

Application

Federal Award Identification Number (FAIN)	PR-2024-042-00
Temporary Application Number	5489-2023-24
Award Name	Section 5311 Funds - Additional funding for the acquisition of a new cargo/passenger vessel for the Island Service, Maritime Transportation, PRHTA
Application Status	Final Concurrence / Reservation
Application Budget Number	0

Period of Performance Start Date	N/A		
Original Period of Performance End Date	3/30/2031		
Current Period of Performance End Date	3/30/2031	Revision #: 0	Approved?: No

Budget Period Start Date	N/A
Budget Period End Date	3/30/2031

Part 1: Recipient Information

Name: PUERTO RICO HIGHWAY & TRANSPORTATION AUTHORITY

Recipient ID	Recipient OST Type	Recipient Alias	UEI	DUNS
5489	State Agency	PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY	LLHHFKQLNAL4	088541391

Location Type	Address	City	State	Zip
Physical Address	CENTRO GUBERNAMENTAL MINILLAS	SAN JUAN	PR	00940
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	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	
Union Name	PROSOL- UTIER CAPÍTULO: AUTORIDAD DE CARRETERAS
Address 1	PO Box 9063
Address 2	
City	San Juan
State	PR
Zipcode	00908
Contact Name	Angel Pinto
Telephone	(787) 724-6118
Fax	
E-mail	angelpintoopm@gmail.com
Website	

Part 2: Application Information

Title: Section 5311 Funds - Additional funding for the acquisition of a new cargo/passenger vessel for the Island Service, Maritime Transportation, PRHTA

FAIN	Application Status	Award Type	Application Cost Center	Date Created	Last Updated Date	From TEAM?
PR-2024-042-00	Final Concurrence / Reservation	Grant	Region 4	8/22/2023	8/22/2023	No

Application Executive Summary

This is an FFY 2023 Section 5311 application in the amount of \$9,047,000 (Federal Share \$9,047,000, which corresponds to 80% and \$1,809,400 in Transportation Development Credits (TDCs), which corresponds to 20%) for additional funding for the acquisition of one new cargo/passenger vessel for the Maritime Transportation Services (Island Service). Additional funding is being requested for the acquisition of vessel #2. Funding for the acquisition of vessel #2 will be from Section 5324 (\$4,726,000 Federal Share) and Section 5311 (\$9,047,000 Federal Share- this application). Funding for Section 5324 is included in grant application PR-2020-016. Vessel #2 will be replacing a vessel that was damaged by Hurricane Irma.

This application includes a total of \$9,047,000 lapsing funds from Section 5311 Fast Act from funding fiscal year 2019. These funds were transferred from Section 5307 to 5311.

The Maritime Transportation Program under the Puerto Rico Integrated Transportation Authority (PRITA), provides the only public transportation method, that connects the Municipal Islands of Vieques and Culebra, with the mainland of Puerto Rico (Island Service).

As of December 15, 2021, the Authority commenced its transition process with the private operator, who was selected through a competitive process under the Puerto Rico Public Partnership (P3) laws. As of today, the Authority under its private operator, HMS Ferries, operates scheduled ferry services for cargo and passengers, running seven (7) days a week. As part of the transition process, the operator is responsible for the operation and maintenance of all the Authority's' assets, including FTA funded vehicles and terminals. Currently, the operator is responsible for the maintenance and operations of all the Island and Metro Service terminals and of four FTA funded vessels (Cayo Largo, Cayo Blanco, Santa Maria and Isla Bonita).

The Island Service under the Maritime Transportation Program operates a scheduled service from Ceiba - Vieques and from Ceiba - Culebra using the following terminals:

- o Vieques - Isabel II Terminal
- o Vieques - Mosquito Terminal - barge route
- o Culebra - Sardinias Terminal
- o Ceiba - Roosevelt Roads Terminal

STIP/TIP INFORMATION: STIP Amendment #2 (FY 2023-2026), Section 5311 - Non-Urbanized Area Formula Program, Page FTA-100, Line Num.3.

TAM PLAN: This project which consist of funds 5311 that can be found in the ATM TAM Plan under Investment Prioritization under Section 9.1 Major fleet maintenance. This TAM Plan will follow FTAs final implementing rule. 49 U.S.C. 5337(a)(4)(B)

COST ESTIMATES: Estimates were provided by an ICE completed by a Subject Matter Expert along with

the Authority. These costs were reviewed and approved by PRITA and PRHTA. ICE was prepared in 2021, therefore Final cost included herein as attachment titled Cost Breakdown and contract page with final costs.

