



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **18410** | Service: **DTV** | Call **WIDP** | Channel: **34 (UHF)**
ID: | Sign:
File **0000026596**
Number:
FRN: **0011244886** | Date **01/08**
Submitted: **/2019**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
EBENEZER BROADCASTING GROUP, INC.	WILLIAM ADORNO PO Box 13428 San Juan, Puerto Rico 00908 Puerto Rico	7879990360	ingenieriaebn@gmail. com	Not-for- Profit

Reimbursement Contact Information

Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email
The Preparer is same as the reimbursement contact.			

Broadcaster Information and Transition Plan

Question	Response
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Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	Yes
Briefly describe transition plan	Both station will be planning the installation at the same time with the same rigger company and possibly using the same transmitter/antenna manufacturer. Both stations are co-located in the same tower and share the building.

Transmitters

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	Backup used when Main transmitter fail or needs repair /maintenance
	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	Affinity
	Year	2000
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	0.5 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	EC701HP-BB
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	0.7 kW
	Justification for New Transmitter	Existing transmitter manufacturer not longer on the market.

Auxiliary
Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	Yes
	Size	1 inches
	Length	30.0 feet
	Other Electrical Service	Yes

	Description	Panel breaker, grounding system, connecting cables.
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 leasehold 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

Auxiliary Transmitter

Other Transmitter Cost Not Listed

Name	Description
Transportation and Shipping	Crating, transportation, shipping costs to Puerto Rico
PR Local Taxes	11.5% tax over purchase
System Design Service and Site Survey	Visit to coordinate system design, installation and site survey.
8-Pole Filter	8-Pole Filter 8-VSB adjacent channels

**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	Ultimate TDU2 1K40
	Year	2006
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	1.4 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?	Yes
	Manufacturer	
	Model	EC703HP-BB
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	2.5 kW
	Justification for New Transmitter	Existing transmitter manufacturing company does not exist and/or is not bringing technical support to this transmitter. Transmitter TPO increased to achieve the assigned ERP with the selected antenna and transmission line.

**Primary
Transmitter**

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No

	Power	N/A
	Rigid Conduit and Wiring	Yes
	Size	2 inches
	Length	30.0 feet
	Other Electrical Service	Yes
	Description	Additional protection circuit breaker and surge suppressor, electrical conduits and cables, grounding system, 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 leasehold 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
Shipping and Transportation	Crating, shipping and transportation cost to Puerto Rico

Transmitter 8-Pole Filter	8-Pole filter to protect adjacent channels from IX.
PR Local Taxes	11.5% over purchase
Installation, Commissioning and Proof of Performance	Main TX installation installation, checkout, commissioning, proof of performance, etc.
5 KW RF Package	Includes frame to install filter, system load, directional couplers, 3-port patch. Replace existing RF system (See attachment)

Antennas

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

**Primary
Antenna**

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	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)	50.1 kW

Manufacturer	
Model	ALP32M5- HSP-46
Year	2001

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	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	40.3 kW
	Manufacturer	
	Model	PSILPD24AW-34-CP

Year	2018
Justification for New Antenna	Old slotted antenna is not tunable to new frequency. Antenna slots reduced to decrease the antenna size and weight, and decrease load to the tower. Same antenna pattern of existing one.

Primary Antenna

Other Antenna Costs

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

**Primary
Antenna**

Other Antenna Cost Not Listed

Name	Description
Dehydrator	Transmission line dehydrator, accessories.
PR Local Taxes	11.5% tax over purchase
Transportation Shipping	Crating, shipping, transportation to Puerto Rico
Elbows	Three 1-5/8" Elbows to connect transmission line to antenna
Antenna Tower Installation	Installation and riggers costs

Primary Antenna

Add 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 this antenna currently shared with any other stations?	No
	Is this 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)	50.1 kW

Manufacturer	
Model	ALP32M5- HSP-46
Year	2001

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	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	40.3 kW
	Manufacturer	
	Model	PSILPD24AW- 34-CP

Year	2018
Justification for New Antenna	Old slotted antenna is not tunable to new frequency. Antenna slots reduced to decrease the antenna size and weight, and decrease load to the tower. Same antenna pattern of existing one.

