdf"	$183,700.80	N/A
Sub-total	$537,270.00	$318,562.00	N/A	$201,745.80	N/A
Total for all systems	$2,057,252.84	$2,065,941.84	N/A	$770,666.47	N/A

Components

Actual Information Description	File Name

Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	Information not provided.
Sweep test of existing antenna	Information not provided.
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	Information not provided.
Tower Top Interface	Information not provided.
AFM 6-75 CH21 18 inches LONG, EXTERIOR	**Component Description:** Die MAN01581 v210415gv1 **Amount:** $1,323.00 **Component Description:** Die MAN01580 v210415gv1 **Amount:** $1,323.00
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	**Component Description:** Die MAN01581 v210415gv1 **Amount:** $4,819.50 **Component Description:** Die MAN01580 v210415gv1 **Amount:** $4,819.50
Sweep test of existing antenna	**Component Description:** Die MAN01580 v210415gv1 **Amount:** $2,880.00 **Component Description:** Die MAN01581 v210415gv1 **Amount:** $2,880.00

UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	**Component Description:** **Amount:**	Die MAN01581 v210415gv1 $83,514.15
	Component Description: **Amount:**	Die MAN01580 v210415gv1 $8,336.25
	Component Description: **Amount:**	Die MAN01581 v210415gv1 $8,336.25
	Component Description: **Amount:**	Die MAN01580 v210415gv1 $83,514.15

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	**$127,800.00**	**$121,500.00**		**$0.00**	
Rigid Transmission Line - copper, 4 1 /16"	$127,800.00	$121,500.00	N/A	N/A	N/A
Primary Transmission Line	**$26,719.00**	**$26,719.00**		**$1,547.10**	
Retuning	***$25,000.00***	$25,000.00	N/A	N/A	N/A
RTLSCR675-20	***$1,719.00***	$1,719.00	See the attached / uploaded PDF file titled "Die MAN01580 v210415gv1.pdf"	$1,547.10	N/A
Sub-total	$154,519.00	$148,219.00	N/A	$1,547.10	N/A
Total for all systems	$2,057,252.84	$2,065,941.84	N/A	$770,666.47	N/A

Components

Actual Information Description	File Name
Rigid Transmission Line - copper, 4 1/16"	Information not provided.
Retuning	Information not provided.

RTLSCR675-20	**Component Description:**	Die MAN01580 v210415gv1
	Amount:	$773.55
	Component Description:	Die MAN01581 v210415gv1
	Amount:	$773.55

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	**$381,100.00**	**$575,437.00**		**$376,961.00**	
Minor tower reinforcement /modifications	$158,000.00	$75,000.00	N/A	N/A	N/A
Tall Tower (greater than 500')	$210,500.00	$488,437.00	See attached / uploaded PDF files titled "FDH SIN002490R v210422jgv1.pdf" and "FDH E-177476 v210426jgv1.pdf"	$371,461.00	N/A
Structural engineering tower load study for well documented tower	$12,600.00	$12,000.00	N/A	$5,500.00	N/A
Sub-total	$381,100.00	$575,437.00	N/A	$376,961.00	N/A
Total for all systems	$2,057,252.84	$2,065,941.84	N/A	$770,666.47	N/A

Components

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

Tall Tower (greater than 500')	**Component Description:** **Amount:**	FDH SIN002490R v210422jgv1 $127,242.50
	Component Description: **Amount:**	FDH E-177476 v210426jgv1 $116,976.00
	Component Description: **Amount:**	FDH SIN006100 v210422jgv1 $127,242.50
Structural engineering tower load study for well documented tower	**Component Description:** **Amount:**	FDH 158502 v210426jgv1 $5,500.00

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 Justificatior
Outside Professional Services	**$80,361.75**	**$65,276.75**		**$40,201.75**	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	$3,155.00	$4,300.00	See attached invoices	$4,300.00	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	$3,995.00	See attached invoices.	$3,995.00	N/A
Project management of the transition	***$17,833.00***	$17,833.00	See attached / uploaded PDF files titled, "Osborn 39689 v210125pmv1; Osborn 40022 v210125pmv1, Osborn 40308 v210125pmv1, Osborn 40656 v210125pmv1 & Osborn 40961 v210125pmv1"	$17,833.00	N/A

Other Engineering Services	***$13,398.75***	$13,398.75	N/A	$13,398.75	N/A
RF Exposure Measurements	$21,050.00	$10,000.00	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	$0.00	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	$675.00	N/A
Sub-total	$80,361.75	$65,276.75	N/A	$40,201.75	N/A
Total for all systems	$2,057,252.84	$2,065,941.84	N/A	$770,666.47	N/A

Components

Actual Information Description	File Name
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	**Component Description:** Osborn 39395 v210114pmv1 **Amount:** $825.00 **Component Description:** Osborn 37442 v210412pmv1 **Amount:** $3,475.00
Perform engineering study for new channel assignment and antenna development	Information not provided.

