

DOT

FTA

U.S. Department of Transportation

Federal Transit Administration

Application

Federal Award Identification Number (FAIN)	PR-2019-022-00
Temporary Application Number	5489-2019-31
Application Name	Drydock of Isla Bonita Vessel-Autoridad de Transporte Maritimo (ATM Ferry Service)-Ferry Boat Program (FHWA)
Application Status	Final Concurrence / Reservation
Application Budget Number	0

Part 1: Recipient Information

Name: Highway & Transportation Authority, Puerto Rico

Recipient ID	Recipient OST Type	Recipient Alias	Recipient DUNS
5489	State Agency	PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY	088541391

Location Type	Address	City	State	Zip
Headquarters	SAN JOSE ST CRN SAN FRANCISCO	SAN JUAN	PR	00901
Physical Address	CALLE DE DIEGO # C	SAN JUAN	PR	00923
Mailing Address	PO BOX 42007	SAN JUAN	PR	00940

Union Information

Union Name	HERMANDAD DE EMPLEADOS DE OFICINA, COMERCIO Y RAMAS ANEXAS
Address 1	PO BOX 8599
Address 2	
City	SANTURCE
State	Puerto Rico

Zipcode	00910
Contact Name	ASTRID ROSARIO
Telephone	
Fax	
E-mail	
Website	
Union Name	PROSOL- UTIER CAPÍTULO: AUTORIDAD DE CARRETERAS
Address 1	P.O. Box 13068
Address 2	Calle Cerra #612
City	San Juan
State	Puerto Rico
Zipcode	00908
Contact Name	Juan Jacob
Telephone	7872091966
Fax	
E-mail	cyberianpri@hotmail.com
Website	
Union Name	UNION DE TRONQUISTAS DE PUERTO RICO (UTPR)
Address 1	352 Calle del Parque
Address 2	Parada 23
City	San Juan
State	Puerto Rico
Zipcode	00912
Contact Name	Lcdo. Alexis Rodriguez
Telephone	7877218980
Fax	7877242190
E-mail	unitron@onelinkpr.net
Website	

Part 2: Application Information

Title: Drydock of Isla Bonita Vessel-Autoridad de Transporte Maritimo (ATM Ferry Service)-Ferry Boat Program (FHWA)

FAIN	Application Status	Application Type	Date Created	Last Updated Date	From TEAM?
PR-2019-022-00	Final Concurrence / Reservation	Grant	7/11/2019	7/11/2019	No

Application Start Date

The start date will be set to the date of the award

Application End Date

3/29/2024

Application Executive Summary

This is an application for the Drydock of the Isla Bonita Vessel of the Autoridad de Transporte Maritimo (ATM Ferry Service). The project total cost is for \$3M; for this application a total funds of \$2,328,704 will be requested. The remaining \$671,296 will be from grant PR-2016-008-01.

TOTAL: \$2,328,704 (80% Match); \$465,740 (20% Match, Transportation Development Credits; TDC) [TDC letter by the PRHTA Executive Director will be attached to this application].

The ATM- Ferry service, provides transit services to various municipalities- San Juan- Cataño (Metro service) and Ceiba- Vieques, Ceiba- Culebra (Island service), Puerto Rico.

ATM FACILITIES AND ROUTES**ISLAND SERVICE**

*Vieques Isabel II Terminal

*Culebra Sardinas Terminal

*Ceiba Roosevelt Roads Terminal

METRO SERVICE

*Isla Grande Maintenance Base

*Cataño Terminal

* San Juan Pier II Terminal

The project is for the Drydock of Isla Bonita Vessel. This vessel serves the routes between the main island of Puerto Rico (with the Ferry Terminal located in Ceiba) and the Municipalities of Vieques and Culebra.

The major overhaul for this vessel will include: repairs/replacement of engine rooms, propulsion system, steering room, and main deck and bulkheads. Other major works are proposed to protect equipment in the vessel.

The funding for this project will be from the following sources:

FERRY BOAT PROGRAM (FHWA):

The FHWA Ferry Boat Program Funds are available for designing and construction Ferry boats and for designing, acquiring right-of-way and constructing ferry terminal for facilities.

Ferry Boat Program Funds FY2013 (FHWA): \$466,361

Ferry Boat Program Funds FY2014 (FHWA): \$462,423

Ferry Boat Program Funds FY2015 (FHWA): \$459,500

Ferry Boat Program Funds FY2018 (FHWA): \$313,636

This application will also use funding from:

*Grant PR-2016-008-01 (Section 5311 FY 2016 Preventive Maintenance and Operating Assistance), which has \$671,296 obligated funds for Preventive Maintenance for ATM. (under ALI 11.7A.00)

*Section 5311 FY17 (LAPSING FUNDS; includes Intercity): \$492,272 and Section 5311 FY2018: \$134,512

[Letter from the Governor regarding the Intercity Program will be attached to this application].