Primary Antenna

Other Antenna Costs

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

**Primary
Antenna**

Other Antenna Cost Not Listed

Information not provided.

**Interim
Antenna**

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Type	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	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)	20.0 kW
	Manufacturer	
	Model	PSILP8AW- 34
	Year	2018

	Justification for New Antenna	To be used during installation of the new main antenna. Antenna could be used later with the new assigned channel after conversion.
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Interim Antenna

Other Antenna Costs

Section	Question	Response
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 an antenna?	No
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Interim Antenna

Other Antenna Cost Not Listed

Name	Description
Shipping, Transportation	Crating, shipping and transportation to Puerto Rico
Antenna Tower Installation	Antenna installation and rigger costs
PR Local Taxes	11.5% local taxes over purchase

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

Interim Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	Flexible Foam
	Diameter	1 5/8 inches
	Segment Length	N/A
	Other Segment Length	
	Number of parallel runs	1
	Length	325 feet per run
	Justification for New Transmission Line	Transmission line to be used with the interim antenna during new main antenna installation. (Transmission line corrected to 325 FT)

Interim Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Connectors Adapters	1-5/8" Adapters, connectors
PR Local Taxes	11.5% Tax over purchase

Transmission Line Installation	Installation and rigger costs related to line installation
Transportation Shipping	Crating, shipping, transportation to Puerto Rico

**Tower
Equipment
And
Rigging
Costs**

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

**Primary
Tower**

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	Yes
	Is tower documented for structural analysis?	No
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1027505
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	18° 16' 37.0" N-
	Longitude (NAD83)	065° 51' 08.0" W-
	Overall Structure Height	265.74 feet
	Support Structure Height	265.74 feet
	Ground Elevation Above Mean Sea Level (AMSL)	2522.94 feet
	Structure Type	LTOWER - Lattice Tower

	Tower Owner	EBENEZER BROADCASTING GROUP INC
	Date Constructed	07/06/2000

**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
67190	WVSN	DTV

Other Types of Users

Users
Internet Wirele

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:	Minor Reinforcements needed

Primary Tower

Tower Rigging Costs

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

**Primary
Tower**

Other Tower Expenses Not Listed

Name	Description
Antennas relocation on tower	Some antennas need to be moved to permit the new installations

**Outside
Professional**

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	200
	Explanation	Religious station with limited technical personnel with the expertise necessary to handle this type of project.
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	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	No

	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	2
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	Yes
	Additional Field Engineering Service	Yes
	Number of Days	10

	Justification	Verify installation and coordination with parallel installations in the same tower, buildings. Coordinate channel switching to new frequency with other stations on August 1, 2018.
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Outside Professional Services Costs **Other Professional Services Expenses Not Listed**
 If provided, please provide details.

Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	No
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	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?	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
Station Personnel	Extra time incurred by station personnel and travel expenses.

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 EC703HP-BB	\$194,803.00	\$172,973.00		\$87,850.52	
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	\$126,000.00	\$104,200.00	From vendor proposal	\$52,100.00	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$780.00	\$750.00	N/A	N/A	N/A
Other Electrical Service: Additional protection circuit breaker and surge suppressor, electrical conduits and cables, grounding system, etc.	\$3,000.00	\$3,000.00	Estimated materials and installation costs.	\$1,004.02	N/A
Installation, Commissioning and Proof of Performance	\$15,800.00	\$15,800.00	From vendor proposal	\$7,900.00	N/A
5 KW RF Package	\$26,036.00	\$26,036.00	From vendor proposal	\$13,018.00	N/A
PR Local Taxes	\$16,000.00	\$16,000.00	Puerto Rico local taxes (11.5%) over purchases	\$10,235.00	N/A

