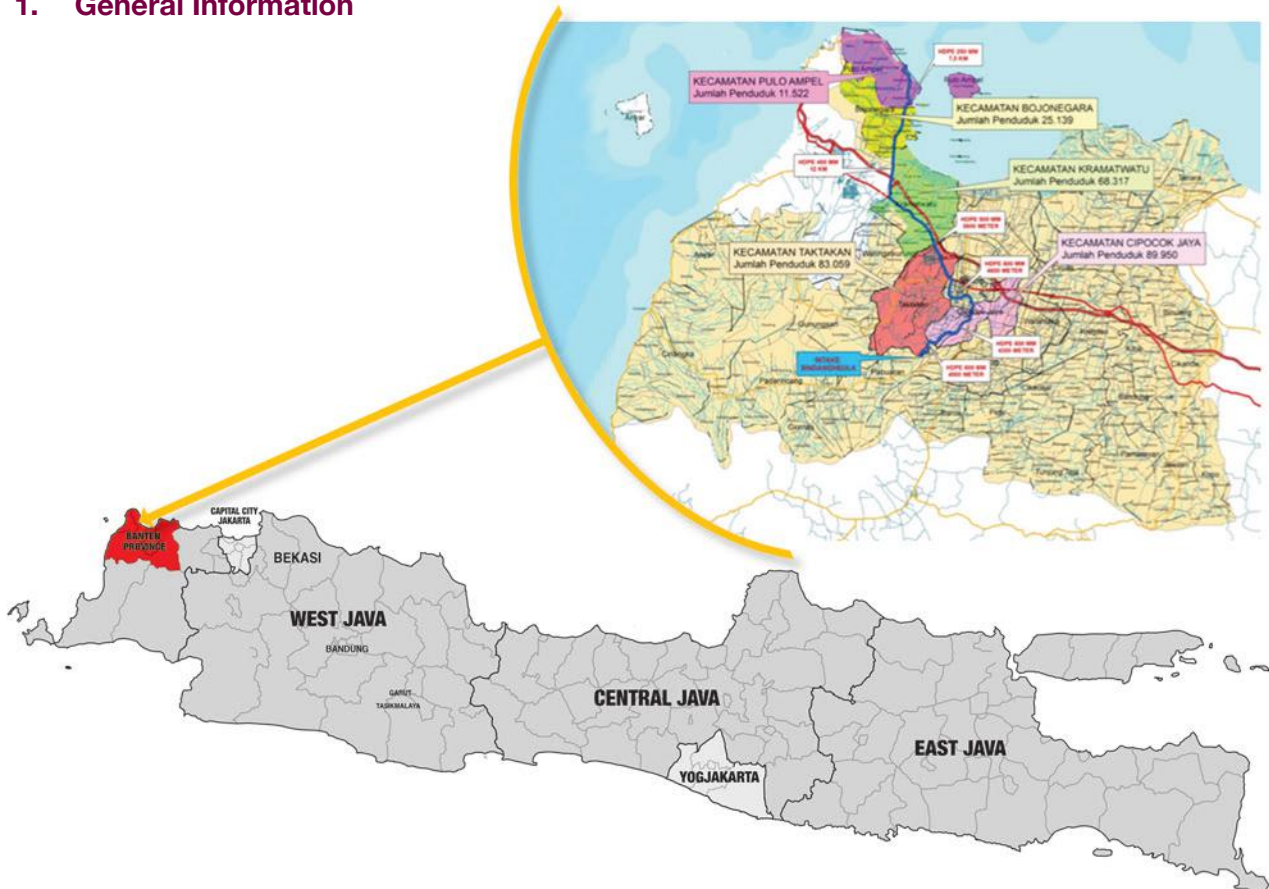


# SINDANG HEULA WATER TREATMENT PLANT, BANTEN

## 1. General Information



<b>Government Contracting Agency</b>	: Governor of Banten
<b>Implementing Unit</b>	: Water Resources and Settlement Agency, Banten Province
<b>Preparation Agency</b>	: Water Resources and Settlement Agency, Banten Province
<b>Estimated Project Cost</b>	: USD 17.00 million
<b>Estimated Concession Period</b>	: 15 – 20 years
<b>Location</b>	: Sindang Heula, Banten

## 2. The Opportunity

### 2.1. Project Background

Lack of proper drinking water is one of a crucial issue in urban development around Banten Province. Moreover, there is a huge gap between the existence of drinking water facilities in a suburb and city center. This condition is compounded by lacking of money to cover the operation and maintenance cost. Population in Banten have grown significant during this decade as well as the need of for clean and drinkable water.

Therefore, the government of Banten has a strong commitment to carry out a new water treatment plan in order to achieve 58,08 liter/second in 2020 at in Serang. A new development of Sindang Heula is being prepared by related stakeholders.

## 2.2. Project Description

Sindang Heula Water Treatment Plant is located on Sindang Heula Village, Serang District, Banten Province, coordinates east 106°6'52" and south 6°10'52,4". The development of this water treatment will be divided into three major areas; production unit, distribution unit, and services unit. Production unit will be 500 meters from intake Sindang Heula Dam. There will be Cipocok Raya, Taktakan, Kramatwatu, Bojonegara and Pelabuhan Bojonegara are distribution units. From this distribution units, the water will be flowed to Cipocok Raya, Taktakan, Kramatwatu, Bojonegara and Pulo Ampel District.

## 2.3. Project Objectives

The purpose of the project is to expand the coverage of water supply services in 5 sub- districts of the Serang district and Serang City, namely Cipocok Raya, Taktakan, Kramatwatu, Bojonegara and Pulo Ampel. The general objectives of the project are as follows:

- To expand the service coverage of the water supply system in Banten province
- To improve the quality of service of drinking water in Banten Province.

## 3. Business Entity's Opportunity

Private partner shall be responsible to finance, design, construct, operate, and maintain the infrastructure assets, including intake and water treatment plan. The private partner will also be responsible for billing and payment collection from customers

## 4. Project Technical Specification

The technical specifications for Sindang Heula Water Treatment Plan are as follows:

- Raw water source: ground water
- Processing system: full-equipment
- Distribution water system: piping
- Reservoir volume: 20% of daily uses
- Service area's slope: considered flat

## 5. Environmental Impact Assessment (AMDAL) Findings

The project is classified to require an Environmental Impact Assessment (AMDAL), Environmental Management Plan and Public Consultation.

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## 6. Land Acquisition and Resettlement Action Plan

For the development of the water intake, water treatment plan and service reservoir, the Government of Banten estimates the project requires approximately 13,000 m<sup>2</sup> of land. The transmissions main are expected be laid on public land.

## 7. Project Structure

Estimated project cost	USD 17.00 million
Indicative debt to equity ratio	
- Debt level	70%
- Equity level	30%

## 8. Government Support and Government Guarantee

The Government of Banten will support the project in form of land acquisition. To mitigate the project's risks from changes in demand risk and shifts in political scenario, government guarantee may be required. In this regard, the level of risk perceived from investors will be determined at market sounding.

## 9. Project Implementation Schedule



## 10. Contact Information

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