

JSW Paradip Terminal Pvt. Ltd.

**DEVELOPMENT OF IRON ORE EXPORT TERMINAL
AT PARADIP PORT, ODISHA, INDIA**



[Year Completed: 2019]

Involves:

- Preparation of DPR for max ship size of 180,000 DWT
- Preparation of Master Plan
- Detailed Engineering
- Preparation of Tender Documents and assisting Client to appoint Suppliers / Contractors.
- Coordination with Independent Engineer
- Preparation of Construction Drawings, review of submittals, etc.

Project Features:

- Ship Size : 180,000 DWT
- Berth : 370 m length
- Stockyard : 150,000 sq. m.
- Dumper House : Rotary Tippers (1 Tandem + 1 Single Wagon)
- Stacker / Reclaimer (2 Nos.) : 4000 / 7000 TPH
- Reclaimer (2 Nos.) : 4000 TPH
- Conveyor System (~8.3 km) : 4000 TPH & 7000 / 11000 TPH
- Substation : 2x12.5 MVA at 33 kV

PPT allocated space for the berth at a new dock to be dredged near the breakwater and stockyard location at a low lying area at a distance of about 5 km from the berth for development of an Iron Ore export terminal.

Project involves,

- Establishing the berth alignment and its location for planning the dredging of the new dock by PPT

and Tippler House location on PPT's future track based on the site investigation report

- Preparation of overall project layout connecting the stockyard, berth and layout of the project and firming up levels of berth, stockyard, etc.
- Preparation of DPR, land reclamation and consolidation plan at the stockyard including providing clarifications to IE and PPT,
- Detailed engineering, splitting the facility in different cost effective packages, tendering / recommendation, checking of submissions
- Preparation of construction drawings of Berth, Tippler House including Tunnel and other civil structures required for the facility
- Taking IE's approval
- Assistance by providing technical input during project implementation, commissioning and load trial
- Preparation of as-built drawings for civil works and obtaining the same from Suppliers



**STACKER-RECLAIMER (4000/7000 TPH) FOR IRON ORE STOCKYARD UNDER ERECTION.
STORAGE YARD UNDER CONSOLIDATION & CONSTRUCTION**



STACKER-RECLAIMER AND DUST SUPPRESSION SYSTEM IN OPERATION AT STORAGE YARD



**BOTH TANDEM AND SINGLE WAGON TIPPLER STATIONS
UNDER ERECTION**

[Tippler video option attached]



**CONVEYORS & SHIPLoadERS (7000 TPH EACH FOR 180,000 DWT SHIP) UNDER INSTALLATION ON THE BERTH.
BERTH CONSTRUCTED ON SHORE BEFORE COMPLETION OF FRONT DREDGING, WHICH IS IN PROGRESS**



**SHIPLoadERS
#1 & #2**



CONVEYING SYSTEM AND TWO SHIPLoadERS FOR 180,000 DWT SHIP