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: **73195** | Service: **DTV** | Call Sign: **WKYC** | Channel: **19 (UHF)**

File Number: **0000028022**

FRN: **0024376642** | Date Submitted: **10/18/2021**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
WKYC-TV, LLC	Denise Branson, Sr. Paralegal TEGNA Inc. 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
Gary Davis *Regional Head of Technology and Operations* *TEGNA*	Gary Davis 8350 Broad Street Suite 2000 Tysons, VA 22102 United States	+1 (404) 873-9199	gadavis@tegna.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	WKYC operates on a shared tower with WVIZ. Each stations has separate transmitters antennas and transmission lines. WKYC Will be replacing the Primary and Aux antenna, transmission line and 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	PWR60 D2
	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	56.4 kW
	Justification for New Transmitter	Station has in excess of 10% TPO headroom and is eligible for a 1-Step-Up Allowance. Reimbursable TPO is 49.6 kW based on initial 90-day filing CP. This would require a ULXTE-80. A 1-Step-Up is the ULXTE-90 and is therefore reimbursable.

Primary Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No

	Switchgear (industrial 800 amp)	No
	Transformer (480V)	Yes
	Power	300 kVA
	Rigid Conduit and Wiring	Yes
	Size	3 inches
	Length	100.0 feet
	Other Electrical Service	Yes
	Description	Additional electrical services required for transmitter installation, including heat exchangers, transformers, cooling pumps, etc.
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?	Yes
	Size	900.0 square feet
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
Freight	Freight
Mask Filter	Mask Filter
RF Accessories	RF Accessories
Installation and Proof	Installation and Proof
OH Sales Tax	OH Sales Tax
Change Orders	Change Orders

Antennas

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

Auxiliary Antenna

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Auxiliary (Backup)
	Description of Use	Use during maintenance or tower work
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	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	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)	930.0 kW
Manufacturer	
Model	TFU24DSC-R 4C150
Year	2008

Auxiliary Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Auxiliary (Backup)
	Description of Use	used during line repair or other tower maintenance
	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	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Broadband Slot
	Number of Stations Supported	1
	Number of Panels/Bays	24
	Lower Limit	488.00 MHz
	Upper Limit	494.00 MHz
	Design power capacity in use	100.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	930.0 kW

Manufacturer	
Model	TFU-24WB-R C160
Year	2019
Justification for New Antenna	Station has a licensed AUX facility and must be replaced. It is necessary to keep station on air during primary antenna replacement & for duration of assigned phase. A TFU-24WB cost is equivalent to a single-channel slot AUX antenna.

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

Auxiliary Antenna

Other Antenna Cost Not Listed

Name	Description
Shipping	$5,400

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?	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	Top Mount
	Antenna position in stack	Bottom
	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)	868.0 kW

Manufacturer	
Model	TFU-20EBT-R 4C150
Year	2008

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?	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	Bottom
	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)	911.0 kW
	Manufacturer	

	Model	TFU-20EBT /VP -R 4C150
	Year	2019
	Justification for New Antenna	Licensed top-mount, bottom-stack antenna cannot be re-tuned for new post-transition frequency and must be replaced. The station is opting to Upgrade the antenna changing to Elliptical polarization.

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
New Top Plate	Existing top-plate and/or bolt pattern may not work for new top-mount antenna
Structural Study	Structural Study
Shipping	Shipping

Transmission Line

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

Auxiliary Transmission Line

Existing Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	backup for tower work and maintenance
	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	1160 feet per run

Auxiliary Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Auxiliary (Backup)
	Description of Use	Backup for maintenance and tower work
	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	19 3/4 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	875 feet per run
	Justification for New Transmission Line	Existing AUX TX line will not work on new channel assignment. Therefore, station must replace existing AUX TX line with new 19-3/4 ft section line for CH19.

Auxiliary Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
TX Line Sweep	Sweep required to verify post-transition channel measures well on new line.

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	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1170 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	1170 feet per run
	Justification for New Transmission Line	Existing 6-1/8" rigid transmission line uses section lengths that are prohibited for post-transition Channel 19. Therefore, station must replace existing line with new 6-1/8" rigid transmission line made up of 20 ft sections.

