

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility 54385 Service: DTV Call WDEF-TV Channel:

ID: Sign: **8 (High VHF)** File **0000028097**

Number:

FRN: **0015347529** Date **10/09**

Submitted: /2020

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
WDEF-TV, INC. Doing Business As: WDEF-TV, INC.	Bobby Berry 301 Poplar Street Macon, GA 31201 United States	+1 (478) 745-4141	bberry@morrisnetwork. com	Corporation

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email
Ray Luke Project Manager Custom Specialty Services, Inc.	Ray Luke 17363 Carlton Cuebas Road Gulfport, MS 39503 United States	+1 (228) 297- 2500	ray.css@att. net

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	There has been a change in plan due to the COVID-19 virus. The tower crews have shut down and will not have time to do major mods to main tower. WDEF-TV will have to install a interim site on its small tower to be on air by 07/03/2020.

Transmitters

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

Auxiliary Transmitter

Add Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	use as backup for main when main transmitter is down for repairs or maintance
	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	
Manufacturer and Type	Model	HTEL 1000CD
	Year	2007
	Туре	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	1 kW

Auxiliary Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	VAXTE- 2R37
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	1.2 kW
	Justification for New Transmitter	old transmitter is not supported and cannot be re-tuned.

Auxiliary 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	150 kVA
	Rigid Conduit and Wiring	Yes
	Size	3 inches
	Length	175.0 feet
	Other Electrical Service	Yes

	Description	electrical wiring from old panel to new panel and wiring to new transmitters and equipment
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Туре	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	Yes
	Size	1120.0 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

Auxiliary
Transmitter Unformation not provided.

Other Transmitter Cost Not Listed

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	
Manufacturer and Type	Model	PTCD10P1I
	Year	2007
	Туре	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power Capacity	4 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	VAXTE- 6R37
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	4 kW
	Justification for New Transmitter	Old transmitter is not supported and cannot be re-tuned to new channel

Primary Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	Yes
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	150 kVA
	Rigid Conduit and Wiring	Yes
	Size	3 inches
	Length	175.0 feet

	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Cooling Only
	Size	10 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter

Other Transmitter Cost Not Listed

Name	Description	
PSIP Generator	needed to generate psip for new transmitter	
site survey	site survey by Gates/air to provide electrical drawings and floor plan	

Antennas

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

Add Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Auxiliary (Backup)
	Description of Use	back up antenna use when main system is down for maintance and repairs, will also be used for interim
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this antenna currently shared with any other stations?	No
	Is this antenna directional?	No
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna	Class	Full Power
Manufacturer and Type	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels	N/A

Design power capacity in use	N/A
Lower Limit	N/A
Upper Limit	N/A
Other Antenna Type	N/A
ERP: (Effective Radiated Power)	4.0 kW
Manufacturer	
Model	TLS-V4
Year	2008

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Auxiliary (Backup)
	Description of Use	backup antenna will be used when main is down for maintance and repairs. will also be used as interim
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna	Class	Full Power
Manufacturer and Types	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A

Design power capacity in use	N/A
Other Antenna Type	N/A
ERP: (Effective Radiated Power)	26.0 kW
Manufacturer	
Model	ALV8V7- HSOC-8
Year	2020
Justification for New Antenna	old antenna cannot be re- turned to new channel AND THIS WILL BE USED INTERIM ANTENNA UNTIL MAIN TOWER MODS CAN BE COMPLETED

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	
	Туре	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A

	Feed Line Size	N/A
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?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Other Antenna Cost Not Listed

Name	Description	
Tower mods interim tower	minor mods on interim tower	

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	Horizontal
	Туре	Other
	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	Traveling wave
	ERP: (Effective Radiated Power)	26.0 kW

Manufacturer	
Model	TW-9A12-F
Year	1966

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?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna	Class	Full Power
Manufacturer and Types	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Other
	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	traveling wave
	ERP: (Effective Radiated Power)	26.0 kW
	Manufacturer	

Model	ATW10V3- HTO-8H
Year	2020
Justification for New Antenna	Old antenna can not be re-tuned to new channel.

