

Federal Communications Commission

### (REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility ID: File Number:	18410 000002	Service: DTV 6596	Call Sign:	WIDP	Channel: <b>34 (UHF)</b>
FRN: <b>001</b>	1244886	Date Submitted:	01/29 /2019		

# Applicant Name, Type, and Contact Information

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

#### 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
	The Preparer is same as the reimbursement contact.			

Broadcaster	Question
Information	
and	
Transition	
Plan	

Response

Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	Yes
Briefly describe transition plan	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	Add Transmitter Information			
Transmitter	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 /maintenace	
		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	Affinity	
		Year	2000	
		Туре	Solid State	
		Solid State Cooling	Air Cooled	
		Solid State Power Capacity	0.5 kW	

#### Add Transmitter Information

Auxiliary	New Transmitter Costs			
Transmitter	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 Other Transmitter Costs

Transmitter	Section Electrical Service	Question	Response
		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
	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?	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

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

Primary	Existing Transmitter Information			
Transmitter	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	Ultimate TDU2 1K40	
		Year	2006	
		Туре	Solid State	
		Solid State Cooling	Air Cooled	
		Solid State Power Capacity	1.4 kW	

#### **Existing Transmitter Information**

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

#### Other Transmitter Costs

	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 suppresson electrical conduits and cables grounding system, etc
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?	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

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

Antennas Section		Question	Response
Antenna Rela	ated Expenses	Do you have antenna related expenses?	Yes

Primary	Existing Antenna Information			
Antenna	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	Class	Full Power	
	Manufacturer and Type	Mounting	Side 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)	50.1 kW	

	Manufacturer	
	Model	ALP32M5- HSP-46
-	Year	2001

Primary	New Antenna Costs				
Antenna	Section	Question	Response		
	New Antenna	Use	Primary (Main)		
	Description	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		
		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)	40.3 kW		
		Manufacturer			
		Model	PSILPD24AW 34-CP		

Year	2018
Justification for New Antenna	Old slotted antenna is r tunable to new frequency. Antenna slo reduced to decrease th antenna siz and weight, and decreas load to the tower. Sam antenna pattern of existing one

# Primary Other Antenna Costs

Antenna

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

# Primary Antenna Other Antenna Cost Not Listed

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

Primary	Add Antenna Information		
Antenna	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	Class	Full Power
	Manufacturer and Type	Mounting	Side 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)	50.1 kW
			-

	Manufacturer	
	Model	ALP32M5- HSP-46
-	Year	2001

Primary	New Antenna Costs		
Antenna Section	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	Class	Full Power
	Manufacturer and Typ	Mounting	Side Mount
		Antenna position in stack	Not in Stack
		Polarization	Elliptical
		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)	40.3 kW
		Manufacturer	
		Model	PSILPD24AW 34-CP

Year	2018
Justification for New Antenna	Old slotted antenna is r tunable to new frequency. Antenna slo reduced to decrease th antenna siz and weight, and decreas load to the tower. Sam antenna pattern of existing one

# Primary Other Antenna Costs

Antenna

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

# Primary<br/>AntennaOther Antenna Cost Not ListedInformation not provided.

Interim	New Antenna Costs		
Antenna	Section	Question	Response
New Antenna Descript	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
		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)	20.0 kW
		Manufacturer	
		Model	PSILP8AW- 34
		Year	2018

ustification for New Antenna

# Interim Other Antenna Costs

Antenna

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 Other Antenna Cost Not Listed

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

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

# Interim New Transmission Line

### Transmission Line.

Transmissio	n Section	Question	Response
	New Transmission Line Costs	Use	Interim
		Description of Use	N/A
		Change Type	Purchase New
		Туре	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 Other Transmission Line Expenses Not Listed

## Transmission

smissio	n <sub>Nallle</sub>	Description
	Connectors Adapters	1-5/8" Adapters, connectors
	PR Local Taxes	11.5% Tax over purchase

nstallation
 Crating, shipping, transportation to Puerto Rico

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

### **Existing Tower**

Primary	Existing Tower			
Tower	Section	Question	Response	
	Existing Tower	Type of change	Modify Existing	
	Description	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	Latitude (NAD83)	18° 16' 37.0" N-	
	(North American Datum of 1983))	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 Modification Costs

Tower

Tower

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 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
	I 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	Prepare and file Form FCC Construction Permit Application	Yes
	Services	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

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.

