

**JSW Jaigarh Port Ltd., Jaigarh, Ratnagiri Dist., Maharashtra**

**PHASE II EXPANSION OF JSW JAIGARH PORT,**

**RATNAGIRI, MAHARASHTRA, INDIA**



**Panoramic View from the Landside with transshipment facilities added**

**Expansion of Jaigarh Port, Jaigarh, Maharashtra, involves:**

- 1) Integration Plan of New Scheme with the existing Port**
- 2) Preparation of DPR considering max ship size 400,000 DWT (Valemax)**
- 3) Preparation of Master Plan**
- 4) Preparation of Tender Documents and assisting Client to appoint Suppliers / Contractors.**
- 5) Preparation of Construction Drawings, review of submittals, etc.**

**JSW Infra** appointed Grafix for development of a Transshipment Terminal for import of 33 million tonnes of raw material in large ships and export of identical quantity by sea going barges to their own Steel Plant at Dharamtar, Alibaug.

Grafix provided

- a. The Master Plan for phase wise development and provision of alternatives if development plan changes in future
- b. The changes a Container Berth required to suit bulk handling with a provision to handle containers in future
- c. Planning ship size upto 330,000 DWT for import in bulk
- d. Development of load-out berths for barges upto 10000 tonnes and in Supramax ships
- e. Matching capacities of equipment like, Unloaders, Stacker / Reclaimers , Barge

Loaders and Conveyor System having peak handling capacity of 11000 / 6800 TPH in terms of Iron Ore and Coal respectively

- f. Integration of existing facility to supplement the new facility in case of emergency
- g. Preparation of the DPR
- h. Design and assistance in packaging, tendering process till award of all contracts and review of submissions
- i. Construction drawings of barge berths
- j. Taking approval
- k. Assistance by providing technical input during project implementation, commissioning and load trial
- l. Preparation of as-built drawings for civil works and obtaining the same from Suppliers

The project is in operation over one year and further expansion is under consideration

**CONVEYOR SYSTEM INCLUDING STRUCTURAL & FOUNDATION DESIGN OF GALLERIES & TOWERS**



**INITIAL PANORAMIC VIEW OF THE PORT FOR POWER PLANT**



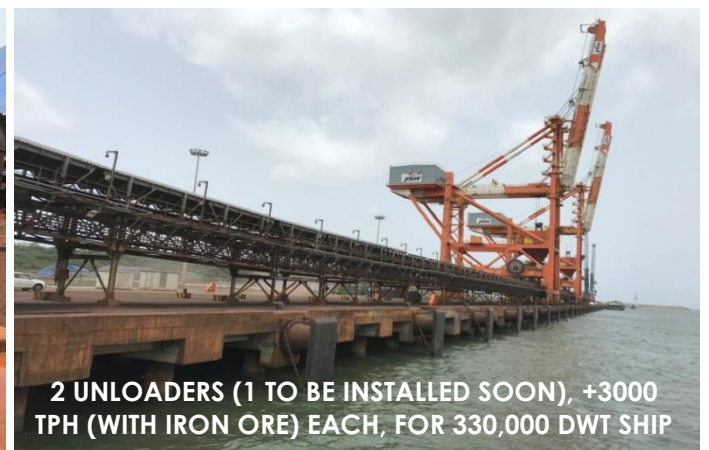
**GROUND IMPROVEMENT BY SAND PILING**



**LAND RECLAMATION & SUBSEQUENT GRADING WORK**



**STOCKYARD FOR TRANSSHIPMENT CARGO (IRON ORE & COAL) WITH PARTLY COVERED SHED WITH SPACE FOR EXPANSION**



**2 UNLOADERS (1 TO BE INSTALLED SOON), +3000 TPH (WITH IRON ORE) EACH, FOR 330,000 DWT SHIP**