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	
	Туре	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	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?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Other Antenna Cost Not Listed

Information not provided.

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

Interim Transmission

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Туре	Flexible Air
	Diameter	3 inches
	Segment Length	N/A
	Other Segment Length	
	Number of parallel runs	1
	Length	400 feet per run
	Justification for New Transmission Line	needed for interim site to get station on air by the July 3 deadline

Interim

Other Transmission Line Expenses Not Listed

Transmission Line		Description	
	hardware for 3in line	installation hardware need to install 3in feed line interim system	

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?	Terrain Constrained
	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?	No
Existing Tower Structure	Do you have a tower registration number?	Yes
Registration	ASR Number	1043736
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	35° 08' 06.0" N-
	Longitude (NAD83)	085° 19' 25.0" W-
	Overall Structure Height	639.76 feet
	Support Structure Height	570.86 feet

Ground Elevation Above Mean Sea Level (AMSL)	1907.79 feet
Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	WDEF-TV,
Date Constructed	01/01/1966

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
57827	WDEF-FM	FM

Primary Tower

Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for 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	Terrain constrained

Helicopter Services	Are helicopter services required?	No
Required		

Primary Tower

Other Tower Expenses Not Listed

Name	Description	
reinforcing analysis	reinforcing analysis and engineering	
tower load study	load study for new antennas	

Interim Tower

Tower Construction Costs

Section	Question	Response
Construct New Tower	Use	Interim
	Description of Use	N/A
	Height	350.00 feet
	Justification for New Tower	this tower is om site and will only need minor mods to use as an interim site

Interim Tower

Tower Rigging Costs

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

Interim Tower

Other Tower Expenses Not Listed

Name	Description
minor mods and antenna system install	tower mods and antenna system install for interim use
interim tower permits and fees	city and county permits and fees for interim tower mods
Interim tower analysis	tower analysis and drawings

Outside Professional

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	1255
	Explanation	Station is one of a group of co-owned stations, all of which are subject to repack. There is no group director of engineering and station has only IT engineer on staff. Co-ordination is needed for entire groups transition in different phases.
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	Prepare and file Form FCC Construction Permit Application	Yes
Services	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	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	No

Number of Days	N/A
Justification	N/A

Outside Professional

Other Professional Services Expenses Not Listed

al Şervices Costs	Description
Additional legal fees	Additional legal fees for 399 forms and progress reports

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	Yes
	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)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	No
	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
Building Clean out and disposal	clean out of old analog transmitters, interior wall and removal of current transmitters and replace wall after switch

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 VAXTE-6R37	\$627,490.00	\$324,398.62		\$226,770.59	
PSIP Generator	\$0.00	\$0.00	N/A	N/A	N/A
site survey	\$17,340.00	\$17,340.00	N/A	\$18,518.24	the MS State tax added \$1286.24
10 Ton system	\$38,900.00	\$37,000.00	N/A	\$18,250.00	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$9,100.00	\$0.00	N/A	N/A	N/A
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$0.00	N/A	N/A	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$38,200.00	N/A	\$0.00	N/A
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$0.00	N/A	N/A	N/A

High VHF - Air Cooled Solid State Transmitter 1.1 . 4.4 kW	\$152,500.00	\$173,821.04	this cost is transmitter, mask filter, Rf switch, installation, Proof and state taxes	\$131,964.77	N/A
High VHF - Air Cooled Solid State Transmitter 6.5 . 12.5 kW	\$331,500.00	\$58,037.58	***System Notice: Estimate adjusted and locked because line has been superseded. ***	\$58,037.58	N/A
Auxiliary Transmitter VAXTE-2R37	\$209,498.75	\$167,348.75		\$110,481.64	
Other Building Addition Size: 1120.0	\$0.00	\$0.00	N/A	N/A	N/A
Other Electrical Service: electrical wiring from old panel to new panel and wiring to new transmitters and equipment	\$22,348.75	\$22,348.75	N/A	\$22,348.75	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$9,100.00	\$0.00	N/A	N/A	N/A
Transformer 3 phase	\$25,550.00	\$0.00	N/A	N/A	N/A