The project is programmed in the STIP 2019-2022 (Page; FTA-89).

Useful Life:

-Passenger ferries: At least 25 years (FTA C 5010.1E)

All third-party procurement policies will follow FTA C 4220.1F

PRHTA will ensure all procured contractors are not on the FTA Suspension and Debarment List.

Frequency of Milestone Progress Reports (MPR)

Quarterly

Frequency of Federal Financial Reports (FFR)

Quarterly

Does this application include funds for research and/or development activities?

This award does not include research and development activities.

Pre-Award Authority

This award is using Pre-Award Authority.

Does this application include suballocation funds?

Recipient organization is the Designated Recipient and can apply for and receive these apportioned funds.

Will this Grant be using Lapsing Funds?

Yes, this Grant will use Lapsing Funds.

Will indirect costs be applied to this application?

This award does not include an indirect cost rate.

Indirect Rate Details: N/A

Requires E.O. 12372 Review

No, this application does not require E.O. 12372 Review.

Delinquent Federal Debt

No, my organization does not have delinquent federal debt.

Application Point of Contact Information

First Name	Last Name	Title	E-mail Address	Phone
Zaimara	Vera	Planning Coordinator	zvera@dtop.pr.gov	(787) 721-8787
Maribell	Perez	Transportation Program Specialist	maribell.perez@dot.gov	(787) 771-2528
Holly	Liles	Community Planner	holly.liles@dot.gov	404-865-5637

Application Budget Control Totals

Funding Source	Section of Statute	CFDA Number	Amount
FHWA Ferry Boat Construction & Misc. (Sect. 70)	70 FBD	20205	\$1,701,920
5311 - Rural Area Formula	5311-1A	20509	\$626,784

Local			\$0
Local/In-Kind			\$0
State			\$0
State/In-Kind			\$0
Other Federal			\$0
Transportation Development Credit			\$465,740
Adjustment			\$0
Total Eligible Cost			\$2,328,704

Application Budget

Project Number	Budget Item	FTA Amount	Non-FTA Amount	Total Eligible Amount	Quantity
PR-2019-022-01-00	111-00 (111-A1) BUS - ROLLING STOCK	\$1,701,920.00	\$0.00	\$1,701,920.00	0
PR-2019-022-01-00	11.15.33 DRYDOCK-FERRY BOATS-Ferry Boat Program	\$1,701,920.00	\$0.00	\$1,701,920.00	0
PR-2019-022-02-00	111-00 (111-A2) BUS - ROLLING STOCK	\$626,784.00	\$0.00	\$626,784.00	0
PR-2019-022-02-00	11.15.33 DRYDOCK-FERRY BOATS	\$626,784.00	\$0.00	\$626,784.00	0

Earmark and Discretionary Allocations

This application does not contain earmarks or discretionary allocations.

Part 3: Project Information

Project Title: Drydock of Isla Bonita Vessel-Autoridad de Transporte Maritimo (ATM Ferry Service)

Project Number	Temporary Project Number	Date Created	Start Date	End Date
PR-2019-022-01-00	5489-2019-31-P1	7/11/2019	12/1/2019	1/31/2022

Project Description

This project is for the Drydocking of Isla Bonita Vessel of the Autoridad de Transporte Maritimo (ATM Ferry Service). For this project, a total of \$1,701,920 is being requested (Ferry Boat Program FHWA). The 20% match (\$340,384) will be funded with Transportation Development Credits (TDC).

Isla Bonita is a Passenger/Cargo ferry vessel, built in 2012 and was put in service on June, 2016. It has been in service for a total of 3 years.

Description:

- Gross Tonage (GT)-94
- Passenger Capacity-400
- TEU Cargo Capacity-12
- Single Hull
- Max Speed Knots-15
- Material-Steel

ATM is requesting funding for a major overhaul of the Isla Bonita Vessel. This project will consist of the following Scope of Work:

ENGINE ROOM:

- Main engines major overhaul: Overhaul of four Cummings QSK 38 engines, new computers and electrical components, sensors and hoses.
- Remove and dismantle all seven (7) sea valves.
- Replace four (4) raw water strainer canisters of 5 inches with Groco SEF 500 Series 5 inch flanged mount, replace piping on stainless steel materials, replace bolts, nuts, support bases, hoses and hose clamps.
- Replace two (2) raw water cast iron strainer canisters of 2 inches that serve the generators with two new Groco SA-2000-S pipe of 2 inches
- Renew the steering system, hydraulic tank, pumps, pressure indicators, actuating valves, boxed that allow electrical connection blocks and components.
- Renew both air intake devices that service the engine room.
- Materials to service electrical motor that services the intakes and exhaust fans, refurbish wiring box connections, and renew light indicators and switches.
- Install new 3' bronze inlet strainers and replace cast iron on main raw water system that serves the main fire suction pipe, replace piping arrangement in stainless steel.
- Installation of two John Deer generators units 100kw.
- Relocate the vessel's bilge pump to minimize risk due to water splashing in electric motor
- Renew the vessel's fire pump, including seals, piping, bolts, nuts and strainer canister.
- Install new stainless steel strainer mesh in bilge suction pipe.
- Relocate six battery banks, three port side and three on starboard, including battery charger cases and switches to minimize fire risk.
- Renew bow thruster system, including new hoses, rebuilding of pumps connected to the engine gear, cleanup tank reservoir, new filters, gaskets, correction of leaks.
- Rebuild all four gear boxes Model No. MGX6848, including hoses, oil cooler vibration dampers.
- Renew fuel valves, cross valves, emergency fuel shut off system, grease, repacking and painting of code colors to identify their functions.
- Renew stainless steel materials the fuel pipe and starboard fuel tanks.
- Renew rusted suction pipes in the engine room with galvanized 80 material piping.
- Rebuild manifold valves that service suction system, grease and repack the fire and ballast system.
- Mechanical cleanup of all rusted areas in the engine room, recover with epoxy primer and finish the engine room with white urethane paint.
- Renew three areas on the bottom plate engine rooms of 18x18 inserts.
- Renew stainless steel material all raw water pipes that service the main engine, install a strainer before the oil coolers entrance on raw water.

PROPULSION SYSTEM

- Remove and deliver to qualified shop four each propellers, five blades of 48' x 38' manganese bronze, two LH, and two RH.
- Replace four stainless steel main propulsion shaft of 4 1/2' x 30 feet.
- Replace packing and reinstall shafts and propellers.
- Replace eight cutless bearings of 5 1/4 x 10' inches in main propulsion system including strut and stern

tube.

STEERING SYSTEM

- Remove and drop two rudders.
- Remove and replace cutless bearings, rudder seals, pillow bearings and related components.
- Remove and refurnish both hydraulic cylinders that service the steering system
- Blast entire rudders room compartment and recoat with two coats of epoxy primer and two coats of urethane gray.

HULL CLEANING AND COATING:

- Blast entire areas, including top side sheers gunnels, bottom surface and bow thruster area to obtain a SSPC5 finishing with an adequate anchor profile, apply coats of epoxy primer and coats of premium compatible antifouling painting.

CATHODIC PROTECTION:

- Remove up to forty zinc anodes and reinstall new ones.

VOIDS:

- Clean with water and soap all voids up to 12.

FOREPEAK:

- Blast forepeak, after blasting coat with epoxy primer and coats of premium marine grade paint.

FIRE SUPPRESSION SYSTEM:

- Inspect and recertify the CO2 fire suppression system (Model Ansul Self Contained) including fire extinguishers along the vessel.

-BOW THRUSTER

- Renew genuine Westmar bow thruster Model No. V2024 200 Hp, refitting new hoses and PSI capacities.

ANCHOR WINDLASS

- Service anchor windlass Model No. G2HC and replace 700 of certified cable, hoses and piping, cover for windlass and new cover for control bottom.

MAIN DECK AND BULKWARDS:

- Blast entire cargo deck, including bulkwards, entire super structure, hatches and stern ramp. Apply coats of epoxy primer and coats of premium marine urethane paint.
- Refurnish all hatch access to the engine and rudder rooms, crop rust, repack closing mechanism.
- Replace all valves installed on deck, fuel, oil, wasted oil, and sewage discharge.
- Change all bolts and four nuts on four fire damper access and refit with new stainless steel bolts, nuts and washers new gaskets.
- Blast intake tunnels that provide air to the engine room. Coat with epoxy primer and coat with urethane marine paint.
- Renew the cover wall that holds the insulation to the cargo deck and refit inside portion with new as per original insulation material and new cover. Blast wall on the inside, coat with epoxy primer and coat with premium marine paint.

OTHER

- Change door sensor indicators with new magnetic indicator sensors.
- Renew electrical motor soft start along the vessel electrical motor.
- Refit both passenger rooms with aluminum plates.
- Change main entrance bolted door with new one of same configuration in stainless steel material.
- Change second level doors port and starboard with new stainless steel material, RH and LH outwards window.
- Crop and renew both doors that give access to cargo deck with two new water seal door stainless steel .

- Crop and renew void vents piping on cargo deck and replace with new stainless steel.
- Empty fuel tank, clean and inspect the two fuel tanks.
- Empty waste oil tank and bilge oily water tank.