Shipping and Transportation	\$5,340.00	\$5,340.00	From vendor proposal. Amount corrected.	\$2,670.00	N/A
Transmitter 8-Pole Filter	\$1,847.00	\$1,847.00	From vendor proposal. Amount corrected.	\$923.50	N/A
Auxiliary Transmitter EC701HP-BB	\$72,011.00	\$72,011.00		\$31,630.50	
PR Local Taxes	\$8,000.00	\$8,000.00	Puerto Rico 11.5% Tax	N/A	N/A
Transportation and Shipping	\$5,340.00	\$5,340.00	Estimated from vendor proposal. Amount corrected.	\$2,670.00	N/A
UHF - Air Cooled Solid State Transmitter 0.7 kW	\$40,000.00	\$40,000.00	From vendor proposal	\$20,000.00	N/A
1" Rigid Conduit and Wiring	\$400.00	\$400.00	Material and installation.	N/A	N/A
Other Electrical Service: Panel breaker, grounding system, connecting cables.	\$1,500.00	\$1,500.00	Electrical connection, materials and installation.	\$575.00	N/A
System Design Service and Site Survey	\$15,300.00	\$15,300.00	From vendor proposal	\$7,650.00	N/A
8-Pole Filter	\$1,471.00	\$1,471.00	From vendor proposal	\$735.50	N/A

Sub-total	\$266,814.00	\$244,984.00	N/A	\$119,481.02	N/A
Total for all systems	\$904,487.00	\$818,997.00	N/A	\$194,556.22	N/A

Components

Actual Information	
Description	File Name
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	Component Description: Item #1 (2.5Kw Transmitter) 50% Amount: Contract Price \$52,100.00
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
Other Electrical Service: Additional protection circuit breaker and surge suppressor, electrical conduits and cables, grounding system, etc.	Component Description: Electrical Parts Amount: \$1,004.02
Installation, Commissioning and Proof of Performance	Component Description: Item #1 (Instalation) 50% Amount: Contract Price \$7,900.00
5 KW RF Package	Component Description: Item #6 50% Amount: Contract Price \$13,018.00
PR Local Taxes	Component Description: Puerto Rico Local Taxes for Transmitter Amount: \$10,235.00

Shipping and Transportation	Component Description: Airport Entry Cargo Fees	
	Amount: \$709.38	
	Component Description: Ground transportation to the transmission site.	
	Amount: \$400.00	
	Component Description: Item #3 50% Contract Price	
	Amount: \$2,670.00	
Transmitter 8-Pole Filter	Component Description: Item #6 (8 pole Filter) 50% Contract Price	
	Amount: \$923.50	
PR Local Taxes	Information not provided.	
Transportation and Shipping	Component Description: Item #4 (Shipping) 50% Contract Price	
	Amount: \$2,670.00	
UHF - Air Cooled Solid State Transmitter 0.7 kW	Component Description: Item #2 (.7 Kw Aux Transmitter) 50% Contract Price	
	Amount: \$20,000.00	
1" Rigid Conduit and Wiring	Information not provided.	
Other Electrical Service: Panel breaker, grounding system, connecting cables.	Component Description: Labor of the Electrician	
	Amount: \$575.00	

System Design Service and Site Survey	Component Description: Amount:	Item #5 (System Design) 50% Contract Price \$7,650.00
8-Pole Filter	Component Description: Amount:	Item #2 (Aux 8 Pole Filter) 50% Contract Price \$735.50

Cost Information

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Antenna PSILP8AW-34	\$26,680.00	\$26,350.00		\$14,825.00	
UHF - High Power, Side Mount, basic slot antenna, 20 kW input, directional,, horizontally polarized	<i>\$11,550.00</i>	\$11,550.00	Vendor proposal	\$11,550.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
Antenna Tower Installation	<i>\$3,500.00</i>	\$3,500.00	Estimated. Waiting final quote.	N/A	N/A
Shipping, Transportation	<i>\$3,500.00</i>	\$3,500.00	Estimated. Waiting for final costs	\$3,275.00	N/A
PR Local Taxes	<i>\$1,400.00</i>	\$1,400.00	Puerto Rico 11.5% Tax	N/A	N/A
Primary Antenna PSILPD24AW-34-CP	\$108,418.00	\$106,678.00		\$36,778.75	
Antenna Tower Installation	<i>\$10,000.00</i>	\$10,000.00	Estimated until rigger provide final cost.	N/A	N/A
Elbows	<i>\$2,000.00</i>	\$2,000.00	Five 3-1/8" elbows cost, shipping, installation	N/A	N/A

