**CHAPTER 1. PROJECT INFORMATION**

**Project title**

Improving the water environment in Binh Duong province

**Bid package name**

Increasing the capacity of wastewater treatment plant in Di An city

**Contracting Agency**

Binh Duong Provincial People’s Committee

Address: Floor 16, Binh Duong Provincial Administration Center Building, Thu Dau Mot city, Binh Duong province;

Tel: +84-274 3.822825, Fax: +84-274 3.822174

Email: vpub@binhduong.gov.vn; Web: binhduong.gov.vn

**Construction Investor**

The project management Board of Binh Duong provincial wastewater

Address: No 11, Ngo Van Tri street, Phu Loi ward, Thu Dau Mot city, Binh Duong province;

Tel: +84-274 3.840055, Fax: +84-274 3.827738

Email: bdspmu2019@gmail.com

**Construction Design Consultant**

Water Supply, Sewerage and Environment Consultancy Joint Stock Company (WASE JSC.)

Address: No 10, Pho Quang street, ward 2, Tan Binh district, Ho Chi Minh city;

Tel: 84-028 3.8475164, Fax: 84-028 3.8475163

**Construction investment purposes**

The general purpose of the project is to control environmental pollution caused by urban waste water, to strengthen people’s approaches to services of wastewater quality improvement, to protect water resource quality and to protect community health.

The specific purpose of the bid package is to decrease environmental pollution caused by urban waste water in some southern Binh Duong regions such as Di An city..., to increase the capacity of wastewater treatment plant in Di An city.

**Bid package size**

Installing more equipment, materials and building some construction works to increase the capacity of wastewater treatment plant in Di An city more than 20.000 m³/day for main following construction works:

* Sewage pumping station: equipped 03 more sewage pumping machines with inverters, one more fine sewage screen and materials, water mains, electric power systems...
* Mechanical treatment (input): installed one more fine sewage screen (rotary drum screen); one equipment used for seperating sand and lubricant; materials and water mains...
* ASBR (Advanced Sequencing Batch Reactor): building a new sequence of 4 ASBRs;
* Building one more sludge compaction tank and one more sludge pumping station after compaction;
* Building a new UV sterilization system and a stabilized lake after UV sterilization;
* Incident lake: upgading, building and extending an existing incident lake;
* Building a new internal path connecting with an existing path;
* Technical water pipes system, rainwater draignage system, wastewater collection system, water supply system...
* Building a new backup generator plant and transformer.

**Project location**

The project is carried out in Di An city.

**Project group and category and level**

The project belongs to group A, technical infrastructure level 1

**Construction work use and warranty period**

The warranty period of construction work is more than 50 years (reinforced concrete structure construction work)

**Bid package documents**

1. Presentation of construction drawing design includes 3 volumes in A4 paper size

Volume 1: Presentation of construction design

Volume 2: Processes of operation – service – maintenance;

Volume 3: technical guides

1. Construction design drawing, A2 paper size;
2. The construction cost estimate consists of 1 volume in A4 paper size