Other Professional Services Expenses Not Listed Professional Services roostsided.

Other	Section	Question	Response
Expenses	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 Not Listed**

Other Expenses	Other Expenses Not Listed			
	Name	Description		
	Station Personnel	Extra time incurred by station personnel and travel expenses.		

#### Transmitters

#### Cost Information

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		\$164,462.02	
Shipping and Transportation	\$5,340.00	\$5,340.00	From vendor proposal. Amount corrected.	\$5,340.00	N/A
Transmitter 8- Pole Filter	\$1,847.00	\$1,847.00	From vendor proposal. Amount corrected.	\$1,847.00	N/A
PR Local Taxes	\$16,000.00	\$16,000.00	Puerto Rico local taxes (11.5%) over purchases	\$10,235.00	N/A
Installation, Commisssioning and Proof of Performance	\$15,800.00	\$15,800.00	From vendor proposal	\$15,800.00	N/A
5 KW RF Package	\$26,036.00	\$26,036.00	From vendor proposal	\$26,036.00	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
2" Rigid Conduit and Wiring (Cost per foot)	\$780.00	\$750.00	N/A	N/A	N/A
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	\$126,000.00	\$104,200.00	From vendor proposal	\$104,200.00	N/A
Auxiliary Transmitter EC701HP-BB	\$72,011.00	\$72,011.00		\$62,686.00	
Transportation and Shipping	\$5,340.00	\$5,340.00	Estimated from vendor proposal. Amount corrected.	\$5,340.00	N/A
System Design Service and Site Survey	\$15,300.00	\$15,300.00	From vendor proposal	\$15,300.00	N/A
8-Pole Filter	\$1,471.00	\$1,471.00	From vendor proposal	\$1,471.00	N/A

1" Rigid Conduit and Wiring	\$400.00	\$400.00	Material and installation.	N/A	N/A
UHF - Air Cooled Solid State Transmitter 0.7 kW	\$40,000.00	\$40,000.00	From vendor proposal	\$40,000.00	N/A
PR Local Taxes	\$8,000.00	\$8,000.00	Puerto Rico 11.5% Tax	N/A	N/A
Sub-total	\$266,814.00	\$244,984.00	N/A	\$227,148.02	N/A
Total for all systems	\$904,487.00	\$818,997.00	N/A	\$302,223.22	N/A

#### Components

Actual Information Description File Name

Shipping and Transportation	Component Description:	ltem #3 45%
		Contract Price
	Amount:	\$2,403.00
	Component Description:	Item #3 Final 5%
	Amount:	Contract Price \$267.00
	Component Description:	Ground
	Amount:	transportation to the transmition site. \$400.00
	Component Description:	Item #3 50% Contract Price
	Amount:	\$2,670.00
	Component Description:	Airport Entry Cargo
	Amount:	Fees \$709.38
ransmitter 8-Pole Filter		
	Component Description:	Item #6 (8 pole Filter) Final 5% Contract Price
	Amount:	\$92.35
	Component Description:	Item #6 (8 pole
		Filter) 45% Contract Price
	Amount:	\$831.15
	Component Description:	Item #6 (8 pole
		Filter) 50%
	Amount:	Contract Price \$923.50

PR Local Taxes		
	Component Description:	Puerto Rico Local Taxes for
		Transmitter
	Amount:	\$10,235.00
Installation,		
Commisssioning and Proof	Component Description:	Item #1
of Performance		(Installation) 45%
		Contract Price
	Amount:	\$7,110.00
	Component Description:	Item #1
		(Instalation) 50%
		Contract Price
	Amount:	\$7,900.00
	Component Description:	ltem #1
		(Installation) Final
		5% Contract Price
	Amount:	\$790.00
5 KW RF Package		
	<b>Component Description:</b>	Item #6 Final 5%
		Contract Price
	Amount:	\$1,301.80
	Component Description:	Item #6 45%
	Amount:	Contract Price \$11,716.20
	Amount.	ψ11,710.20
	Component Description:	ltem #6 50%
		Contract Price