Primary Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
TX Line Sweep	Sweep required to verify post-transition channel measures well on new 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	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	
	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?	No
	Is tower compliant with Rev G?	Yes
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1265403
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	41° 23' 09.9" N-
	Longitude (NAD83)	081° 41' 20.7" W-
	Overall Structure Height	912.06 feet
	Support Structure Height	912.06 feet
	Ground Elevation Above Mean Sea Level (AMSL)	1040.01 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	6600 Broadview LLC
Date Constructed	06/05/2009

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
18753	WVIZ	DTV

Primary Tower

Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for undocumented /poorly documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	Major Reinforcements needed

Primary Tower

Tower Rigging Costs

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

	Other Tower Expenses Not Listed
Primary Tower	Information not provided.

Outside Professional Services Costs

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	1000
	Explanation	It will be necessary to schedule and coordinate multiple vendors, complete progress reports, and update Schedule 399s. Station does not have available personnel or personnel trained in project management for such complex projects.
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	2
	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	Yes
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	2
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	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	Yes
	Additional Field Engineering Service	Yes

Number of Days	20
Justification	$2,500 per site visit including expenses x 20 days. It is necessary to survey the site, plan the equipment, develop specifications for purchasing, & oversee multiple vendor RF projects. Station does not have available personnel trained in such services.

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

Name	Description
Installation Services	This cost originally listed under installation services. Relocated per FCC staff instructions.
Other Legal Services	Other Legal Services related to the DTV Repack
Other Engineering Services	Other Engineering Services
Pre filing site review	outside engineering firm to review facilities before filling

Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	Yes
	Is Remediation needed?	Yes
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	Yes
	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
Internal labor	Local and Corporate Labor
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	**$3,015,270.72**	**$2,610,066.98**		**$2,573,282.70**	
OH Sales Tax	***$130,554.06***	$130,554.06	See attached / uploaded PDF file titled "Gates US0326478 v200524jgv2.pdf"	$130,554.06	N/A
Installation and Proof	***$82,162.46***	$82,162.46	See attached / uploaded PDF file titled "Gates US0326478 v200524jgv2.pdf"	$82,162.46	N/A
RF Accessories	***$50,110.12***	$50,110.12	See attached / uploaded PDF files titled "Gates US0326478 v200524jgv2.pdf" and "Digikey 61383132 v200420pmv1.pdf"	$50,110.12	N/A
Mask Filter	***$70,609.60***	$70,609.60	See attached / uploaded PDF file titled "Gates US0326478 v200524jgv2.pdf"	$70,609.60	N/A

Freight	***$17,159.48***	$17,159.48	See attached / uploaded PDF file titled "Gates US0326478 v200524jgv2.pdf"	$17,159.48	N/A
Other -- Building Addition Size: 900.0	***$809,675.00***	$809,675.00	900 square foot expansion for new transmitter, including professional fees. See attached WKYC Building justification.	$697,525.61	N/A
Transformer 3 phase /480v - 300 KVA	$36,800.00	$11,474.39	See attached / uploaded PDF file titled "Gates US0326478 v200524jgv2.pdf"	$11,474.39	N/A
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	$1,788,000.00	$1,408,421.87	See attached / uploaded PDF file titled "Gates US0326478 v200524jgv2.pdf"	$1,506,157.21	x

Other Electrical Service: Additional electrical services required for transmitter installation, including heat exchangers, transformers, cooling pumps, etc.	***$25,000.00***	$25,000.00	Additional electrical services required for transmitter installation, including heat exchangers, transformers, cooling pumps, etc.	$14,690.00	N/A
3" Rigid Conduit and Wiring (Cost per foot)	$5,200.00	$4,900.00	N/A	N/A	N/A
Change Orders	***$0.00***	$0.00	See attached / uploaded PDF file titled "Gates US0326478 v200524jgv2.pdf"	($7,160.23)	N/A
Sub-total	$3,015,270.72	$2,610,066.98	N/A	$2,573,282.70	N/A
Total for all systems	$5,552,735.25	$5,198,241.96	N/A	$4,458,222.63	N/A

Components

Actual Information Description	**File Name**	
OH Sales Tax	**Component Description:** **Amount:**	Gates US0326478 v200524jgv2 $130,554.06

Installation and Proof	**Component Description:**	Gates US0326478 v200524jgv2
	Amount:	$40,845.25
	Component Description:	ABC Rental 123801-1 v211005pmv1
	Amount:	$471.96
	Component Description:	Inv JW30004450-1 WKYC TX Install 1 3rd dp UL20180713jg v1
	Amount:	$27,230.17
	Component Description:	Gates inv #JW30004450-1A TX Install 1 6th dp UL20190214jgv1
	Amount:	$13,615.08