Project Benefits

This project will provide ATM with a improved vessel that will allow the users of Vieques and Culebra to have a reliable transportation system.

Additional Information

Useful Life:

- Passenger ferries: At least 25 years (FTA C 5010.1E).

Location Description

ATM-Ceiba Ferry Terminal
Roosevelt Roads, Ceiba 00735

Project Location (Urbanized Areas)

UZA Code	Area Name
720000	Puerto Rico
725080	Fajardo, PR

Congressional District Information

State	District	Representative
Puerto Rico	1	Jennifer González

Program Plan Information

STIP/TIP

Date: 7/11/2019

Description: STIP 2019-2022; Page FTA-89

UPWP

Date: N/A

Description: N/A

Long Range Plan

Date: N/A

Description: N/A

Project Control Totals

Funding Source	Section of Statute	CFDA Number	Amount
FHWA Ferry Boat Construction & Misc. (Sect. 70)	70 FBD	20205	\$1,701,920

Local			\$0
Local/In-Kind			\$0
State			\$0
State/In-Kind			\$0
Other Federal			\$0
Transportation Development Credit			\$340,384
Adjustment			\$0
Total Eligible Cost			\$1,701,920

Project Budget

Project Number	Budget Item	FTA Amount	Non-FTA Amount	Total Eligible Amount	Quantity
PR-2019-022-01-00	111-00 (111-A1) BUS - ROLLING STOCK	\$1,701,920.00	\$0.00	\$1,701,920.00	0
PR-2019-022-01-00	11.15.33 DRYDOCK-FERRY BOATS-Ferry Boat Program	\$1,701,920.00	\$0.00	\$1,701,920.00	0

Project Budget Activity Line Items

Budget Activity Line Item: 11.15.33 - DRYDOCK-FERRY BOATS-Ferry Boat Program					
Scope Name / Code	Line Item #	Line Item Name	Activity	Quantity	
BUS - ROLLING STOCK (111-00)	11.15.33	FERRY BOATS	MID LIFE REBUILD (RAIL)	0	

Extended Budget Description

This project is for the Drydock of the Isla Bonita Vessel of the Autoridad de Transporte Maritimo (ATM Ferry Service).

The funding will be from the following sources:

Ferry Boat Program Funds FY2013 (FHWA): \$466,361
Ferry Boat Program Funds FY2014 (FHWA): \$462,423
Ferry Boat Program Funds FY2015 (FHWA): \$459,500
Ferry Boat Program Funds FY2018 (FHWA): \$313,636

Grant PR-2016-008-01 (Section 5311 FY 2016)-\$671,296
Section 5311 FY17 (LAPSING FUNDS; includes Intercity): \$492,272 and Section 5311 FY2018: \$134,512

Under the FBP, a total of \$1,701,920 will be requested.

Passenger ferries: At least 25 years (FTA C 5010.1E)

Will 3rd Party contractors be used to fulfill this activity line item?

Yes, 3rd Party Contractors will be used for this line item.

Propulsion	Fuel Type	Vehicle Condition	Vehicle Size (ft.)
N/A	Diesel Fuel	Used	

Funding Source	Section of Statute	CFDA Number	Amount
FHWA Ferry Boat Construction & Misc. (Sect. 70)	70 FBD	20205	\$1,701,920
Local			\$0
Local/In-Kind			\$0
State			\$0
State/In-Kind			\$0
Other Federal			\$0
Transportation Development Credit			\$340,384
Adjustment			\$0
Total Eligible Cost			\$1,701,920

Milestone Name	Est. Completion Date	Description
RFP/IFB Issue Date	12/2/2019	
Contract Award Date	2/3/2020	
Initial Delivery Date	6/1/2021	
Final Delivery Date	12/1/2021	
Contract Completion Date	2/1/2022	

Project Environmental Findings

Finding: Class II(c) - Categorical Exclusions (C-List)

Class Level Description

Class II(c) consists of projects called categorical exclusions (CEs) which are known not to have, either individually or cumulatively, a significant environmental impact on the human or natural environment and are therefore categorically excluded from the requirement to prepare an environmental assessment or an environmental impact statement. Class II(c) does not require documentation.

Categorical Exclusion Description

Type 07: Acquisition, installation, rehabilitation, replacement, and maintenance of vehicles or equipment, within or accommodated by existing facilities, that does not result in a change in functional use of the facilities, such as: equipment to be located within existing facilities and with no substantial off-site impacts; and vehicles, including buses, rail cars, trolley cars, ferry boats and people movers that can be accommodated by existing facilities or by new facilities that qualify for a categorical exclusion.