Addit break suppl conde	r Electrical Service: ional protection circuit ker and surge ressor, electrical uits and cables, nding system, etc.	Component Description: Amount:	Electrical Parts \$1,004.02
	gid Conduit and Wiring t per foot)	Information not provided.	
	- Air Cooled Solid Transmitter 1 - 2.5 kW	Component Description:	Item #1 (2.5Kw Transmitter) 50% Contract Price
		Amount:	\$52,100.00
		Component Description:	Item #1 (2.5Kw Transmitter) Finol 5% Contract Price
		Amount:	\$5,210.00
		Component Description:	Item #1 (2.5 KwTransmitter) 45% Contract Price
		Amount:	\$46,890.00
Trans Shipp	sportation and bing	Component Description:	Item #4 (Shipping) final 5% Contract Price
		Amount:	\$267.00
		Component Description:	Item #4 (Shipping) 45% Contract Price
		Amount:	\$2,403.00
		Component Description:	Item #4 (Shipping) 50% Contract Price
		Amount:	\$2,670.00

System Design Service and Site Survey	Component Description: Amount:	Item #5 (System Design) Final 5% Contract Price \$765.00
	Component Description: Amount:	Item #5 (System Design) 45% Contract Price \$6,885.00
	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) Final 5% Contract Price \$73.55
	Component Description: Amount:	Item #2 (Aux 8 Pole Filter) 45% Contract Price \$661.95
	Component Description: Amount:	Item #2 (Aux 8 Pole Filter) 50% Contract Price \$735.50
Other Electrical Service: Panel breaker, grounding system, connecting cables.	Component Description: Amount:	Labor of the Electrician \$575.00
1" Rigid Conduit and Wiring	Information not provided.	

UHF - Air Cooled Solid State Transmitter 0.7 kW	Component Description: Amount:	Item #2 (.7 Kw Aux Transmitter) 45% Contract Price \$18,000.00
	Component Description:	Item #2 (.7 Kw Aux Transmitter) Final 5% Contract Price
	Amount:	\$2,000.00
	Component Description:	Item #2 (.7 Kw Aux Transmitter) 50% Contract Price
	Amount:	\$20,000.00
PR Local Taxes	Information not provided.	

## Antennas

## Cost Information

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

	Predetermined	Estimated	Estimated Cost		Actual Cost
Description	Cost Estimate	Cost	Justification	Actual Cost	Justification
Interim Antenna PSILP8AW-34	\$26,680.00	\$26,350.00		\$14,825.00	
Shipping, Transportation	\$3,500.00	\$3,500.00	Estimated. Waiting for final costs	\$3,275.00	N/A
Antenna Tower Installation	\$3,500.00	\$3,500.00	Estimated. Waiting final quote.	N/A	N/A
PR Local Taxes	\$1,400.00	\$1,400.00	Puerto Rico 11.5% Tax	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
UHF - High Power, Side Mount, basic slot antenna, 20 kW input, directional,, horizontally polarized	\$11,550.00	\$11,550.00	Vendor proposal	\$11,550.00	N/A
Primary Antenna PSILPD24AW- 34-CP	\$108,418.00	\$106,678.00		\$36,778.75	
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
Antenna Tower Installation	\$10,000.00	\$10,000.00	Estimated until rigger provide final cost.	N/A	N/A
Elbows	\$2,000.00	\$2,000.00	Five 3-1/8" elbows cost, shipping, installation	N/A	N/A
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	N/A	N/A
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
Sweep test of existing antenna	\$6,730.00	\$6,400.00	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
Primary Antenna PSILPD24AW- 34-CP	\$35,140.00	\$0.00		\$0.00	
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
Side mount brackets for high power antennas (if not included	\$23,150.00	\$0.00	N/A	N/A	N/A

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
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	\$302,223.22	N/A