RF Accessories	**Component Description:**	Gates US0326478 v200524jgv2
	Amount:	$24,864.99
	Component Description:	Digikey 61383132 v200420pmv1
	Amount:	$380.16
	Component Description:	Inv JW30004450-1 WKYC TX RF accessories 1 3rd dp UL20180713jg v1
	Amount:	$16,576.65
	Component Description:	Gates inv #JW30004450-1A TX RF accessories 1 6th dp UL20190214jgv1
	Amount:	$8,288.32
Mask Filter	**Component Description:**	Gates US0326478 v200524jgv2
	Amount:	$35,304.81
	Component Description:	Gates inv #JW30004450-1A TX Mask Filter 1 6th dp UL20190214jgv1
	Amount:	$11,768.26
	Component Description:	Inv JW30004450-1 WKYC TX Mask Filter 1 3rd dp UL20180713jg v1
	Amount:	$23,536.53

Freight	**Component Description:** **Amount:**	Gates US0326478 v200524jgv2 $17,159.48
Other -- Building Addition Size: 900.0	**Component Description:** **Amount:**	WKYC Osborn inv #29267 Civil Eng UL20180801jg v2 $3,909.60
	Component Description: **Amount:**	Donleys inv #1105-02 TX Bldg Addition pmt 2 UL20190130jgv1 $241,164.27
	Component Description: **Amount:**	Donleys 1105-05 v191003pmv1 $28,589.02
	Component Description: **Amount:**	Donleys inv #1105-01 TX Bldg Addition UL20181106jgv1 $119,311.20
	Component Description: **Amount:**	Inv 265370 WKYC Design Devel UL20180705jg v1 $2,884.87
	Component Description: **Amount:**	Donleys inv #1105-03 TX Bldg Addition pmt 3 UL20190402jgv1 $242,920.58

	Component Description:	WKYC Osborn inv #29512 Civil Eng UL20180815jg v1
	Amount:	$7,457.20
	Component Description:	Donleys 1105-105 v191003pmv1
	Amount:	$14,604.46
	Component Description:	Vocon inv #265447 Design Devel UL20181026jg v1
	Amount:	$5,476.41
	Component Description:	Donleys 1105-04 v191003pmv1
	Amount:	$36,684.41
Transformer 3 phase/480v - 300 KVA	**Component Description:**	Gates US0326478 v200524jgv2
	Amount:	$5,737.20
	Component Description:	Gates inv #JW30004450-1A TX Electrical 1 6th dp UL20190214jgv1
	Amount:	$1,912.39
	Component Description:	Inv JW30004450-1 WKYC TX Electrical 1 3rd dp UL20180713jg v1
	Amount:	$3,824.80

UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	**Component Description:** **Amount:**	Gates US0326478 v200524jgv2 $704,210.94
	Component Description: **Amount:**	Gates US0326478 v191003pmv1 $97,735.34
	Component Description: **Amount:**	Inv JW30004450-1 WKYC Transmitter 1 3rd dp UL20180713jg v1 $469,473.96
	Component Description: **Amount:**	Gates inv #JW30004450-1A Transmitter 1 6th dp UL20190214jgv1 $234,736.97
Other Electrical Service: Additional electrical services required for transmitter installation, including heat exchangers, transformers, cooling pumps, etc.	**Component Description:** **Amount:**	Die 594036 v200116pmv1 $500.00
	Component Description: **Amount:**	Vocon inv #267251 Tech Eng Srvcs UL20190222jgv1 $14,190.00
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	
Change Orders	**Component Description:** **Amount:**	Gates US0326478 v200524jgv2 ($7,160.23)

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 TFU-20EBT /VP -R 4C150	**$344,380.00**	**$327,033.74**		**$295,233.74**	
Shipping	***$6,800.00***	$6,800.00	N/A	N/A	N/A
Structural Study	***$4,050.00***	$4,050.00	See attached / uploaded PDF file titled, "v200608pmv1"	$4,050.00	N/A
New Top Plate	***$25,000.00***	$25,000.00	Existing top-plate and/or bolt pattern may not work for new top-mount antenna	N/A	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	$12,300.00	$21,113.74	See attached invoices & quotes	$21,113.74	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	$289,500.00	$263,670.00	N/A	$263,670.00	N/A