Date	Description	Date
	Class IIc CE Approved	

Scope Name / Code	Line Item Number	Line Item Name	Quantity	FTA Amount	Total Eligible Cost
BUS - ROLLING STOCK (111-00)	11.15.33	DRYDOCK-FERRY BOATS-Ferry Boat Program	0	\$1,701,920.00	\$1,701,920.00

Project Title: Drydock of Isla Bonita Vessel-Autoridad de Transporte Maritimo (ATM Ferry Service)

Project Number	Temporary Project Number	Date Created	Start Date	End Date
PR-2019-022-02-00	5489-2019-31-P2	7/12/2019	12/1/2019	1/31/2022

Project Description

This project is for the Drydocking of Isla Bonita Vessel of the Autoridad de Transporte Maritimo (ATM Ferry Service). A total of \$626,784 will be requested under this project. The 20% match (\$125,356) will be funded with Transportation Development Credits (TDC).

Isla Bonita is a Passenger/Cargo ferry vessel, built in 2012 and was put in service on June, 2016. It has been in service for a total of 3 years.

Description:

- Gross Tonage (GT)-94
- Passenger Capacity-400
- TEU Cargo Capacity-12
- Single Hull
- Max Speed Knots-15
- Material-Steel

ATM is requesting funding for a major overhaul of the Isla Bonita Vessel. This project will consist of the following Scope of Work:

ENGINE ROOM:

- Main engines major overhaul: Overhaul of four Cummings QSK 38 engines, new computers and electrical components, sensors and hoses.
- Remove and dismantle all seven (7) sea valves.
- Replace four (4) raw water strainer canisters of 5 inches with Groco SEF 500 Series 5 inch flanged mount, replace piping on stainless steel materials, replace bolts, nuts, support bases, hoses and hose clamps.
- Replace two (2) raw water cast iron strainer canisters of 2 inches that serve the generators with two new Groco SA-2000-S pipe of 2 inches
- Renew the steering system, hydraulic tank, pumps, pressure indicators, actuating valves, boxed that allow electrical connection blocks and components.
- Renew both air intake devices that service the engine room.
- Materials to service electrical motor that services the intakes and exhaust fans, refurbish wiring box connections, and renew light indicators and switches.
- Install new 3' bronze inlet strainers and replace cast iron on main raw water system that serves the main fire suction pipe, replace piping arrangement in stainless steel.

- Installation of two John Deer generators units 100kw.
- Relocate the vessel's bilge pump to minimize risk due to water splashing in electric motor
- Renew the vessel's fire pump, including seals, piping, bolts, nuts and strainer canister.
- Install new stainless steel strainer mesh in bilge suction pipe.
- Relocate six battery banks, three port side and three on starboard, including battery charger cases and switches to minimize fire risk.
- Renew bow thruster system, including new hoses, rebuilding of pumps connected to the engine gear, cleanup tank reservoir, new filters, gaskets, correction of leaks.
- Rebuild all four gear boxes Model No. MGX6848, including hoses, oil cooler vibration dampers.
- Renew fuel valves, cross valves, emergency fuel shut off system, grease, repacking and painting of code colors to identify their functions.
- Renew stainless steel materials the fuel pipe and starboard fuel tanks.
- Renew rusted suction pipes in the engine room with galvanized 80 material piping.
- Rebuild manifold valves that service suction system, grease and repack the fire and ballast system.
- Mechanical cleanup of all rusted areas in the engine room, recover with epoxy primer and finish the engine room with white urethane paint.
- Renew three areas on the bottom plate engine rooms of 18x18 inserts.
- Renew stainless steel material all raw water pipes that service the main engine, install a strainer before the oil coolers entrance on raw water.

PROPULSION SYSTEM

- Remove and deliver to qualified shop four each propellers, five blades of 48' x 38' manganese bronze, two LH, and two RH.
- Replace four stainless steel main propulsion shaft of 4 1/2' x 30 feet.
- Replace packing and reinstall shafts and propellers.
- Replace eight cutless bearings of 5 1/4 x 10' inches in main propulsion system including strut and stern tube.

STEERING SYSTEM

- Remove and drop two rudders.
- Remove and replace cutless bearings, rudder seals, pillow bearings and related components.
- Remove and refurnish both hydraulic cylinders that service the steering system
- Blast entire rudders room compartment and recoat with two coats of epoxy primer and two coats of urethane gray.

HULL CLEANING AND COATING:

- Blast entire areas, including top side sheers gunnels, bottom surface and bow thruster area to obtain a SSPC5 finishing with an adequate anchor profile, apply coats of epoxy primer and coats of premium compatible antifouling painting.

CATHODIC PROTECTION:

- Remove up to forty zinc anodes and reinstall new ones.

VOIDS:

- Clean with water and soap all voids up to 12.

FOREPEAK:

- Blast forepeak, after blasting coat with epoxy primer and coats of premium marine grade paint.