# Components

Actual Information Description	File Name	
Shipping, Transportation	Component Description: Amount:	Freight Charge \$3,275.00
Antenna Tower Installation	Information not provided.	
PR Local Taxes	Information not provided.	
Sweep test of existing antenna	Information not provided.	
UHF - High Power, Side Mount, basic slot antenna, 20 kW input, directional,, horizontally polarized	Component Description:	50% Down payment due with order. Balance due prior to
	Amount:	shipment. \$5,775.00
	Component Description: Amount:	Final 50% Interim 8 bay antenna. \$5,775.00

Transportation Shipping	Information not provided.	
PR Local Taxes	Information not provided.	
Dehydrator	Component Description: Amount:	First 50% item \$1,064.37
	Component Description: Amount:	Final 50 % Iten #8 APD-20D A Dehydrator \$1,064.38
Antenna Tower Installation	Information not provided.	
Elbows	Information not provided.	
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.	
Sweep test of existing antenna	Information not provided.	
UHF - High Power, Side Mount, basic slot antenna, 40 kW input, directional,, elliptically or circularly polarized	Component Description:	Main Antenna upgrade. (Stati pay upgrade difference Price
	Amount:	\$34,650.00
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.	

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.

## **Transmission Line**

### Cost Information

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	\$3,500.00	\$3,500.00	Estimated crating and transportation to Puerto Rico. Waiting for final costs from vendor.	\$505.80	N/A
Transmission Line Installation	\$4,000.00	\$4,000.00	Estimated until rigger provide costs.	N/A	N/A
PR Local Taxes	\$950.00	\$950.00	Puerto Rico 11.5% Tax	N/A	N/A
Flexible Foam Transmission Line - dielectric, 1 5 /8"	\$7,800.00	\$6,900.00	N/A	\$2,024.75	N/A
Connectors Adapters	\$2,500.00	\$2,500.00	N/A	\$1,596.90	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	\$302,223.22	N/A

#### Components

Actual Information	
Description	File Name

Transportation Shipping		
	Component Description:	First 50% Packing
	A	Fee Item #9
	Amount:	\$86.26
	Component Description:	Final 50% Packing
		Fee Item #9
	Amount:	\$86.25
	Component Description:	Freight Charge
	Amount:	\$333.29
Transmission Line Installation	Information not provided.	
PR Local Taxes	Information not provided.	
Flexible Foam Transmission		
Line - dielectric, 1 5/8"	Component Description:	First 50%
		Transmission Line
		Item #1
	Amount:	\$1,012.38
	Component Description:	Final 50%
		Transmission Line
		Item #1
	Amount:	\$1,012.37

Component Description:	First 50%
	Connectors
	supplies. Items #
	2, 3, 4, 5, 6, 7.
Amount:	\$798.45
Component Description	Final 500/
Component Description:	Final 50%
	Connectors and
	Adapters supplies.
	Items # 2, 3, 4, 5,
	6, 7.
Amount:	\$798.45
	Amount: Component Description:

## **Tower Equipment and Rigging Costs**

#### Cost Information

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	\$4,000.00	\$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	\$302,223.22	N/A

#### Components

Information not provided.

# **Outside Professional Services**

## Cost Information

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	\$5,000.00	\$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
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 - 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	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 engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	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
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	\$2,500.00	N/A	N/A	N/A
Project management of the transition	\$31,600.00	\$24,000.00	N/A	\$19,344.00	N/A

Total for all	\$904,487.00	\$818,997.00	N/A	\$302,223.22	N/A
systems					

# Components

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

Project management of the transition	Component Description:	Project Engineering Management
	Amount:	Services \$19,344.00

# **Other Expenses**

# Cost Information

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	
Station Personnel	\$14,300.00	\$14,300.00	See attachment "WIDP Station Personnel Expenses"	N/A	N/A
MVPD Notification of Channel Change	\$10,000.00	\$10,000.00	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
Equipment Storage	\$5,000.00	\$5,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	\$15,000.00	\$15,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$20,000.00	\$20,000.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A

FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	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	\$302,223.22	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	\$302,223.22	

Reimbursem	envestialus	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	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.	
		<ol> <li>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.</li> <li>The above-named</li> </ol>	
		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).
- 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.	William Adorno General Maneger 01/29/2019

### Attachments