Sweep test of existing antenna	$6,730.00	$6,400.00	N/A	$6,400.00	N/A
Auxiliary Antenna TFU-24WB-R C160	**$216,598.34**	**$214,158.34**		**$164,128.34**	
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
Side mount brackets for high power antennas (if not included in antenna base cost)	$23,150.00	$22,000.00	N/A	N/A	N/A
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	$13,700.00	$13,000.00	N/A	$0.00	N/A
Sweep test of existing antenna	$6,730.00	$6,400.00	N/A	$6,400.00	N/A

UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 930 kW input, directional,, horizontally polarized	***$160,480.00***	$160,480.00	N/A	$150,450.00	N/A
Shipping	***$7,278.34***	$7,278.34	See attached invoices	$7,278.34	N/A
Sub-total	$560,978.34	$541,192.08	N/A	$459,362.08	N/A
Total for all systems	$5,552,735.25	$5,198,241.96	N/A	$4,458,222.63	N/A

Components

Actual Information Description	File Name	
Shipping	Information not provided.	
Structural Study	**Component Description:** **Amount:**	Die 611026 v200608pmv1 $4,050.00
New Top Plate	Information not provided.	

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	**Component Description:** **Amount:**	Die 543010 v190808pmv1 $10,816.25
	Component Description: **Amount:**	Die inv #MAN00845 Elbow complex 45 pct pmt 1 UL20190412jgv3 $4,633.87
	Component Description: **Amount:**	Die inv #MAN01146 Elbow complex 45 pct pmt 2 UL20190418jgv1 $4,633.87
	Component Description: **Amount:**	Die inv #MAN00845 Elbow complex 45 pct pmt 1 UL20190123jgv1 $4,633.87
	Component Description: **Amount:**	Die 495002 v190716pmv1 $1,029.75

UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	**Component Description:** **Amount:**	Die 518008 v200408pmv1 $26,367.00
	Component Description: **Amount:**	Die inv #MAN00845 Primary ant 45 pct pmt 1 UL20190412jgv3 $118,651.50
	Component Description: **Amount:**	Die inv #MAN01146 Primary ant 45 pct pmt 2 UL20190418jgv1 $118,651.50
Sweep test of existing antenna	**Component Description:** **Amount:**	Die inv #MAN00845 Sweep 45 pct pmt 1 UL20190123jgv1 $2,880.00
	Component Description: **Amount:**	Die 613023 v200408pmv1 $640.00
	Component Description: **Amount:**	Die inv #MAN00845 Sweep 45 pct pmt 1 UL20190412jgv3 $2,880.00
	Component Description: **Amount:**	Die inv #MAN01146 Sweep 45 pct pmt 2 UL20190418jgv1 $2,880.00

Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.
Sweep test of existing antenna	**Component Description:** Die 543020 v190723pmv1 **Amount:** $640.00 **Component Description:** Die inv #MAN00841 Aux sweep 45 pct pmt 1 UL20190124jgv1 **Amount:** $2,880.00 **Component Description:** Die inv #MAN00880 Aux sweep 45 pct pmt 2 UL20180706jgv1 **Amount:** $2,880.00

UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 930 kW input, directional,, horizontally polarized	**Component Description:** **Amount:**	Die inv #MAN00841 Aux TX ant 45 pct pmt 1 UL20190124jgv1 $67,702.50
	Component Description: **Amount:**	Die inv #MAN00880 Aux TX ant 45 pct pmt 2 UL20180706jgv1 $67,702.50
	Component Description: **Amount:**	Die 373001 v190716pmv1 $15,045.00
Shipping	**Component Description:** **Amount:**	Die 389007 v190716pmv1 $6,340.00
	Component Description: **Amount:**	Die inv #464003 Freight for Sales Order 1696505 UL20190418jgv1 $938.34

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 Justificatio
Primary Transmission Line	**$242,740.00**	**$224,608.17**		**$218,208.17**	
Rigid Transmission Line - copper, 6 1/8"	$236,340.00	$218,208.17	Dielectric's transmission line prices increased. See attached / uploaded PDF file titled, "Warmus 18024 v200408pmv1"	$218,208.17	N/A
TX Line Sweep	***$6,400.00***	$6,400.00	N/A	N/A	N/A
Auxiliary Transmission Line	**$183,150.00**	**$184,017.09**		**$162,093.40**	
TX Line Sweep	***$6,400.00***	$6,400.00	N/A	N/A	N/A
Rigid Transmission Line - copper, 6 1/8"	$176,750.00	$177,617.09	Dielectric's transmission line prices increased.	$162,093.40	N/A
Sub-total	$425,890.00	$408,625.26	N/A	$380,301.57	N/A
Total for all systems	$5,552,735.25	$5,198,241.96	N/A	$4,458,222.63	N/A