Attached Documents:

1. Cost Breakdown - New Vessels
2. TDC Letter
3. Technical Specifications - Vessels
4. STIP Information
5. Contract page with funding information (Contract #2023-000018)

All third-party procurement policies will be following at a minimum FTA C 4220.1F. PRHTA will ensure all procured contractors are not on the FTA Suspension and Debarment list.

In addition to FTAs Buy America Act, which requires that the steel, iron, and manufactured goods used in an FTA-funded project are produced in the United States (49 U.S.C. 5323(j)(1)), the Build America, Buy America Act (BABA) (Public Law 117-58, div. G 70914(a)) now requires that construction materials used in infrastructure projects are also produced in the United States. Refer to terms and conditions in FTAs Master Agreement Section 15. The BABA requirement applies to this grant, in addition to the Buy America Act, except to the extent a waiver of either requirements may apply.

This award will support transit in non-urbanized areas as designated by the 2010 Census

All subrecipients will follow useful life standards as defined in the 2021 State Management Plan.

Vessel names will be:

- Vessel #1 Borinquea
- Vessel #2 Flor de Maga
- Vessel #3 Princesa
- Vessel #4 Isla del Encanto

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.

Award Description

Purpose

The purpose of this award is to provide additional funding for the acquisition of one new cargo/passenger vessels that will be used in the Puerto Rico Island Ferry Service.

Activities to be performed:

Additional funds will be used for the acquisition of one new cargo/passenger vessel

Expected outcomes:

Funds will be used for the acquisition of one new cargo/passenger vessel to continue to provide the only public transportation method that connects the Island Municipalities of Vieques and Culebra to the main island of Puerto Rico

Intended beneficiaries:

The Authority and the passengers that rely on a daily basis on the Island Service Ferry System

Subrecipient Activities:

Activities will be carried out by the Maritime Transportation Program under the Puerto Rico Integrated Transportation Authority, a subrecipient of the Puerto Rico Highway and Transportation Authority.

Application Point of Contact Information

First Name	Last Name	Title	E-mail Address	Phone
Carmen	Alicea-Ruiz	TRANSPORTATION PROG SPEC	carmen.alicea-ruiz@dot.gov	+1(787) 773-8457
Monica	Menendez	Consultant	mmenendez@ati.pr.gov	(787) 721-8787

Application Budget Control Totals

Funding Source	Section of Statute	CFDA Number	Amount
5311 - Rural Area Formula	5311-1A	20509	\$9,047,000
Local			\$0
Local/In-Kind			\$0
State			\$0
State/In-Kind			\$0
Other Federal			\$0
Transportation Development Credit			\$1,809,400
Adjustment			\$0

Total Eligible Cost	\$9,047,000
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Application Budget

Project Number	Budget Item	FTA Amount	Non-FTA Amount	Total Eligible Amount	Quantity
PR-2024-042-01-00	111-00 (111-A1) BUS - ROLLING STOCK	\$9,047,000.00	\$0.00	\$9,047,000.00	1
PR-2024-042-01-00	11.12.33 BUY REPLACEMENT FERRY BOATS - Cargo/ Passenger Vessel - Additional funding for Vessel #2	\$9,047,000.00	\$0.00	\$9,047,000.00	1

Discretionary Allocations

This application does not contain discretionary allocations.

Part 3: Project Information

Project Title: Additional funding for the acquisition of new cargo/passenger vessel (Vessel #2)

Project Number	Temporary Project Number	Date Created	Start Date	End Date
PR-2024-042-01-00	5489-2023-24-P1	8/22/2023	9/30/2022	3/30/2026

Project Description

A total of \$9,047,000 (\$9,047,000 Federal and \$1,809,400 in TDCs) are being requested for additional funding for the acquisition of a new cargo/passenger vessel for the Island Ferry Service. This project includes funds to cover construction and customization services for the acquisition of the new cargo/passenger vessel for the Island Ferry Service (Ceiba-Vieques-Culebra route). This vessel will replace Caribena, a vessel which was damaged by Hurricane Irma and it is currently in the process of disposition.

This application includes a total of \$9,047,000 lapsing funds from Section 5311 Fast Act from funding fiscal year 2019.

