



Corporate Office :

OBEROI CHAMBERS II,
646, NEW LINK ROAD, ANDHERI (W),
MUMBAI - 400 053. INDIA
Tel. : +91-22-3950 6800
Fax : +91-22-3950 6900
E-mail : info@bharatishipyard.com
Website: www.bharatishipyard.com

Bharati Shipyard Limited

Regd. Office : 302, Wakefield House, Sprott Road, Ballard Estate, Mumbai - 400 001.

Ref: BSL/Gen/2013/5128
27 September 2013



TO WHOMEVER IT MAY CONCERN

1. We are pleased to confirm that M/S Grintex India Ltd, Gurgaon (India) have been supporting the Bharati Shipyard Limited for the detailed and production design/drawing work of the 118 m long Research Vessel to DNV and IRS class to the best of our satisfaction. We find their work to be accurate and of good quality. They are keeping schedule as our sub contractor. The scope of work includes following:-

- a) Compilation of the required inputs sent by the Yard for generation of 3 D model in Ship Constructor Software.
- b) Generation of 3 D models for the blocks and mega blocks
- c) Revision in input drawings / data necessitated due to inputs from shipyard and ensuring that the 3D model is kept updated with any design changes made by the Yard
- d) Carrying out review of the 3D model and deliverables with BSL engineers
- e) Making sure that the review points are incorporated in the 3D model and the production drawings
- f) Extraction of 2 D views from the 3 D model
- g) Finalization of drawings for the profile, longitudinal and transverse sections, deck plans, and bulkheads as required for fabrication and assembly of blocks and mega blocks.
- h) Submission of nesting plans and bill of materials in BSL format
- i) Setting the priorities of deliverables as per construction demand
- j) Resolving any technical query raised by the Yard related to production

2. We found that the design team at Grintex India Ltd is professional and have sound knowledge of Production design and the software. They have been flexible and co-operative in their approach.

(Jayanta Roy)

Vice President -Design



SHIPYARDS :	RATNAGIRI	GHOD BUNDER	GOA	KOLKATA	DABHOL	MANGALORE
PHONE	+91-2352-232371	+91-22-28458933	+91-832-2555090	+91-33-24551310	+91-2358-248555	+91-824-2456326
FAX	+91-2352-232524	+91-22-28456040	+91-832-2555091	+91-33-24549795	+91-2358-248555	+91-824-2456385