Components

Actual Information Description	File Name
Rigid Transmission Line - copper, 6 1/8"	

Component Description: Warmus 18024 v200520pmv2

Amount: $18,108.55

Component Description: Die 588023 v191004pmv1

Amount: $15,427.50

Component Description: Die inv #MAN00845 Main line 45 pct pmt 1 UL20190412jgv3

Amount: $69,856.61

Component Description: Die inv #MAN01146 Main line 45 pct pmt 2 UL20190418jgv1

Amount: $69,856.61

Component Description: Die 601012 v200408pmv1

Amount: ($2,455.00)

Component Description: Die 495002 v190716pmv1

Amount: $15,523.69

Component Description: Die inv #MAN00845 Main line 45 pct pmt 1 UL20190123jgv1

Amount: $69,856.61

Component Description: Die inv #444012 Cut TX line pc freight UL20190328jgv1

Amount: $828.32

	Component Description: **Amount:**	Cesium TEG09182019 v210719pmv2 $31,061.89
TX Line Sweep	Information not provided.	
TX Line Sweep	Information not provided.	
Rigid Transmission Line - copper, 6 1/8"	**Component Description:** **Amount:**	Die 373001 v190716pmv1 $16,209.34
	Component Description: **Amount:**	Die inv #MAN00841 Aux line 45 pct pmt 1 UL20190124jgv1 $72,942.03
	Component Description: **Amount:**	Die inv #MAN00880 Aux line 45 pct pmt 2 UL20180706jgv1 $72,942.03

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 Cos Justificati
Primary Tower TOWER	**$868,300.00**	**$947,533.45**		**$806,684.45**	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	$421,000.00	$400,000.00	N/A	$284,151.00	N/A
Major tower reinforcement /modifications	$421,000.00	$522,533.45	See attached invoice and quotes; See attached / uploaded PDF file titled, "Warmus 18087 v200408pmv1"	$522,533.45	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	$26,300.00	$25,000.00	N/A	N/A	N/A
Sub-total	$868,300.00	$947,533.45	N/A	$806,684.45	N/A
Total for all systems	$5,552,735.25	$5,198,241.96	N/A	$4,458,222.63	N/A

Components

Actual Information Description	File Name
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	**Component Description:** Deep South 8961 v200207jgv2 **Amount:** $284,151.00 **Component Description:** Deep South 8961 v200207jgv1 **Amount:** $142,075.50
Major tower reinforcement /modifications	**Component Description:** Warmus 17975 v190930jgv3 **Amount:** $233,792.45 **Component Description:** Warmus 18087 v200508pmv2 **Amount:** $4,590.00 **Component Description:** Deep South 9210 v200116pmv1 **Amount:** $284,151.00 **Component Description:** Warmus 17975 v190514jgv1 **Amount:** $233,792.45
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	Information not provided.

Cost Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual C Justifica
Outside Professional Services	**$515,038.55**	**$525,571.55**		**$177,096.83**	
Installation Services	***$95,293.55***	$95,293.55	N/A	N/A	N/A
Additional Field Engineering Service, 20 Days	***$50,000.00***	$50,000.00	$2,500 per site visit including expenses x 20 days. It is necessary to survey the site, plan the equipment, develop specifications for purchasing, & oversee multiple vendor RF projects. Station does not have available personnel trained in such services.	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	$80,000.00	N/A	$30,267.64	N/A

FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	$2,105.00	$2,000.00	N/A	$550.00	N/A
ASR modification (prepare FCC Form 854)	$2,105.00	$2,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	$7,360.00	$7,000.00	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 - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	$4,210.00	$4,000.00	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	$4,100.00	$3,000.00	N/A	$3,000.00	N/A
RF Consulting Engineer Fees-Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	$1,580.00	$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
RF Consulting Engineer Fees-Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	$2,105.00	$2,000.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	$3,155.00	$3,000.00	N/A	N/A	N/A

Address transition timing and coordination issues w/ other stations and wireless	$2,630.00	$2,500.00	N/A	N/A	N/A
Prepare and or review reimbursement form	$2,630.00	$29,578.00	The Estimate Cost includes Form 399 submissions including ongoing Actual Cost invoice prep and submission, and amendments as needed.	$29,578.00	N/A
Project management of the transition	$158,000.00	$150,000.00	It will be necessary to schedule and coordinate multiple vendors, complete progress reports, and update Schedule 399s. Station does not have available personnel or personnel trained in project management for such complex projects.	$84,652.10	N/A
Perform engineering study for new channel assignment and antenna development	$7,360.00	$7,000.00	N/A	N/A	N/A
Pre filing site review	***$20,000.00***	$20,000.00	N/A	N/A	N/A