Total for all systems	\$3,458,605.92	\$2,639,085.97	N/A	\$1,330,380.88	N/A
Sub-total	\$836,988.75	\$491,747.37	N/A	\$337,252.23	N/A
High VHF - Air Cooled Solid State Transmitter 1.1 . 4.4 kW	\$152,500.00	\$145,000.00	N/A	\$88,132.89	N/A

Components

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High VHF - Air Cooled Solid State Transmitter 1.1 . 4.4	Component Description:	3rd payment on
:W	Component Description.	main TX
	Amount:	\$58,217.08
	Component Description:	Final payment on main TX with
	Amount:	install and proof \$16,181.31
	Component Description:	2nd payment due
	Amount:	to ship main TX \$57,566.38
High VHF - Air Cooled Solid State Transmitter 6.5 . 12.5		
kW	Component Description:	2nd payment to ship main transmitter
	Amount:	\$57,566.38
	Component Description:	gates quote Q- 62747 main
	Amount:	transmitter N/A
	Component Description:	1/3 down
		payment of main transmitter invoice total
	Amount:	\$58,037.58
Other Building Addition Size: 1120.0	Information not provided.	
Other Electrical Service: electrical wiring from old panel to new panel and	Component Description:	electrical wiring
wiring to new transmitters		transmitters and
and equipment		equipment

3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	
Transformer 3 phase/480v - 150 KVA	Information not provided.	
High VHF - Air Cooled Solid State Transmitter 1.1 . 4.4 kW	Component Description: Amount:	3rd payment on aux TX \$17,132.65
	Component Description:	2nd payment to ship BKU transmitter
	Amount:	\$26,520.76
	Component Description:	Gates quote Q- 62748 backup transmitter
	Amount:	N/A
	Component Description:	Final payment aux TX
	Amount:	\$14,508.01
	Component Description:	1/3 down payment gates
	Amount:	backup transmitter \$29,971.47

Cost Information

Antennas

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

Description Primary Antenna	Predetermined Cost Estimate \$314,330.00	Estimated Cost \$313,800.00	Estimated Cost Justification	Actual Cost \$135,394.50	Actual Cost Justification
ATW10V3- HTO-8H					
Elbow complex, single channel, at antenna input, per 3 1/8. feedline (if needed)	\$7,600.00	\$7,400.00	N/A	N/A	N/A
High VHF - High Power Top Mount One Station horizontally polarized	\$300,000.00	\$300,000.00	N/A	\$135,394.50	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
Auxiliary Antenna ALV8V7- HSOC-8	\$176,216.61	\$146,336.61		\$146,336.61	
Tower mods interim tower	\$49,433.75	\$49,433.75	sales tax added	\$49,433.75	sales tax added

Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$0.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$0.00	N/A	N/A	N/A
High VHF - High Power Side Mount One Station horizontally polarized	\$96,902.86	\$96,902.86	sales tax and freight added	\$96,902.86	sales tax and freight added
Sub-total	\$490,546.61	\$460,136.61	N/A	\$281,731.11	N/A
Total for all systems	\$3,458,605.92	\$2,639,085.97	N/A	\$1,330,380.88	N/A

Components

Actual Information Description	File Name
Elbow complex, single channel, at antenna input, per 3 1/8. feedline (if needed)	Information not provided.

High VHF - High Power Top Mount One Station horizontally polarized	Component Description:	E.R.I. second
		payment main
		antenna
	Amount:	\$67,697.25
	Component Description:	30% deposit
		invoice main
		antenna
	Amount:	\$67,697.25
Sweep test of existing antenna	Information not provided.	
Tower mods interim tower		
	Component Description:	50 % down
		payment invoice
		for tower mods
	Amount:	\$23,062.50
	Component Description:	Balance due on
		interim tower
		reinforcement
		material
	Amount:	\$26,371.25
Side mount brackets for	Information not provided.	
high power antennas (if not included in antenna base cost)		
Sweep test of existing antenna	Information not provided.	

