



# Colombo Port Expansion Project

East Container Terminal Stage-1

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### Terminal Brief

East Container Terminal Stage-1 is located at Colombo Port in Sri Lanka. The quaywall length of East Container Terminal Stage-1 is 450m, and the water depth at the quay is C.D.(-)18m. The maximum sized vessel to be accommodated is 18,000TEU. The total area of East Container Terminal Stage-1 is approx. 260,000m<sup>2</sup> and the scale of container stacking yard is 2,466 TGS.

Four quay cranes capable of stacking containers up to 24 rows from the quaywall (port side) to the opposit end of the vessel width are planned to be installed. The terminal is equipped with facilities required for operating a container terminal such as operation building, gate, workshop building, substation, etc.

### Quay Wall

Quay Length	Capacity	Water Depth
450m	18,000 TEU	C.D. (-) 18.0m

### Container Stacking Yard

Description	Capacity	Stack Height
Full Container	1,980 TGS	6
Empty Container	330 TGS	7
Reefer Container	156 TGS	3
TOTAL	2,466 TGS	

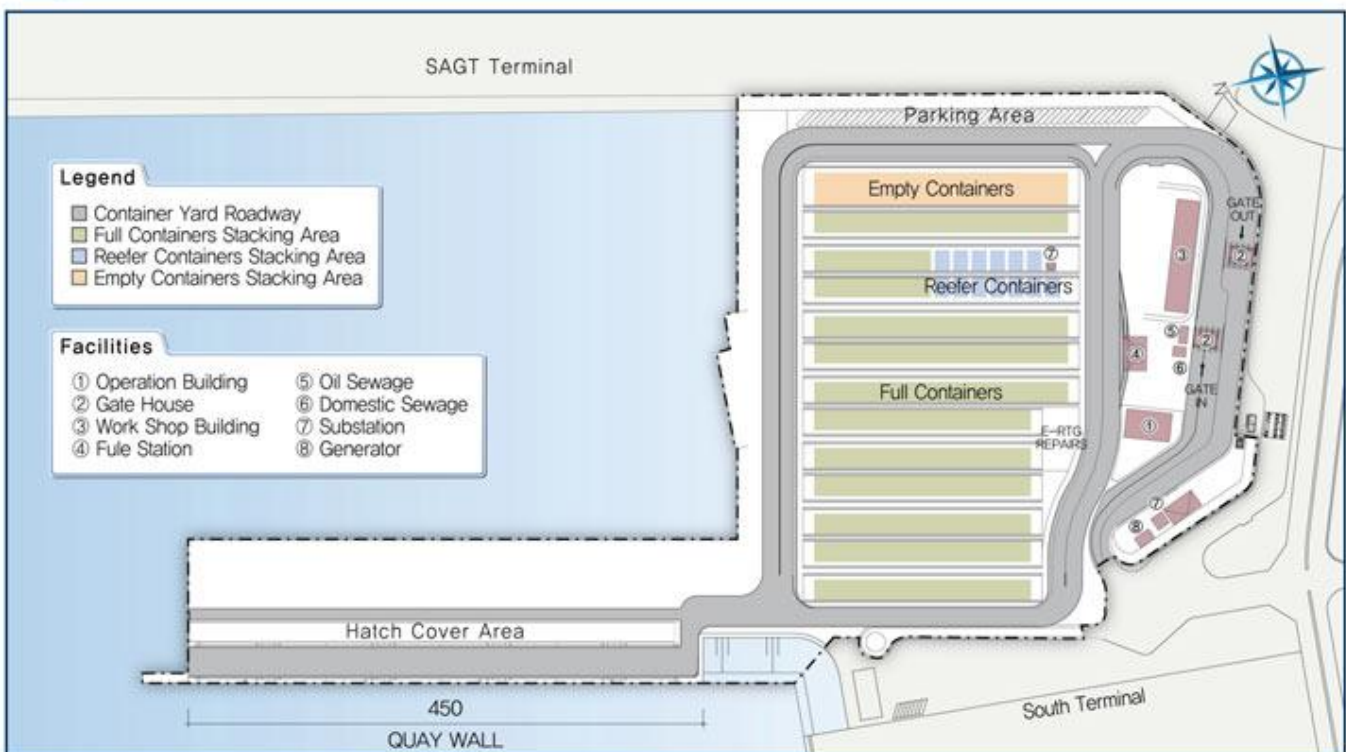
### Major Equipment and Facilities

Major Equipment		Facilities
Quay Crane	4no.	Operation Bldg.
E-RTG (Rubber Tired Gantry)	12no.	Gate House
RMG (Rail Mounted Gantry)	1no.	Work Shop Bldg.
Yard Tractor	30no.	Substation

**Location** : East Container Terminal Stage-1, Colombo Port, Sri Lanka



**Layout Plan**



**Client : Sri Lanka Ports Authority**

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**Contractor : Hyundai Engineering & Construction Co., Ltd.**

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**Engineering Consultant : DY Engineering**

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