Other Engineering Services	***$27,950.00***	$27,950.00	The Estimated Cost includes other engineering services such as RF calculations, evolving transition plan calculations, bid spec prep / distribution / award recommendation / etc and discussion, etc.	$27,950.00	N/A
Other Legal Services	***$10,000.00***	$10,000.00	Other Legal Services related to the DTV Repack	$424.09	N/A
Sub-total	$515,038.55	$525,571.55	N/A	$177,096.83	N/A
Total for all systems	$5,552,735.25	$5,198,241.96	N/A	$4,458,222.63	N/A

Components

Actual Information Description	File Name
Installation Services	Information not provided.
Additional Field Engineering Service, 20 Days	Information not provided.
RF Exposure Measurements	Information not provided.

Comprehensive coverage verification via field study, if needed	**Component Description:** **Amount:**	Osborn 37445 v211005pmv1 $13,389.16
	Component Description: **Amount:**	Osborn 38340 v211018pmv2 $7,025.38
	Component Description: **Amount:**	Osborn 37050 v211005pmv1 $1,844.70
	Component Description: **Amount:**	Osborn 37945 v211005pmv1 $8,008.40
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	**Component Description:** **Amount:**	Osborn 35004 v200513jgv1 $550.00
ASR modification (prepare FCC Form 854)	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 - Aux Antenna, prepare and File Form 2100 Construction Permit or License 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	**Component Description:** Osborn 34584 v190808jgv1 **Amount:** $3,000.00 **Component Description:** Osborn 34584 v190808jgv1 **Amount:** $3,000.00
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	**Component Description:** Osborn 35813 v200721pmv1 **Amount:** $675.00
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.
Prepare and or review reimbursement form	**Component Description:** Osborn 42161 v210407pmv1 **Amount:** $275.00

Component Description:	Osborn 38974 v200721pmv1
Amount:	$2,285.00
Component Description:	Osborn 37926 v210407pmv1
Amount:	$2,225.00
Component Description:	Osborn 32833 v190613pmv1
Amount:	$1,300.00
Component Description:	Osborn 40953 v201218pmv1
Amount:	$50.00
Component Description:	Osborn 37431 v210407pmv1
Amount:	$1,845.00
Component Description:	Osborn 40287 v201218pmv1
Amount:	$105.00
Component Description:	Osborn 35813 v200721pmv1
Amount:	$745.00
Component Description:	KGA 980-266 v211005pmv1
Amount:	$584.00
Component Description:	Osborn 31135 v200330jgv1
Amount:	$675.00

Component Description: Osborn 38611 v200720pmv1
Amount: $1,175.00

Component Description: Osborn 33858 v200408jgv2
Amount: $1,475.00

Component Description: KGA 980-269 v211018jgv2
Amount: $278.00

Component Description: Osborn 34584 v190808jgv1
Amount: $1,388.00

Component Description: Osborn 39674 v201218pmv1
Amount: $695.00

Component Description: Osborn 32204 v200330jgv1
Amount: $1,600.00

Component Description: Osborn 35004 v200513jgv1
Amount: $1,205.00

Component Description: Osborn 30007 v200326jgv1
Amount: $1,235.00

Component Description: Osborn 39379 v201116pmv1
Amount: $2,400.00

Component Description:	Osborn 36541 v200326jgv1
Amount:	$2,275.00
Component Description:	KGA 980-243 v210908pmv1
Amount:	$908.00
Component Description:	Osborn 35399 v200721pmv1
Amount:	$1,315.00
Component Description:	Osborn 41735 v210407pmv1
Amount:	$390.00
Component Description:	Osborn 37031 v210407pmv1
Amount:	$295.00
Component Description:	Osborn 39990 v210107jgv2
Amount:	$1,400.00
Component Description:	Osborn 36190 v200924jgv2
Amount:	$905.00
Component Description:	Osborn 38316 v200724pmv1
Amount:	$290.00
Component Description:	Osborn 40650 v201218pmv1
Amount:	$200.00