The Authority, through a Public-Private Agreement with HMS Ferries, Inc. and HMS Ferries Puerto Rico, LLC (HMS), provides transportation for passengers and cargo between the Municipalities of Ceiba, Vieques, and Culebra. However, due to the increase of ridership and cargo in recent years, and to improve and maintain the service reliability, the Authority is requesting funds for the acquisition of one new cargo and passenger vessel for the Island Service to replace a vessel that is currently in the process of disposition. Currently the Authority is using chartered vessels to cover these needs, therefore, it is imperative for the Authority to replace this vessel to be able to continue to provide an efficient service

without depending on chartered vessels. Recent studies have shown that in order to address the current demands the Island Service should be composed of a total of six (6) cargo/passenger vessels and three (3) passengers only vessels. Please refer to the attachment titled '3-Year Fleet Plan' for the distribution of the vessels.

This project will include the following line item:

*11.12.33 - Buy Replacements - Ferry Boats - \$9,047,000 Federal Share and \$1,809,400 TDCs

VESSEL SPECIFICATIONS: It is expected that a 300 ST Cargo, 300+ Passenger Ferry will be built. For a more detailed technical specifications please refer to attachment titled 'Technical Specifications 300 ST Cargo, 300+ Passenger Ferry.

USEFUL LIFE: The vessels will have a value of over \$5,000. The vessels would have a useful life of 30 years as per FTA C5010.1E. PRMTA does not anticipate the purchase of any other items over \$5,000 in value at this time. Any items with value over \$5,000 identified during the execution of the activities of this project will be included via budget revision (actual value and useful life).

FUNDING TYPE: Section 5311 Non-urbanized Formula Program - \$9,047,000. Toll Development Credits - \$1,809,400. These funds were transferred from Section 5307 (UZA) to 5311.

PRIOR FEDERAL FUNDING: Funds for the replacement of two vessels (Vessel #1 and Vessel #2) damaged by Hurricane Irma/Maria will be acquired with ER Funds under grant application PR-2020-016-01. A total of \$23,035,000 Federal Share was requested in this grant for these purposes. Funds for the replacement of two additional vessels (Vessel #3 and Vessel #4) will be acquired with Section 5311 Funds under grant application 5489-2022-18. A total of \$35,112,000 Federal Share was requested in this grant for these purposes.

BASIS OF COST ESTIMATE: Cost estimates were prepared and certified by a Subject Matter Expert and revised and approved by PRITA and PRHTA. Final costs are included in the Cost Breakdown document attached herein and contract page with final costs.

CONTRACTORS: All third-party procurement policies will be following at a minimum FTA C 4220.1F. PRHTA will ensure all procured contractors are not on the FTA Suspension and Debarment list.

STIP/TIP- Amendment #2 (FY 2023-2026), Section 5311 Non-urbanized Formula Program, FTA Page-100, line #3.

ATTACHMENTS:

*Cost Breakdown - New Vessels

*TDC Letter

*Technical Specifications

*STIP Information

*Contract page with funding information

Project Benefits

The acquisition of new cargo/passenger vessels would provide the following benefits:

- Improve service reliability
- Preserve PRMTA's fleet in a State of Good Repair, decreasing costs incurred in major repairs to other vessels.
- Accommodate an increase in ridership in the Island Service
- Stabilize and increase the passenger and cargo flow between the Ceiba, Vieques, and Culebra.

- Enable a faster and effective emergency response, allowing the provision of fuel, food, and aid materials in case of a future emergency.
- Provide a more efficient service given that both cargo and passenger can be done in one trip.

Additional Information

Funding for the acquisition of vessel #2 will be from Section 5324 (\$4,726,000 federal share) and Section 5311 (\$9,047,000). Funding for section 5324 are included in grant application PR-2020-016. Vessel #2 will be replacing a vessel that was damaged (Caribena) by Hurricane Irma.

Location Description

Municipalities of Ceiba, Culebra and Vieques (Ferry Terminals for Island Service)

Project Location (Urbanized Areas)

UZA Code	Area Name
720000	Puerto Rico

Congressional District Information

District	State
1	Puerto Rico

Program Plan Information

STIP/TIP

Date: 7/24/2024

Description: STIP 2023-2026 Amendment #2 - was approved by the FTA on July 24, 2024. For this project, please refer to STIP 2023-2026 Section 5311 funds, FTA page 100, line #3.