Prepare and or review reimbursement form	**Component Description:** Osborn 40022 v210125pmv1 **Amount:** $1,585.00 **Component Description:** Osborn 39395 v210114pmv1 **Amount:** $250.00 **Component Description:** Osborn 42170 v210412pmv1 **Amount:** $1,440.00 **Component Description:** Osborn 41455 v210412pmv1 **Amount:** $210.00 **Component Description:** Osborn 39689 v210125pmv1 **Amount:** $25.00 **Component Description:** Osborn 41749 v210412pmv1 **Amount:** $60.00 **Component Description:** Osborn 40308 v210125pmv1 **Amount:** $150.00 **Component Description:** Osborn 38633 v210114pmv1 **Amount:** $275.00
Project management of the transition	**Component Description:** Osborn 42170 v210412pmv1 **Amount:** $79.00

Component Description: Osborn 40022 v210125pmv1
Amount: $1,422.00

Component Description: Osborn 37047 v210412pmv1
Amount: $300.00

Component Description: Osborn 38335 v210114pmv1
Amount: $790.00

Component Description: Osborn 39395 v210114pmv1
Amount: $3,652.00

Component Description: Osborn 37442 v210412pmv1
Amount: $1,185.00

Component Description: Osborn 36546 v210308pmv1
Amount: $158.00

Component Description: Osborn 39689 v210125pmv1
Amount: $870.00

Component Description: Osborn 39009 v210114pmv1
Amount: $1,659.00

Component Description: Osborn 40308 v210125pmv1
Amount: $948.00

Component Description:	Osborn 37941 v210412pmv1
Amount:	$150.00
Component Description:	Osborn 40656 v210125pmv1
Amount:	$395.00
Component Description:	Osborn 41455 v210412pmv1
Amount:	$158.00
Component Description:	Osborn 38633 v210114pmv1
Amount:	$1,959.00
Component Description:	Osborn 41749 v210412pmv1
Amount:	$79.00
Component Description:	Osborn 40961 v210125pmv1
Amount:	$869.00
Component Description:	Osborn 39689 v210125pmv1
Amount:	$2,923.00
Component Description:	Osborn 37941 v210412pmv1
Amount:	$237.00

Other Engineering Services	**Component Description:** **Amount:**	Osborn 40022 v210125pmv1 $466.25
	Component Description: **Amount:**	Osborn 37047 v210412pmv1 $9,467.50
	Component Description: **Amount:**	Osborn 39395 v210114pmv1 $3,465.00
RF Exposure Measurements	Information not provided.	
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.	
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.	
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.	
Prepare request for Special Temporary Authorization	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	**Component Description:** **Amount:**	Osborn 39689 v210125pmv1 $675.00

Cost Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	**$94,086.82**	**$93,481.82**		**$28,396.82**	
Viewer call assistance service	***$20,896.82***	$20,896.82	See attached / uploaded PDF file titled "Inktel 35286 v210427jgv1.pdf"	$20,896.82	N/A
Equipment Storage	***$25,000.00***	$25,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	***$15,000.00***	$15,000.00	N/A	N/A	N/A
Local Zoning	***$15,000.00***	$15,000.00	N/A	N/A	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
Develop and air announcement of upcoming channel change	***$0.00***	$0.00	N/A	N/A	N/A

MVPD Notification of Channel Change	***$5,000.00***	$5,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	$11,550.00	$11,000.00	N/A	$7,500.00	N/A
FCC Filing Fees - Form 2100 minor change CP application	$1,110.00	$1,070.00	N/A	N/A	N/A
Sub-total	$94,086.82	$93,481.82	N/A	$28,396.82	N/A
Total for all systems	$2,057,252.84	$2,065,941.84	N/A	$770,666.47	N/A

Components

Actual Information Description	File Name	
Viewer call assistance service	**Component Description:** **Amount:**	Inktel 35286 v210427jgv1 $20,896.82
Equipment Storage	Information not provided.	
Equipment Delivery and Handling Charges	Information not provided.	
Local Zoning	Information not provided.	
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
Develop and air announcement of upcoming channel change	Information not provided.	

MVPD Notification of Channel Change	Information not provided.	
DTV Medical Facility Notification	**Component Description:** **Amount:**	RF Notifs 1438 v200721gv1 $3,750.00
	Component Description: **Amount:**	RF Notifs 1154 v210413gv1 $3,750.00
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.	

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	$2,057,252.84	$2,065,941.84	$770,666.47

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.	**Jeffrey C Gehman** *Engineering Associate* 04/27/2021

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.	**Jeffrey C Gehman** *Engineering Associate* 04/27/2021

Attachments