	Component Description: **Amount:**	Osborn 41439 v210407pmv1 $60.00
Project management of the transition	**Component Description:** **Amount:**	Osborn 42161 v210407pmv1 $79.00
	Component Description: **Amount:**	Osborn 40953 v201218pmv1 $237.00
	Component Description: **Amount:**	Osborn 41439 v210407pmv1 $316.00
	Component Description: **Amount:**	Osborn 34124 v210629pmv2 $15,112.50
	Component Description: **Amount:**	Osborn 40287 v201218pmv1 $316.00
	Component Description: **Amount:**	Osborn 34594 v190808jgv1 $3,075.00
	Component Description: **Amount:**	Osborn 31792 v200326jgv1 $93.20
	Component Description: **Amount:**	Osborn 30486 v200408jgv2 $2,235.00

Component Description:	Osborn 31135 v200330jgv1
Amount:	$300.00
Component Description:	Osborn 33858 v200408jgv2
Amount:	$150.00
Component Description:	Osborn 35004 v200513jgv1
Amount:	$300.00
Component Description:	Osborn 39674 v201218pmv1
Amount:	$208.00
Component Description:	Osborn inv #28997 Proj Mgt March 31, 2018 - April 27, 2018 UL20190212jgv1
Amount:	$6,725.00
Component Description:	Osborn 39379 v201116pmv1
Amount:	$3,468.00
Component Description:	Osborn 39990 v210107jgv2
Amount:	$474.00
Component Description:	Osborn 36190 v200924jgv2
Amount:	$10,965.00

Component Description:	Osborn 33668 v190618pmv1
Amount:	$300.00
Component Description:	Osborn inv #26015 Prof srvcs 170530 - 170728 UL20181107jg v1
Amount:	$14,548.92
Component Description:	Inv 29214 WKYC Proj Mgt 180428-180525 UL20180706jg v1
Amount:	$4,350.00
Component Description:	Osborn 30007 v200326jgv1
Amount:	$4,035.00
Component Description:	Osborn 40650 v201218pmv1
Amount:	$79.00
Component Description:	Osborn inv #28588 Proj Mgt thru March 30, 2018 UL20180815jgv1
Amount:	$975.00
Component Description:	Osborn 41735 v210407pmv1
Amount:	$316.00
Component Description:	Osborn 33858 v200408jgv2
Amount:	$7,492.50

	Component Description: **Amount:**	Osborn 32204 v200330jgv1 $300.00
	Component Description: **Amount:**	Osborn inv #29833 Prof srvcs 180526 - 180629 UL20190207jgv1 $7,842.50
	Component Description: **Amount:**	Osborn 35399 v200721pmv1 $359.48
Perform engineering study for new channel assignment and antenna development	Information not provided.	
Pre filing site review	Information not provided.	
Other Engineering Services	**Component Description:** **Amount:**	MSW 7315 v210319jgv1 $15,370.00
	Component Description: **Amount:**	Osborn 35813 v200721pmv1 $9,947.50
	Component Description: **Amount:**	Osborn 38611 v200720pmv1 $577.50
	Component Description: **Amount:**	Osborn 37031 v210407pmv1 $2,055.00

Other Legal Services	**Component Description:**	Covington inv #60796723 Various Legal UL20181024jgv1
	Amount:	$174.42
	Component Description:	Covington 60801029 v190712jgv2
	Amount:	$144.71
	Component Description:	Covington 60805585 v190513pmv1
	Amount:	$34.53
	Component Description:	Covington 60801032 v190510pmv1
	Amount:	$77.00
	Component Description:	Covington 60801032 v190715jgv2
	Amount:	$70.43
	Component Description:	Covington 60801032 v190530jgv2
	Amount:	$70.43
	Component Description:	Covington 60801029 v190513pmv1
	Amount:	$164.44

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	**$167,257.64**	**$165,252.64**		**$61,495.00**	
Viewer call assistance service	***$18,278.06***	$18,278.06	N/A	$18,278.06	N/A
Internal labor	***$24,231.00***	$24,231.00	N/A	N/A	N/A
MVPD Notification of Channel Change	***$6,000.00***	$6,000.00	to notify all MVPD's op up coming testing and transition plans for the market.	$1,935.00	N/A
Develop and air announcement of upcoming channel change	***$6,000.00***	$6,000.00	To create informational spot to notify public of the upcoming change.	$3,270.00	N/A
Equipment Storage	***$15,000.00***	$15,000.00	2 flat bed trailers for 6 Months to store equipment.	$9,786.61	N/A
Equipment Delivery and Handling Charges	***$25,000.00***	$25,000.00	N/A	$18,946.75	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	***$5,528.58***	$5,528.58	N/A	$5,528.58	N/A