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	\$9,047,000
Local			\$0
Local/In-Kind			\$0
State			\$0
State/In-Kind			\$0
Other Federal			\$0
Transportation Development Credit			\$1,809,400

Adjustment		\$0
Total Eligible Cost		\$9,047,000

Project Budget

Project Number	Budget Item	FTA Amount	Non-FTA Amount	Total Eligible Amount	Quantity
PR-2024-042-01-00	111-00 (111-A1) BUS - ROLLING STOCK	\$9,047,000.00	\$0.00	\$9,047,000.00	1
PR-2024-042-01-00	11.12.33 BUY REPLACEMENT FERRY BOATS - Cargo/ Passenger Vessel - Additional funding for Vessel #2	\$9,047,000.00	\$0.00	\$9,047,000.00	1

Project Budget Activity Line Items

Budget Activity Line Item: 11.12.33 - BUY REPLACEMENT FERRY BOATS - Cargo/Passenger Vessel - Additional funding for Vessel #2

Scope Name / Code	Line Item #	Line Item Name	Activity	Quantity
BUS - ROLLING STOCK (111-00)	11.12.33	BUY REPLACEMENT FERRY BOATS	BUY REPLACEMENTS - CAPITAL BUS	1

Extended Budget Description

A total of \$9,047,000 Federal Share and \$1,809,400 TDCs are being requested for additional funding for the acquisition of one cargo/passenger vessel to replace Caribena which is currently in the process of disposition due to damages caused by Hurricane Irma.

This ALI includes funds to contract a shipyard for the following construction services (not limited to):

Cargo and Passenger ferry vessel with 300ST cargo and 300 passenger capacities for the Ceiba to Vieques and Culebra Island routes

Compliance with Performance Specifications, Sample Contract and Standard Federal Transit Administration Clauses.

Compliance with all United States Coast Guard requirements.

Compliance with American with Disabilities Act requirements.

Delivery of the vessel to Ceiba, Puerto Rico

Assist ATM to obtain all vessel required certification

Provide As-built drawings

Provide maintenance manuals

Satisfactory trial and testing
Trainings, as needed
Other related service

For a detail description of the technical specifications please refer to attachment titled 'Technical Specifications'. Vessel Specifications (but not limited to):

Principal Dimensions

LOA: 180-0 or LESS
Beam: 46"-0" Maximum
Max Draft: 8-6 or LESS (maximum overall draft)
HP: Sufficient to achieve cruising speed in max allowable sea state at 90% maximum continuous rating of the main engines
Gross Registered Tonnage: <100 GRT
Crew: 4 persons (unless USCG requires additional crew)
Cruising Speed: 15-16 knots
Passengers: Inside seating for no less than 300 Passengers
Deck Levels: 2 Passenger Decks Maximum
Cargo Capacity . No less than 300 long tons
Vehicle Capacity :...380 lane-feet, 10 minimum lane width
Tank Capacities
Fuel Capacity: Fuel capacity: no less than 10,000 gallons (unless more is needed for range requirement)
Potable Water: No less than 1000 U.S. gal.
Lube Oil: No less than 250 U.S. gal.
Waste Oil: No less than 250 U.S. gal.
Oily Slops: No less than 500 U.S. gal.
Sewage/Gray Water No less than 1000 U.S. gal.

USEFUL LIFE: The vessels will have a value of over \$5,000. The vessels would have a useful life of 30 years as per FTA C5010.1E. PRMTA does not anticipate the purchase of any other items over \$5,000 in value at this time. Any items with value over \$5,000 identified during the execution of the activities of this project will be included via budget revision (actual value and useful life)

Caribena Information:

- Type: Passenger Vessel
- In service: July 2004
- Out of Service: July 2016
- Federal Interest: \$49,600 (pending submittal to FTA)
- Tag #: 010706

At this moment, there is no insurance proceeds for this vessel as it is in litigation process. The return of the federal interest related to Caribena will be via pay.gov as per FTA guidelines.

*Attachments:

- Technical Specifications
- Cost Breakdown - New Vessels
- Caribena White Paper
- Contract page with funding information

*The Authority (PRHTA) completed all DBE requirements for project specific goals, before RFP publication. The Puerto Rico Integrated Transportation Authority (PRITA) will be the subrecipient carrying out the procurement process, which will be reviewed by the Authority. The Authority certifies that it will carry out all oversight activities to guarantee satisfactory continuing control of the assets. The Authority will hold a lien on the vessels.

*Vessels will be operated and maintained by the current private operator - HMS Ferries. Oversight

activities will also be carried out by PRITA as an oversight agency of maritime transportation services.
 *All third-party procurement policies will be following at a minimum FTA C 4220.1F. PRHTA will ensure all procured contractors are not on the FTA Suspension and Debarment list.