High VHF - High Power Side Mount One Station horizontally polarized

Component Description: 50 % down

payment invoice

for interim antenna

Amount: \$44,877.00

Component Description: Balance due

interim antenna with sales tax and

freight added

Amount: \$52,025.86

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	\$23,600.00	\$23,606.43		\$23,606.43	
hardware for 3in line	\$0.00	\$0.00	N/A	N/A	N/A
Flexible Air Transmission Line - dielectric, 3"	\$23,600.00	\$23,606.43	sales tax and freight added	\$23,606.43	added sales tax and freight
Sub-total	\$23,600.00	\$23,606.43	N/A	\$23,606.43	N/A
Total for all systems	\$3,458,605.92	\$2,639,085.97	N/A	\$1,330,380.88	N/A

Components

Actual Information Description	File Name	
hardware for 3in line	Information not provided.	
Flexible Air Transmission Line - dielectric, 3"	Component Description: Amount:	Balance Due interim feed line with sales tax and freight added
	Amount:	\$13,299.40
	Component Description:	50% down payment invoice for interim feed line
	Amount:	\$10,307.03

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 Cost
Interim Tower	\$788,400.56	\$367,400.56		\$297,180.56	
interim tower permits and fees	\$25,122.56	\$25,122.56	permits and fees required by city and county	\$25,122.56	N/A
Interim tower analysis	\$3,550.00	\$3,550.00	tower analysis for interim tower	\$3,550.00	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$0.00	N/A	N/A	N/A
New tower	\$0.00	\$0.00	N/A	N/A	N/A
minor mods and antenna system install	\$338,728.00	\$338,728.00	Interim tower rigging and equipment	\$268,508.00	N/A
Primary Tower TOWER	\$872,300.00	\$891,390.00		\$254,339.00	
Major tower reinforcement /modifications	\$421,000.00	\$567,390.00	Major tower mods including installation of high power top mount antenna	\$180,120.00	N/A

Total for all systems	\$3,458,605.92	\$2,639,085.97	N/A	\$1,330,380.88	N/A
Sub-total	\$1,660,700.56	\$1,258,790.56	N/A	\$551,519.56	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$0.00	N/A	N/A	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$320,000.00	N/A	\$70,219.00	N/A
tower load study	\$0.00	\$0.00	N/A	N/A	N/A
reinforcing analysis	\$4,000.00	\$4,000.00	N/A	\$4,000.00	N/A

Components

Actual Information Description	File Name	
interim tower permits and fees	Component Description: Amount:	City and County permit fees \$25,122.56
	Amount.	Ψ20,122.00

Interim tower analysis		
	Component Description:	interim tower
		analysis and
		drawings
	Amount:	\$3,550.00
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Information not provided.	
New tower	Information not provided.	
minor mods and antenna		
system install	Component Description:	Deposit on tower
		modification
	Amount:	\$84,890.00
	Component Description:	progress billing
		interim tower mods
		and antenna install
	Amount:	\$95,000.00
	Component Description:	Completion of
		interim tower mods
		invoice
	Amount:	\$88,618.00
	Component Description:	Hamilton Co. and
		City of Walden
		Business License,
		Building Permit
		Fee and
		Contractors Fees.
	Amount:	N/A
	Component Description:	Tower analysis
	Component Description:	Tower analysis and report for
	Component Description:	Tower analysis and report for interim tower.

