



REPUBLIC OF INDONESIA
MINISTRY OF NATIONAL DEVELOPMENT PLANNING/
NATIONAL DEVELOPMENT PLANNING AGENCY

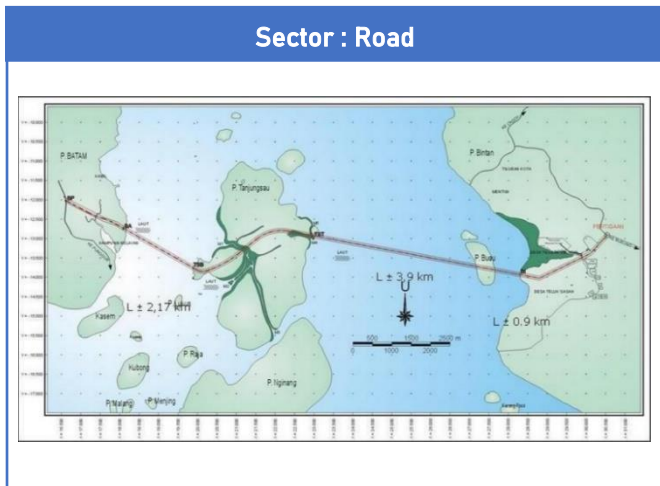
PUBLIC PRIVATE PARTNERSHIP

INFRASTRUCTURE PROJECTS PLAN IN INDONESIA

2022

Batam-Bintan Bridge

Location : Riau Islands Province



Sub-Sector : Toll Bridge

Description:
 This project is to construct a bridge connecting Batam and Bintan which is located in Riau Islands province. The project is expected to use a PPP scheme with user charge as return of investment scheme.

Estimated Project Cost: USD 1,156.42 Million
 *Before Government Support

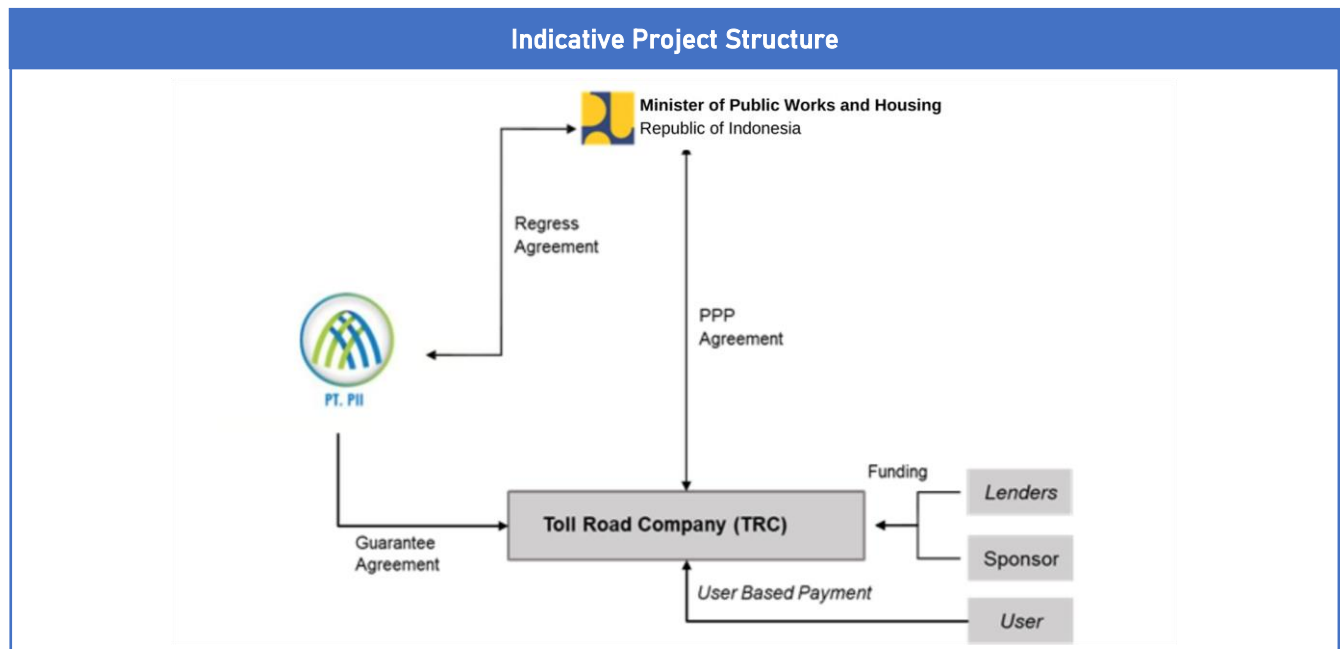
Financial Feasibility:
 IRR : Limited Information
 NPV : Limited Information