Non-zoning permits	***$25,000.00***	$25,000.00	N/A	N/A	N/A
Local Zoning	***$1,200.00***	$1,200.00	Local construction permit.	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
DTV Medical Facility Notification	$11,550.00	$11,000.00	N/A	$3,750.00	N/A
AM Pattern Disturbance -- Remedy	$21,050.00	$20,000.00	N/A	N/A	N/A
AM Pattern Disturbance -- Impact study	$7,890.00	$7,500.00	N/A	N/A	N/A
Sub-total	$167,257.64	$165,252.64	N/A	$61,495.00	N/A
Total for all systems	$5,552,735.25	$5,198,241.96	N/A	$4,458,222.63	N/A

Components

Actual Information Description	**File Name**	
Viewer call assistance service	**Component Description:** **Amount:**	Inktel 33905 v191018pmv1 $18,278.06
Internal labor	Information not provided.	

MVPD Notification of Channel Change	**Component Description:** **Amount:**	Osborn 33858 v200408jgv2 $1,935.00
Develop and air announcement of upcoming channel change	**Component Description:** **Amount:**	2C Media inv #203806 Creation of channel change announcement UL20181016jgv1 $3,270.00
Equipment Storage	**Component Description:** **Amount:**	PMF 267186 v190614jgv1 $97.20
	Component Description: **Amount:**	PMF 278146 v190612jgv1 $367.20
	Component Description: **Amount:**	PMF 278701 v190618jgv1 $448.55
	Component Description: **Amount:**	PMF 266815 v190614jgv1 $1,881.66
	Component Description: **Amount:**	Sergius WKYC-190729 v200408pmv1 $2,000.00
	Component Description: **Amount:**	Die 614007 v200116pmv1 $2,400.00

	Component Description: **Amount:**	PMF 286437 v190905pmv1 $464.40
	Component Description: **Amount:**	PMF 280793 v191003pmv1 $464.40
	Component Description: **Amount:**	PMF 272367 v210628pmv1 $367.20
	Component Description: **Amount:**	PMF 283422 v190808jgv1 $464.40
	Component Description: **Amount:**	PMF 269251 v190510jgv1 $367.20
	Component Description: **Amount:**	PMF 289363 v191211jgv1 $464.40
Equipment Delivery and Handling Charges	**Component Description:** **Amount:**	United 170006813-001 v200508pmv2 $929.96
	Component Description: **Amount:**	Die 588023 v191004pmv1 $616.62
	Component Description: **Amount:**	Die 610029 v200116pmv1 $4,538.57

	Component Description: **Amount:**	Die 547016 v191003pmv1 $3,409.02
	Component Description: **Amount:**	Warmus 18024 v200408pmv1 N/A
	Component Description: **Amount:**	Digikey 61383132 v200420pmv1 $9.71
	Component Description: **Amount:**	Die 597045 v200408pmv1 $368.69
	Component Description: **Amount:**	Die 601012 v200408pmv1 $4,518.60
	Component Description: **Amount:**	Die 597016 v200408pmv1 $1,450.58
	Component Description: **Amount:**	Die 573033 v191003pmv1 $3,105.00
Disposal Costs (for equipment and other waste, net of any salvage value)	**Component Description:** **Amount:**	Republic 0224-008348412 v210609pmv1 $439.52

	Component Description: Republic 0224-008261367 v210611pmv1 **Amount:** $1,278.83 **Component Description:** Republic 0224-008371106 v210611pmv1 **Amount:** $444.47 **Component Description:** Republic 0224-008458341 v210611pmv1 **Amount:** $952.88 **Component Description:** Republic 0224-008496272 v210611pmv1 **Amount:** $328.50 **Component Description:** Republic 0224-008536608 v210611pmv1 **Amount:** $328.50 **Component Description:** Republic 0224-008410402 v200129pmv1 **Amount:** $1,313.83 **Component Description:** Republic 0224-008299077 v210609pmv1 **Amount:** $442.05
Non-zoning permits	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.
DTV Medical Facility Notification	**Component Description:** RF Notifs 1152 v200116pmv1 **Amount:** $3,750.00
AM Pattern Disturbance -- Remedy	Information not provided.
AM Pattern Disturbance -- Impact study	Information not provided.

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	$5,552,735.25	$5,198,241.96	$4,458,222.63

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* 10/18/2021

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* 10/18/2021

Attachments