Major tower reinforcement /modifications	Component Description: Amount:	Deposit for reinforcement material main tower \$55,475.00
	Component Description: Amount:	Deposit for main tower mods \$124,645.00
reinforcing analysis		
	Component Description: Amount:	Balance due on order \$2,000.00
	Component Description: Amount:	Deposit with order \$2,000.00
tower load study	Information not provided.	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Component Description: Amount:	Deposit to start tower work \$70,219.00
	Component Description: Amount:	proposal for WDEF antennas install N/A
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 Co
Outside Professional Services	\$348,015.00	\$314,810.00		\$89,528.55	
Additional legal fees	\$8,500.00	\$8,500.00	N/A	\$1,552.50	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	\$50,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$5,000.00	Additional expenses were required due to local issues which arose in connection with the addition of the STA facilities to the existing tower.	\$4,162.50	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	\$4,210.00	N/A	\$2,120.50	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$562.50	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	N/A	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	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	N/A	N/A

Prepare and or review reimbursement form	\$2,630.00	\$15,000.00	The standard estimate for legal fees in connection with seeking reimbursement was inadequate, as it did not take into account the technical issues with the form or the time-	\$8,564.99	N/
			consuming nature of making entries and clarifications or revising invoices.		
Project management of the transition	\$198,290.00	\$188,250.00	N/A	\$72,565.56	N/
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	\$2,105.00	\$2,100.00	N/A	N/A	N/
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	N/A	N/
Sub-total	\$348,015.00	\$314,810.00	N/A	\$89,528.55	N
Total for all	\$3,458,605.92	\$2,639,085.97	N/A	\$1,330,380.88	N/

Components

Actual Information Description	File Name	
Additional legal fees	Component Description: Amount:	Provided legal advice and assistance regarding c.p. extension and interference issues with repack channel. \$562.50
	Component Description: Amount:	Legal advice and counsel in connection with status as linked station \$112.50
	Component Description: Amount:	Provided legal advice and assistance with request for cooperation from WDEF-TV with linked station due to transition complications \$450.00
	Component Description: Amount:	Provided legal advice and counsel regarding repack strategy \$45.00

Component Description: Provide legal

advice concerning MVPD ad medical facilities notices of transition and channel change

Amount: \$112.50

Component Description: Assist with

preparation and filing of required quarterly transition progress report

Amount: \$45.00

Component Description: Legal fees for

review and advice

concerning

quarterly transition progress report required by FCC

Amount: \$112.50

Component Description: Legal advice and

counsel in connection with status as linked

station

Amount: \$112.50

RF Exposure Information not provided.

Measurements

Comprehensive coverage verification via field study, if needed

Information not provided.

Attorney Fees - Prepare		
and File request for Special Temporary	Component Description:	Legal advice and
Authorization		assistance with
		local approval of
		proposed STA
		facilities and
		preparation and
		filing of an STA
		request
	Amount:	\$2,250.00
	Component Perceivitions	المساحة المسائد المسائد
	Component Description:	Legal advice and assistance with
		preparation and
		filing of STA
		request.
	Amount:	\$1,912.50
Attorney Fees -Prepare	Information not provided.	
and File FCC Form 2100		
(main), License to Cover		
Application		
Attorney Fees - Aux		
Antenna, prepare and File	Component Description:	Legal fees for
Form 2100 Construction	,	mediator and
Permit or License		paperwork needed
Application		for county and City
		of Walden. Permits
		needed to move
		forward with mods
		on interim tower
		on interim tower

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Component Description: Amount:	Legal work and assistance in connection with the preparation of Form 2100 application for construction permit. \$450.00
	Component Description: Amount:	Drafted Form 2100 application for construction permit for repack channel \$112.50
		•
	Component Description:	Drafted Form 2100 application for construction permit for repack channel
	Amount:	\$112.50
	Component Description:	Assisted in preparation and filing of Form 2100 application for construction permit for repack channel
	Amount:	\$450.00
Prepare request for Special Temporary Authorization	Information not provided.	
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	Information not provided.	
	1	

Perform engineering study for new channel assignment and antenna development	Information not provided.	
Prepare and or review reimbursement form	Component Description:	Legal advice and services in connection with seeing reimbursement of
	Amount:	expenses. \$562.50
	Component Description:	Legal fees in connection with preparing and prosecuting Form 399
	Amount:	\$675.00
	Component Description:	Legal advice and assistance in seeking reimbursement of expenses
	Amount:	\$112.50
	Component Description:	Legal advice and assistance in seeking reimbursement of expenses
	Amount:	\$112.50
	Component Description:	Legal advice and assistance in seeking reimbursement of expenses
		*