FIRE SUPPRESSION SYSTEM:

- Inspect and recertify the CO2 fire suppression system (Model Ansul Self Contained) including fire extinguishers along the vessel.

-BOW THRUSTER

- Renew genuine Westmar bow thruster Model No. V2024 200 Hp, refitting new hoses and PSI capacities.

ANCHOR WINDLASS

-Service anchor windlass Model No. G2HC and replace 700 of certified cable, hoses and piping, cover for windlass and new cover for control bottom.

MAIN DECK AND BULKWARDS:

- Blast entire cargo deck, including bulkwards, entire super structure, hatches and stern ramp. Apply coats of epoxy primer and coats of premium marine urethane paint.
- Refurnish all hatch access to the engine and rudder rooms, crop rust, repack closing mechanism.
- Replace all valves installed on deck, fuel, oil, wasted oil, and sewage discharge.
- Change all bolts and four nuts on four fire damper access and refit with new stainless steel bolts, nuts and washers new gaskets.
- Blast intake tunnels that provide air to the engine room. Coat with epoxy primer and coat with urethane marine paint.
- Renew the cover wall that holds the insulation to the cargo deck and refit inside portion with new as per original insulation material and new cover. Blast wall on the inside, coat with epoxy primer and coat with premium marine paint.

OTHER

- Change door sensor indicators with new magnetic indicator sensors.
- Renew electrical motor soft start along the vessel electrical motor.
- Refit both passenger rooms with aluminum plates.
- Change main entrance bolted door with new one of same configuration in stainless steel material.
- Change second level doors port and starboard with new stainless steel material, RH and LH outwards window.
- Crop and renew both doors that give access to cargo deck with two new water seal door stainless steel .
- Crop and renew void vents piping on cargo deck and replace with new stainless steel.
- Empty fuel tank, clean and inspect the two fuel tanks.
- Empty waste oil tank and bilge oily water tank.

Project Benefits

This project will provide ATM with a improved vessel that will allow the users of Vieques and Culebra to have a reliable transportation system.

Additional Information

Useful life:

- Passenger ferries: At least 25 years (FTA C 5010.1E)

Location Description

ATM-Ceiba Ferry Terminal
Roosevelt Roads, Ceiba 00735

Project Location (Urbanized Areas)

UZA Code	Area Name
720000	Puerto Rico
725080	Fajardo, PR

Congressional District Information

State	District	Representative
Puerto Rico	1	Jennifer González

Program Plan Information

STIP/TIP

Date: N/A

Description: N/A

UPWP

Date: N/A

Description: N/A

Long Range Plan

Date: N/A

Description: N/A

Project Control Totals

Funding Source	Section of Statute	CFDA Number	Amount
5311 - Rural Area Formula	5311-1A	20509	\$626,784
Local			\$0
Local/In-Kind			\$0
State			\$0
State/In-Kind			\$0
Other Federal			\$0
Transportation Development Credit			\$125,356
Adjustment			\$0
Total Eligible Cost			\$626,784

Project Budget

Project Number	Budget Item	FTA Amount	Non-FTA Amount	Total Eligible Amount	Quantity
PR-2019-022-02-00	111-00 (111-A2) BUS - ROLLING STOCK	\$626,784.00	\$0.00	\$626,784.00	0
PR-2019-022-02-00	11.15.33 DRYDOCK-FERRY BOATS	\$626,784.00	\$0.00	\$626,784.00	0

Project Budget Activity Line Items

Budget Activity Line Item: 11.15.33 - DRYDOCK-FERRY BOATS
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Scope Name / Code	Line Item #	Line Item Name	Activity	Quantity
BUS - ROLLING STOCK (111-00)	11.15.33	FERRY BOATS	MID LIFE REBUILD (RAIL)	0

Extended Budget Description

This project is for the Drydock of the Isla Bonita Vessel of the Autoridad de Transporte Maritimo (ATM Ferry Service). This vessel gives service to Vieques and Culebra.

The funding will be from the following sources:

Ferry Boat Program Funds FY2013 (FHWA): \$466,361
 Ferry Boat Program Funds FY2014 (FHWA): \$462,423
 Ferry Boat Program Funds FY2015 (FHWA): \$459,500
 Ferry Boat Program Funds FY2018 (FHWA): \$313,636

Grant PR-2016-008-01 (Section 5311 FY 2016)-\$671,296
 Section 5311-FY17 \$492,272 and FY2018-\$134,512

Under Section 5311, a total of \$626,784 will be requested.

Passenger ferries: At least 25 years (FTA C 5010.1E)

Will 3rd Party contractors be used to fulfill this activity line item?

Yes, 3rd Party Contractors will be used for this line item.