Estimated Concession Period: 50 years

Government Contracting Agency:
 Minister of Public Works and Housing

Type of PPP:
 Solicited

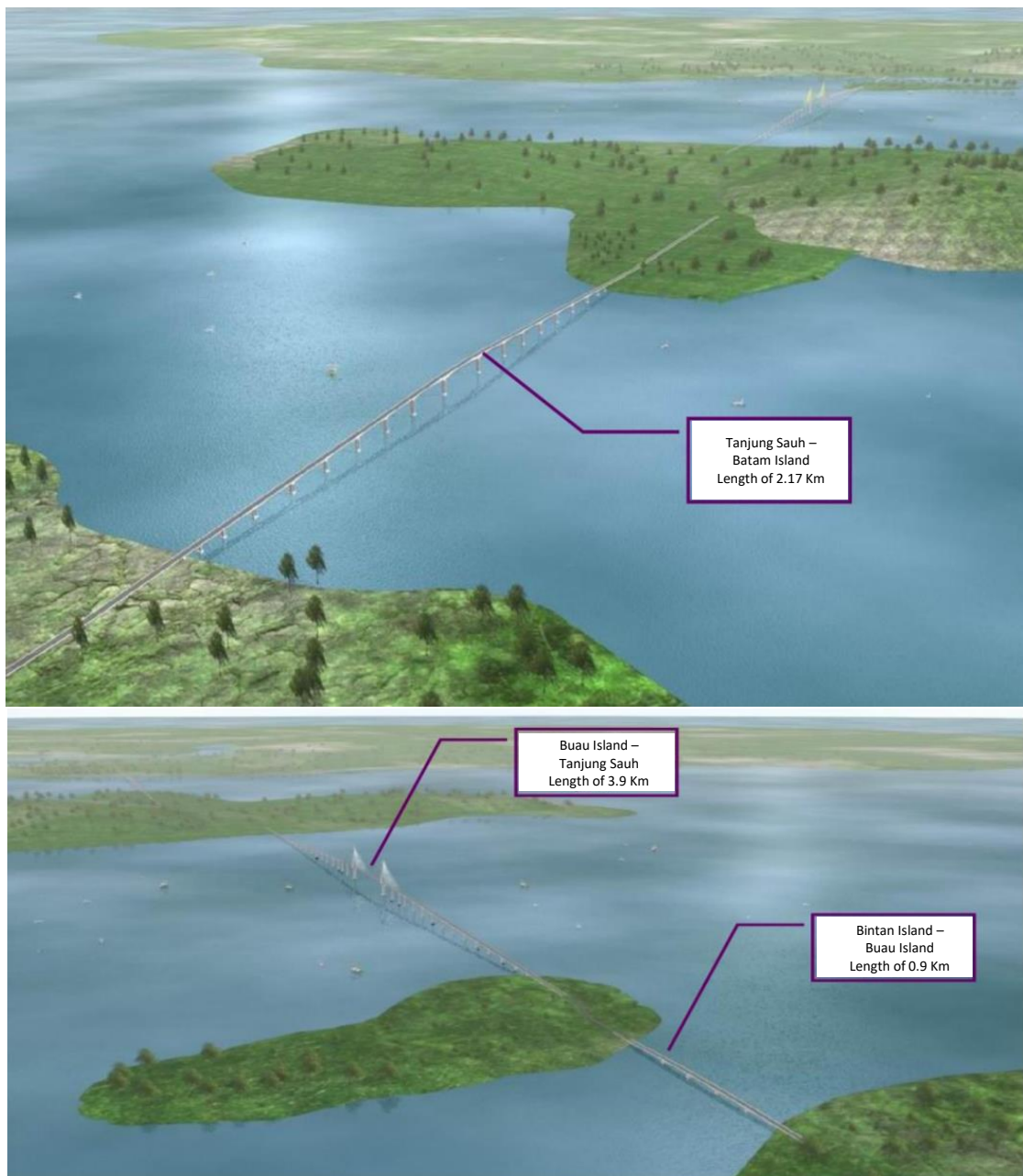
Return of Investment:
 User Charge



Project Digest

Project Title	Batam-Bintan Bridge
Government Contracting Agency	Minister of Public Works and Housing
Implementing Agency	Indonesia Toll Road Authority (BPJT)
Preparation Agency	Directorate General of Infrastructure Financing
Project Cost	USD 1,1156.42 Million *Before Government Support
Estimated Concession Period	50 years
Location	Riau Islands Province