Amount:

\$112.50

Component Description: Legal advice and

counsel with regard

to requesting reimbursement of

expenses

Amount: \$675.00

Component Description: Legal advice and

services in connection with

seeking

reimbursement of

expenses

Amount: \$562.50

Component Description: Fees for legal

advice regarding reimbursement forms, policies, and

procedures

Amount: \$315.00

Component Description: Assisted in

preparation, review, and transmittal of

Form 1876

necessary for cost reimbursement and cost of transmittal

Amount: \$239.99

Component Description: Assisted with

preparation and

filing of

reimbursement request form

Amount: \$112.50

Component Description: Assisted in

preparation, review

and filing of Schedule 399

Amount: \$337.50

Component Description: Fees for legal

advice regarding reimbursement forms, policies, and

procedures -

remaining \$112.50 will be requested in the future after adding an estimate for such costs.

Amount: \$315.00

Component Description: Assisted in

preparation, review

and filing of Schedule 399

Amount: \$337.50

Component Description: Provided advice

and assistance in adding further requested

information to form

and meeting revised

requirements

Amount: \$1,012.50

Component Description: Legal advice and

assistance in seeking

reimbursement of

expenses

Amount: \$112.50

Component Description: Assisted in

determining reason for rejections of invoice, revising and reattaching invoices, dealing with technical issues and

communicating with

staff to obtain assistance with

above

Amount: \$1,575.00

Component Description: Prepared and

submitted to FCC information necessary for

payment of reimbursement

amounts \$202.50

Component Description: Legal advice and

Amount:

assistance in seeking

reimbursement of

expenses

Amount: \$1,125.00

Component Description: Legal advice and

assistance in seeking

reimbursement of

expenses

Amount: \$675.00

Component Description: Assisted in

preparation, review, and transmittal of Form 1876

necessary for cost

reimbursement and cost of transmittal

Amount: \$239.99

Component Description: Legal fees for

assistance in

prosecuting request for reimbursement

of expenses

Amount: \$45.00

Project management of the transition

Component Description: April 2020 PM

invoice

Amount: \$11,149.36

Component Description: JULY 2017

PROJECT

MANAGEMENT

INVOICE

Amount: \$1,945.50

Component Description: Project

Management

invoice

Amount: \$1,744.50

Component Description: Feb. 2019 CSS

invoice 19-0207

Amount: \$975.00

Component Description: CSS March 2019

invoice 19-0307

Amount: \$900.00

Component Description: CSS April 2019 inv

19-0407

Amount: \$412.50

Component Description: May 2019 Project

Management invoice 19-0507

Amount: \$337.50

Component Description: Oct. project

Management

invoice

Amount: \$1,387.50

Component Description: DEC project

management

invoice

Amount: \$1,650.00

Component Description: FEB project

management

invoice

Amount: \$17,639.36

Component Description: CSS July Project

Management invoice 19-0707

Amount: \$1,312.50

Component Description: Jan project

management

invoice

Amount: \$1,987.50

Component Description: WDEF Sept. 2019

Project

Management

invoice 19-0907

Amount: \$1,387.50

Component Description: CSS OCT. 2017

invoice for project management hours

Amount: \$2,587.50

Component Description: WDEF Aug. 2019

Project

Management invoice 19-0807

Amount: \$1,387.50

Component Description: Dec. 2018 CSS

invoice

Amount: \$225.00

Component Description: SEPT 2017

PROJECT

MANAGEMENT

INVOICE

Amount: \$405.00

Component Description: Project

Management

invoice

Amount: \$2,025.00

Component Description: PROJECT

MANAGEMENT HOURS APRIL

2017

Amount: \$2,512.50

Component Description: MAR project

management

invoice

Amount: \$2,700.00

Component Description: MAR 2018

PROJECT

MANAGEMENT

INVOICE

Amount: \$2,550.00

Component Description: CSS JAN. 2018

Invoice for project management hours

Amount: \$1,462.50

Component Description: PROJECT

MANAGEMENT INVOICE SEPT.