Propulsion	Fuel Type	Vehicle Condition	Vehicle Size (ft.)
N/A	Diesel Fuel	Used	

Funding Source	Section of Statute	CFDA Number	Amount
5311 - Rural Area Formula	5311-1A	20509	\$626,784
Local			\$0
Local/In-Kind			\$0
State			\$0
State/In-Kind			\$0
Other Federal			\$0
Transportation Development Credit			\$125,356
Adjustment			\$0
Total Eligible Cost			\$626,784

Milestone Name	Est. Completion Date	Description
RFP/IFB Issue Date	12/2/2019	
Contract Award Date	2/3/2020	
Initial Delivery Date	6/1/2021	

Final Delivery Date	12/1/2021	
Contract Completion Date	2/1/2022	

Project Environmental Findings

Finding: Class II(c) - Categorical Exclusions (C-List)

Class Level Description

Class II(c) consists of projects called categorical exclusions (CEs) which are known not to have, either individually or cumulatively, a significant environmental impact on the human or natural environment and are therefore categorically excluded from the requirement to prepare an environmental assessment or an environmental impact statement. Class II(c) does not require documentation.

Categorical Exclusion Description

Type 07: Acquisition, installation, rehabilitation, replacement, and maintenance of vehicles or equipment, within or accommodated by existing facilities, that does not result in a change in functional use of the facilities, such as: equipment to be located within existing facilities and with no substantial off-site impacts; and vehicles, including buses, rail cars, trolley cars, ferry boats and people movers that can be accommodated by existing facilities or by new facilities that qualify for a categorical exclusion.

Date	Description	Date
	Class IIc CE Approved	

Scope Name / Code	Line Item Number	Line Item Name	Quantity	FTA Amount	Total Eligible Cost
BUS - ROLLING STOCK (111-00)	11.15.33	DRYDOCK-FERRY BOATS	0	\$626,784.00	\$626,784.00

Part 4: Fleet Details

No fleet data exists for this application.

Part 5: FTA Review Comments

Application Review Comments

Comment By Holly Liles

Comment Type Application Details

Date 8/1/2019

Comment Pending TDC letter

Part 6: Agreement

**UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL TRANSIT ADMINISTRATION**

**GRANT AGREEMENT
(FTA G-25, October 1, 2018)**

On the date the authorized U.S. Department of Transportation, Federal Transit Administration (FTA) official signs this Grant Agreement, FTA has obligated and awarded federal assistance as provided below. Upon execution of this Grant Agreement by the Recipient named below, the Recipient affirms this FTA Award, enters into this Grant Agreement with FTA, and binds its compliance with the terms of this Grant Agreement.

The following documents are incorporated by reference and made part of this Grant Agreement:

- (1) "Federal Transit Administration Master Agreement," FTA MA(25), October 1, 2018, <http://www.transit.dot.gov>,
- (2) The Certifications and Assurances applicable to the FTA Award that the Recipient has selected and provided to FTA, and
- (3) Any Award notification containing special conditions or requirements, if issued.

WHEN THE TERM "FTA AWARD" OR "AWARD" IS USED, EITHER IN THIS GRANT AGREEMENT OR THE APPLICABLE MASTER AGREEMENT, "AWARD" ALSO INCLUDES ALL TERMS AND CONDITIONS SET FORTH IN THIS GRANT AGREEMENT.

FTA OR THE FEDERAL GOVERNMENT MAY WITHDRAW ITS OBLIGATION TO PROVIDE FEDERAL ASSISTANCE IF THE RECIPIENT DOES NOT EXECUTE THIS GRANT AGREEMENT WITHIN 90 DAYS FOLLOWING FTA's AWARD DATE SET FORTH HEREIN.

FTA AWARD

Federal Transit Administration (FTA) hereby awards a Federal Grant as follows:

Recipient Information

Recipient Name: Highway & Transportation Authority, Puerto Rico

Recipient ID: 5489

DUNS No: 088541391

Application Information

Federal Award Identification Number: PR-2019-022-00

Application Name: Drydock of Isla Bonita Vessel-Autoridad de Transporte Maritimo (ATM Ferry Service)-Ferry Boat Program (FHWA)

Application Start Date: The start date will be set to the date of the award

Application End Date: 3/29/2024

Application Executive Summary: This is an application for the Drydock of the Isla Bonita Vessel of the Autoridad de Transporte Marítimo (ATM Ferry Service). The project total cost is for \$3M; for this application a total funds of \$2,328,704 will be requested. The remaining \$671,296 will be from grant PR-2016-008-01.

TOTAL: \$2,328,704 (80% Match); \$465,740 (20% Match, Transportation Development Credits; TDC) [TDC letter by the PRHTA Executive Director will be attached to this application].

The ATM- Ferry service, provides transit services to various municipalities- San Juan- Cataño (Metro service) and Ceiba- Vieques, Ceiba- Culebra (Island service), Puerto Rico.