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	New	Cargo and Passenger ferry vessel with 300ST cargo and 300 passenger capacities

Funding Source	Section of Statute	CFDA Number	Amount
5311 - Rural Area Formula	5311-1A	20509	\$9,047,000
Local			\$0
Local/In-Kind			\$0
State			\$0
State/In-Kind			\$0
Other Federal			\$0
Transportation Development Credit			\$1,809,400
Adjustment			\$0
Total Eligible Cost			\$9,047,000

Milestone Name	Est. Completion Date	Description
RFP/IFB Issue Date	9/30/2022	RFP publication date
Contract Award Date	6/29/2023	Contract execution date
Substantial completion of vessel construction	4/29/2025	Estimated date for substantial completion of vessel #2 construction
Estimated delivery date for vessel #2	6/29/2025	Estimated delivery date for vessel #2
Contract Completion Date	3/30/2026	Estimated contract completion date

Project Environmental Findings

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

Class Level Description

Class II(c) consists of projects that do not have 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. FTA requires a sufficient project description to support a CE determination. The project may require additional documentation to comply with other environmental laws.

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)	11.12.33	BUY REPLACEMENT FERRY BOATS - Cargo/Passenger Vessel - Additional funding for Vessel #2	1	\$9,047,000.00	\$9,047,000.00

Part 4: Fleet Details

Fleet Type: Waterbourne

Fleet Comments

Information for the Maritime Transportation Island Service. This grant is meant to replace vessels which will not affect the peak requirement. The vessels included herein have mixed vessels. A total of four Authority owned vessels (Isla Bonita, Cayo Blanco, Cayo Largo, Santa Maria) as well as chartered vessels (5 vessels).

		Current Value
I.	Active Fleet	
	A. Peak Requirement	9
	B. Spares	1
	C. Total (A+B)	10
	D. Spare Ratio (B/A)	11.11%
II.	Inactive Fleet	
	A. Other	0
	B. Pending Disposal	5
	C. Total (A+B)	5
III.	Total (I.C and II.C)	15

Fleet Type: Fixed Route

Fleet Comments

Fixed route fleet for the Intermodal Service - TU Conexion

		Current Value
I.	Active Fleet	

A. Peak Requirement	11
B. Spares	3
C. Total (A+B)	14
D. Spare Ratio (B/A)	27.27%
II. Inactive Fleet	
A. Other	9
B. Pending Disposal	0
C. Total (A+B)	0
III. Total (I.C and II.C)	14

Part 5: FTA Review Comments

FTA Comments for DOL

Comment By Carmen Alicea-Ruiz

Comment Type	DOL Review for Information
Date	9/19/2024
Comment	Sent to DOL for information only.

Application Review Comments

Comment By Maribell Perez

Comment Type	Pre-Award Manager Returns Application
Date	9/25/2023
Comment	<p>Dear Recipient:</p> <p>We completed the review of your application. There are some comments that will need resolution before we can move the application forward on the approval process. For an easier reference, the comments were included on the view/print of the application and uploaded to the Application Document section. If you have questions or need further assistance, please contact me at your convenience.</p>

Comment By Maribell Perez

Comment Type	Pre-Award Manager Returns Application
Date	9/3/2024
Comment	We are returning this application to be able to change the assigned FTA pre and post award manager.

Comment By Carmen Alicea-Ruiz

Comment Type Pre-Award Manager Returns Application

Date 9/16/2024

Comment We completed the initial review of your application. There are some comments that will need resolution before we can move the application forward on the approval process. For an easier reference, the comments were included on the view/print of the application and uploaded to the Application Document section. If you have questions or need further assistance, please contact me at your convenience.

Comment By Carmen Alicea-Ruiz

Comment Type Pre-Award Manager Returns Application

Date 9/18/2024

Comment

Application Review Comments

Comment By Eboni Younger-Riehl

Comment Type Application Details

Date 9/10/2024

Comment FOR GRANTS THAT INCLUDE FTA-ASSISTED VEHICLES ONLY
Transit Vehicle Manufacturers (TVM) must have an approved FTA DBE Goal prior to bidding on contract. For a current listing, see <https://www.transit.dot.gov/regulations-and-guidance/civil-rights-ada/eligible-tvms-list>. Recipient must ensure that all vehicles purchased are accessible and purchased from an FTA approved TVM.