

JSW Dharamtar Port Pvt. Ltd., Alibaug., Maharashtra
PHASE II EXPANSION OF JSW DHARAMTAR PORT,
ALIBAUG, MAHARASHTRA, INDIA



Expansion of Dharamtar Port, Dolvi, Alibaug, involves:

- **Integration Plan of New Scheme with the existing Port and Steel Plant**
- **Preparation of DPR**
- **Preparation of Master Plan**
- **Preparation of Tender Documents and assisting Client to appoint Suppliers / Contractors.**
- **Preparation of Construction Drawings, review of submittals, etc.**

Dharamtar is the downstream port of the transshipment chain of the 33 MTPA cargo unloaded at Jaigarh Port for the Steel Plant of JSW Group.

Grafix was appointed by JSW Group for conceptual and detailed engineering of handling the sea going 8000 / 10,000 tonne barges originating at Jaigarh Port for providing

- a. The layout and equipment sizing taking note of environmental restrictions and land availability
- b. DPR for handling of 33 MTPA of various types of bulk cargo with add-on type concept taking note of likely flow of cargo from Jaigarh Port
- c. Detailed engineering of the
 - i. Berths including construction drawings
 - ii. Barge handling multipurpose Unloaders which can be used for unloading various types of bulk cargo and loading steel coils, one of the products of the Steel Plant
 - iii. Conveyor system connecting berths and shore based storages, both at the port (behind the berths) and Steel Plant, bypassing the port storage
 - iv. Electrical and Control system
 - v. Engineering and fabrication drawings of steel structures
- d. Tender documents and assisting JSW installing the entire facility using tendering route
- e. Assistance in commissioning and as-built drawing preparation





**MULTIPURPOSE UNLOADERS, EACH FOR HANDLING OF 2500 TPH (IRON ORE),
1500 TPH (COAL & LIMESTONE) FROM 8000/10000 T BARGES &
LOADING OF STEEL COILS (32 T, EACH) IN BARGES**



**JETTY CONVEYOR
INTERFACING WITH THE COVERED STORAGE FOR RAW MATERIAL (by others) OF THE STEEL PLANT**