2018

Amount: \$450.00

Component Description: PROJECT

MANAGEMENT

INVOICE OCT 2018

Amount: \$487.50

Component Description: Project

Management

invoice

Amount: \$187.50

Component Description: Jan. 2019 CSS

Invoice 19-0107

Amount: \$262.50

Component Description: FEB INVOICE FOR

PROJECT

MANAGEMENT

Amount: \$3,675.00

Component Description: Nov, Project

Management

invoice

Amount: \$4,767.84

Component Description: AUG 2017

PROJECT

MANAGEMENT

INVOICE

Amount: \$312.00

Component Description: Project

Management

invoice

Amount: \$1,387.50

Component Description: MAY 2018

PROJECT

MANAGEMENT

INVOICE

Amount: \$787.50

Component Description: PROJECT

MANAGEMENT

HOURS MAY 2017

Amount: \$760.50

Component Description: PROJECT

MANAGEMENT

HOURS JUNE 2017

Amount: \$804.00

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.

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	\$98,755.00	\$89,995.00		\$46,743.00	
Disposal Costs (for equipment and other waste, net of any salvage value)	\$11,000.00	\$11,000.00	N/A	N/A	N/A
Non-zoning permits	\$2,000.00	\$2,000.00	N/A	N/A	N/A
Local Zoning	\$1,000.00	\$1,000.00	N/A	N/A	N/A
Building Clean out and disposal	\$50,500.00	\$50,500.00	N/A	\$42,443.00	N/A
MVPD Notification of Channel Change	\$1,265.00	\$1,265.00	N/A	\$1,265.00	N/A
Develop and air announcement of upcoming channel change	\$300.00	\$300.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	\$19,500.00	\$19,500.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$2,835.00	N/A	\$2,835.00	N/A

Components

Actual Information Description	File Name
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.
Non-zoning permits	Information not provided.
Local Zoning	Information not provided.

Building Clean out and disposal	Component Description:	clean out of
		channel 12 equipment and replace wall
	Amount:	\$19,865.00
	Component Description:	clean out of old analog equipment and removal of wall
	Amount:	\$22,578.00
MVPD Notification of Channel Change	Component Description:	MVPD
	Amount:	Notifications \$1,265.00
	, till cult.	Ψ1,200.00
Develop and air announcement of upcoming channel change	Information not provided.	
Equipment Delivery and Handling Charges	Information not provided.	
DTV Medical Facility Notification	O	
	Component Description:	Medical Notifications
	Amount:	\$2,835.00
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
FCC Filing Fees - Special Temporary Authorization request	Component Description:	Filing fee for STA request needed to
		make channel
	Amount:	change. \$200.00

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$3,458,605.92	\$2,639,085.97	\$1,330,380.88

Reimbursem	entestiatus	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

Section Question Response

Submission of Estimated Expenses Statements

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.

- 1. The Authorized
 Person signing
 below certifies that he
 /she is authorized to
 submit this TV
 Broadcaster
 Relocation Fund
 Reimbursement
 Form on behalf of
 the above-named
 entity.
- 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.
- 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.

- 4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- 5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
- 7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. Bobby
Berry
Chief
Operating
Officer

10/09/2020

Section Question Response

Submission of Actual Cost Documentation Statements

WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISIONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).

- 1. The Authorized
 Person signing
 below certifies and
 represents that he
 /she is authorized to
 submit this TV
 Broadcaster
 Relocation Fund
 Reimbursement
 Form on behalf of
 the above-named
 entity.
- The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.
- The above-named entity acknowledges that all certifications and attached documentation are considered material representations.

- 4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
- 5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- 6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

- 8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
- 9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. Bobby
Berry
Chief
Operating
Officer

10/09/2020

Attachments