1. Project Picture (Map and/or Illustration of Project)



Picture 1 – Batam-Bintan Bridge Plan

2. The Opportunity

2.1. Project Background

Connectivity is one of the most important things in growing economic activities. Batam is planned to be developed into a national industrial zone and Batam as a Free Trade Zone (FTZ) area with major advantages in the field of trade and industry. Batam is also a strategic area because its location is near Singapore and Malaysia. Bintan Island is also a strategic area and also has some Free Trade Zone (FTZ) areas. This project will be built with the PPP scheme.

2.2. Project Description

This project is to construct a bridge connecting Batam and Bintan which is located in Riau Islands Province. This bridge alignment is Kabil (Batam) – Tanjung Sauh – Buau Island – Kuala Lobam (Bintan). The road length is 7,064 meters and the length of the bridge is 7,684 meters. The Batam-Bintan Bridge Construction Project is included in toll road infrastructure, and also one of the infrastructures that can be conducted with PPP scheme with user charge as the return of investment scheme. The study has indicated that this project needs Government support in terms of partial construction from the Ministry of Public Works and Housing and Government Guarantee by PT PII. The scope of work for the business entity will be Design-Build-Finance for PPP Segment, Operate-Maintenance of all segments Batam-Bintan Bridge (Include Government Support Segment), and Transfer of the Asset after the final concession period.

2.3. Project Objectives

The objectives of this project are to support the development and accessibility of Batam dan Bintan in order to increase trade and industries in Batam and Bintan.

3. Business Entity's Scope of Work

The scope of work for the business entity will be Design-Build-Finance-Operate-Maintenance-Transfer (DBFOMT) The following are private partner's list of responsibilities:

- 1) Designing a Detailed Engineering Design (DED) of the Batam-Bintan Bridge Construction Project for PPP Portion based on the basic design provided by GCA;
- 2) Construction of the Batam-Bintan Bridge for PPP Segment;
- 3) Maintenance of the Batam-Bintan Bridge during the concession period, after the construction phase has been completed for the all of segment of Batam-Bintan Bridge; and
- 4) Sign and commit in the Guarantee Agreement with Indonesia Infrastructure Guarantee Fund (IIGF)

4. Technical Specification

The Batam-Bintan Bridge operation will be used as a toll road with dedicated motorcycle lanes thus the technical specifications will refer to all regulations and specifications in the geometric planning of roads (main road, ramp and access road). Some technical specifications for the main road including:

No	Facilities	Capacity
1	Bridge Length	7,684 m
2	Road Length	7,064 m
3	Design Speed	80 Km/hr
4	Number of Lane	2 x 2
5	Lane Width	3.6 m
6	Outside Shoulder Width	3.0 m
7	Inner side Shoulder Width	1.5 m
8	Median Width (include inner side shoulder)	4.0 m
9	Cross slope	2%
10	Outside Shoulder slope	4%

5. Environmental Impact Assessment (EIA/AMDAL) Findings

The Environmental Impact Assessment (EIA/AMDAL) and Environmental Support and Capacity Study (*Kajian Daya Dukung dan Daya Tampung Lingkungan Hidup/DDDTLH*) was prepared by Riau Islands Government.

6. Land Acquisition and Resettlement Action Plan

The study has indicated that this project needs land acquisition of 701,665.31 m². Land acquisition is planned to be done in 2022.

7. Project Cost Structure

Estimated Project Cost		USD 1,156.42 Million
Indicative Debt to Equity Ratio		
- Debt Level		70%
- Equity Level		30%
IRR		Limited Information
NPV		Limited Information

8. Government Support and Guarantee

The study has indicated that this project needs Government support in terms of partial construction from the Ministry of Public Works and Housing and Government guarantee by PT PII.

9. Contact Information

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