Transportation Shipping	\$4,500.00	\$4,500.00	Estimated. Vendor will provide final cost.	\$0.00	N/A
PR Local Taxes	\$5,500.00	\$5,500.00	Puerto Rico 11.5% Tax	N/A	N/A
Dehydrator	\$4,500.00	\$4,500.00	To pressurize with dry air the transmission line and antenna	\$2,128.75	N/A
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	N/A	N/A
UHF - High Power, Side Mount, basic slot antenna, 40 kW input, directional,, elliptically or circularly polarized	\$46,778.00	\$46,778.00	Old slotted antenna is not tunable to new frequency. Antenna slots reduced to decrease the antenna size and weight, and decrease load to the tower. Same antenna pattern of existing one.	\$34,650.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	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
Primary Antenna PSILPD24AW-34-CP	\$35,140.00	\$0.00		\$0.00	
UHF - High Power, Side Mount, basic slot antenna, 40 kW input, directional,, elliptically or circularly polarized	\$0.00	\$0.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$0.00	N/A	N/A	N/A
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
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$0.00	N/A	N/A	N/A
Sub-total	\$170,238.00	\$133,028.00	N/A	\$51,603.75	N/A
Total for all systems	\$904,487.00	\$818,997.00	N/A	\$194,556.22	N/A

Components

Actual Information	
Description	File Name
UHF - High Power, Side Mount, basic slot antenna, 20 kW input, directional,, horizontally polarized	<div> <div>Component Description:</div> <div>50% Down payment due with order. Balance due prior to shipment.</div> <div>Amount:</div> <div>\$5,775.00</div> </div> <div> <div>Component Description:</div> <div>Final 50% Interim 8 bay antenna.</div> <div>Amount:</div> <div>\$5,775.00</div> </div>
Sweep test of existing antenna	Information not provided.
Antenna Tower Installation	Information not provided.
Shipping, Transportation	<div> <div>Component Description:</div> <div>Freight Charge</div> <div>Amount:</div> <div>\$3,275.00</div> </div>
PR Local Taxes	Information not provided.
Antenna Tower Installation	Information not provided.
Elbows	Information not provided.
Transportation Shipping	Information not provided.
PR Local Taxes	Information not provided.
Dehydrator	<div> <div>Component Description:</div> <div>Final 50 % Item #8 APD-20D Air Dehydrator</div> <div>Amount:</div> <div>\$1,064.38</div> </div> <div> <div>Component Description:</div> <div>First 50% item #8</div> <div>Amount:</div> <div>\$1,064.37</div> </div>

Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.
UHF - High Power, Side Mount, basic slot antenna, 40 kW input, directional,, elliptically or circularly polarized	<div> <div>Component Description:</div> <div>Amount:</div> </div> <div> Main Antenna upgrade. (Station pay upgrade difference Price) \$34,650.00 </div>
Sweep test of existing antenna	Information not provided.
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.
UHF - High Power, Side Mount, basic slot antenna, 40 kW input, directional,, elliptically or circularly polarized	Information not provided.
Sweep test of existing antenna	Information not provided.
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.

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	\$18,750.00	\$17,850.00		\$4,127.45	
Transportation Shipping	<i>\$3,500.00</i>	\$3,500.00	Estimated crating and transportation to Puerto Rico. Waiting for final costs from vendor.	\$505.80	N/A
Transmission Line Installation	<i>\$4,000.00</i>	\$4,000.00	Estimated until rigger provide costs.	N/A	N/A
PR Local Taxes	<i>\$950.00</i>	\$950.00	Puerto Rico 11.5% Tax	N/A	N/A
Connectors Adapters	<i>\$2,500.00</i>	\$2,500.00	N/A	\$1,596.90	N/A
Flexible Foam Transmission Line - dielectric, 1 5 /8"	\$7,800.00	\$6,900.00	N/A	\$2,024.75	N/A
Sub-total	\$18,750.00	\$17,850.00	N/A	\$4,127.45	N/A
Total for all systems	\$904,487.00	\$818,997.00	N/A	\$194,556.22	N/A