ATM FACILITIES AND ROUTES

ISLAND SERVICE

- *Vieques Isabel II Terminal
- *Culebra Sardinas Terminal
- *Ceiba Roosevelt Roads Terminal

METRO SERVICE

- *Isla Grande Maintenance Base
- *Cataño Terminal
- * San Juan Pier II Terminal

The project is for the Drydock of Isla Bonita Vessel. This vessel serves the routes between the main island of Puerto Rico (with the Ferry Terminal located in Ceiba) and the Municipalities of Vieques and Culebra.

The major overhaul for this vessel will include: repairs/replacement of engine rooms, propulsion system, steering room, and main deck and bulkheads. Other major works are proposed to protect equipment in the vessel.

The funding for this project will be from the following sources:

FERRY BOAT PROGRAM (FHWA):

The FHWA Ferry Boat Program Funds are available for designing and construction Ferry boats and for designing, acquiring right-of-way and constructing ferry terminal for facilities.

Ferry Boat Program Funds FY2013 (FHWA): \$466,361
Ferry Boat Program Funds FY2014 (FHWA): \$462,423
Ferry Boat Program Funds FY2015 (FHWA): \$459,500
Ferry Boat Program Funds FY2018 (FHWA): \$313,636

This application will also use funding from:

*Grant PR-2016-008-01 (Section 5311 FY 2016 Preventive Maintenance and Operating Assistance), which has \$671,296 obligated funds for Preventive Maintenance for ATM. (under ALI 11.7A.00)

*Section 5311 FY17 (LAPSING FUNDS; includes Intercity): \$492,272 and Section 5311 FY2018: \$134,512

[Letter from the Governor regarding the Intercity Program will be attached to this application].

The project is programmed in the STIP 2019-2022 (Page; FTA-89).

Useful Life:

-Passenger ferries: At least 25 years (FTA C 5010.1E)

All third-party procurement policies will follow FTA C 4220.1F
PRHTA will ensure all procured contractors are not on the FTA Suspension and Debarment List.

Research and Development: This award does not include research and development activities.

Indirect Costs: This award does not include an indirect cost rate.

Suballocation Funds: Recipient organization is the Designated Recipient and can apply for and receive these apportioned funds.

Pre-Award Authority: This award is using Pre-Award Authority.

Application Budget

Total Application Budget: \$2,328,704.00

Amount of Federal Assistance Obligated for This FTA Action (in U.S. Dollars): \$2,328,704.00

Amount of Non-Federal Funds Committed to This FTA Action (in U.S. Dollars): \$0.00

Total FTA Amount Awarded and Obligated (in U.S. Dollars): \$2,328,704.00

Total Non-Federal Funds Committed to the Overall Award (in U.S. Dollars): \$0.00

Application Budget Control Totals

(The Budget includes the individual Project Budgets (Scopes and Activity Line Items) or as attached)

Funding Source	Section of Statute	CFDA Number	Amount
FHWA Ferry Boat Construction & Misc. (Sect. 70)	70 FBD	20205	\$1,701,920
5311 - Rural Area Formula	5311-1A	20509	\$626,784
Local			\$0
Local/In-Kind			\$0
State			\$0
State/In-Kind			\$0
Other Federal			\$0
Transportation Development Credit			\$465,740
Adjustment			\$0
Total Eligible Cost			\$2,328,704

(The Transportation Development Credits are not added to the amount of the Total Award Budget.)

U.S. Department of Labor Certification of Public Transportation Employee Protective Arrangements:

Original Certification Date:

Special Conditions

There are no special conditions.

FINDINGS AND DETERMINATIONS

By signing this Award on behalf of FTA, I am making all the determinations and findings required by federal law and regulations before this Award may be made.

FTA AWARD OF THE GRANT AGREEMENT

Awarded By:

FEDERAL TRANSIT ADMINISTRATION
U.S. DEPARTMENT OF TRANSPORTATION
Contact Info:
Award Date:

EXECUTION OF THE GRANT AGREEMENT

Upon full execution of this Grant Agreement by the Recipient, the Effective Date will be the date FTA or the Federal Government awarded Federal assistance for this Grant Agreement.

By executing this Grant Agreement, the Recipient intends to enter into a legally binding agreement in which the Recipient:

- (1) Affirms this FTA Award,
- (2) Adopts and ratifies all of the following information it has submitted to FTA:
 - (a) Statements,
 - (b) Representations,
 - (c) Warranties,
 - (d) Covenants, and
 - (e) Materials,
- (3) Consents to comply with the requirements of this FTA Award, and
- (4) Agrees to all terms and conditions set forth in this Grant Agreement.

Executed By:

Highway & Transportation Authority, Puerto Rico