Components

Actual Information	
Description	File Name

Transportation Shipping	<div> <div> Component Description: Amount: </div> <div> First 50% Packing Fee Item #9 \$86.26 </div> </div> <div> <div> Component Description: Amount: </div> <div> Freight Charge \$333.29 </div> </div> <div> <div> Component Description: Amount: </div> <div> Final 50% Packing Fee Item #9 \$86.25 </div> </div>
Transmission Line Installation	Information not provided.
PR Local Taxes	Information not provided.
Connectors Adapters	<div> <div> Component Description: Amount: </div> <div> First 50% Connectors supplies. Items # 2, 3, 4, 5, 6, 7. \$798.45 </div> </div> <div> <div> Component Description: Amount: </div> <div> Final 50% Connectors supplies. Items # 2, 3, 4, 5, 6, 7 - PSJ-158EIA 1-5/8" EJA Connector for 1-5/8" -CONN FEE Connector - CLAMP-158 Hanger Kits, Bolit- On -RMA-BI Round Member - Adapter Kit 2-3" - HOIST I-I 58L - GKFORM60-I 58 \$798.45 </div> </div>

Flexible Foam Transmission
Line - dielectric, 1 5/8"

Component Description:

Final 50%
Transmission Line
Item #1

Amount:

\$1,012.37

Component Description:

First 50%
Transmission Line
Item #1

Amount:

\$1,012.38

Cost
Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower LTOWER	\$272,500.00	\$259,000.00		\$0.00	
Short Tower (less than 500')	\$84,200.00	\$80,000.00	N/A	N/A	N/A
Antennas relocation on tower	<i>\$4,000.00</i>	\$4,000.00	Estimated	N/A	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	N/A	N/A	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	\$272,500.00	\$259,000.00	N/A	\$0.00	N/A
Total for all systems	\$904,487.00	\$818,997.00	N/A	\$194,556.22	N/A

Components

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 Cost Justification
Outside Professional Services	\$96,195.00	\$84,750.00		\$19,344.00	
Additional Field Engineering Service, 10 Days	<i>\$5,000.00</i>	\$5,000.00	10 days @ \$500 per day professional services	N/A	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Project management of the transition	\$31,600.00	\$24,000.00	N/A	\$19,344.00	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	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
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$4,100.00	\$3,000.00	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
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$7,360.00	\$7,000.00	N/A	N/A	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	N/A	N/A

Sub-total	\$96,195.00	\$84,750.00	N/A	\$19,344.00	N/A
Total for all systems	\$904,487.00	\$818,997.00	N/A	\$194,556.22	N/A

Components

Actual Information Description	File Name
Additional Field Engineering Service, 10 Days	Information not provided.
RF Exposure Measurements	Information not provided.
Project management of the transition	Component Description: Project Engineering Management Services Amount: \$19,344.00
Prepare and or review reimbursement form	Information not provided.
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.
Perform engineering study for new channel assignment and antenna development	Information not provided.
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
Prepare request for Special Temporary Authorization	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.

Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.
ASR modification (prepare FCC Form 854)	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	\$79,990.00	\$79,385.00		\$0.00	
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	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
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$20,000.00</i>	\$20,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	<i>\$15,000.00</i>	\$15,000.00	N/A	N/A	N/A
Equipment Storage	<i>\$5,000.00</i>	\$5,000.00	N/A	N/A	N/A

Develop and air announcement of upcoming channel change	\$2,500.00	\$2,500.00	N/A	N/A	N/A
MVPD Notification of Channel Change	\$10,000.00	\$10,000.00	N/A	N/A	N/A
Station Personnel	\$14,300.00	\$14,300.00	See attachment "WIDP Station Personnel Expenses"	N/A	N/A
Sub-total	\$79,990.00	\$79,385.00	N/A	\$0.00	N/A
Total for all systems	\$904,487.00	\$818,997.00	N/A	\$194,556.22	N/A

Components

Information not provided.

**Cost
Information**

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$904,487.00	\$818,997.00	\$194,556.22

Reimbursement Status

Question	Response
The facility has ceased operating on its pre-auction channel.	No
Construction of final facilities or all necessary modifications are complete.	No
All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator.	No

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<p>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.</p>	
		<ol style="list-style-type: none"> 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.

<p>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.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Ricardo Montanez <i>President of board</i></p> <p>01/08/2019</p>

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 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 AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).	
		<ol style="list-style-type: none"> 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.

<p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>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.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>William Adorno <i>General Manager</i></p> <p>01/08/2019</p>

Attachments