



गार्डन रीच शिपबिल्डर्स एण्ड इंजीनियर्स लिमिटेड **Garden Reach Shipbuilders & Engineers Ltd.**

(भारत सरकार का उपक्रम, रक्षा मंत्रालय)
(A Government of India Undertaking, Ministry of Defence)
CIN NO. : L35111WB1934GOI007891

SECY/GRSE/BD-69/CA/29/22-23

21 Oct 2022

To,

National Stock Exchange of India Limited
Exchange Plaza,
Bandra Kurla Complex, Bandra (E),
Mumbai – 400 051
Symbol: GRSE

BSE Limited
Phiroze Jeejeebhoy Towers,
Dalal Street
Mumbai – 400 001
Scrip Code: 542011

Sub: Intimation for MoU entered at Defexpo 2022, Gandhinagar under Regulation 30 of the SEBI (Listing Obligations and Disclosure Requirements) Regulations 2015, as amended ("SEBI LODR")

Dear Sir / Madam,

1. In terms of Regulation 30 and other applicable provisions of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015, as amended (the "SEBI LODR Regulations"), we inform you that the Company has participated in the Defexpo 2022, Gandhinagar and entered into thirteen (13) numbers non-binding MoUs which are confidential in nature.
2. We are enclosing herewith brief particulars of MoUs as **Annexure I**
3. This is for your information and record.

Thanking You,

Yours faithfully,
For GARDEN REACH SHIPBUILDERS & ENGINEERS LIMITED

SANDEEP
MAHAPATRA

Digitally signed by SANDEEP
MAHAPATRA
Date: 2022.10.21 15:19:53
+05'30'

Sandeep Mahapatra
Company Secretary and Compliance Officer
ICSI Membership No. ACS 10992

GRSE enters into MoUs during Defexpo – 2022

Sl. No.	MoU/Collaboration with	Particulars/ Anticipated Business Volume/ Remarks
1	M/s Gibbs and Cox	M/s Gibbs and Cox are a globally renowned design firm with a prominent presence in America and Europe. GRSE can leverage G&C's global presence to participate and win foreign tenders to meet the export targets set for GRSE.
2	Indian Register of Shipping (IR Class)	i) Faster quality inspections during ship repairs/modifications & component inspections as IR Class has presence in India as well as outside India. ii) MoU will help in establishing GRSE as single point service provider for Portfolio of services from ship repairs/modification to various technical studies such FEM analysis, fatigue life assessment of ships, noise/vibration analysis, sea-keeping analysis etc., to prospective customers/clients in India & abroad.
3	IIT, KHARAGPUR	Industry 4.0 technique i.e. AI/ML/DL/ would achieve lower operating costs overall through better uses of resources, less wastage, reduced quality issues, and less downtime. ▪ Smart manufacturing becomes an integral part of our business strategy will create a vision for leverage industry 4.0 technologies and techniques to transform our business model to sustain in competitive environment. ▪ MoU on industry 4.0 and its implementation organization becoming more digitized across every stage of the production lifecycle, from design and development to planning, process engineering and delivery lead to delivery of project timely.
4	M/s Patel Engineering Works	Refit of ships.
5	Conceptia Software Technologies	Commercial opportunities to execute Ship Repair contracts for merchant vessels at Kolkata utilizing Infrastructure available with GRSE.
6	M/s RAADS Marine	Commercial opportunities for Design, Production, Supply and Maintenance of conventional boats (All variants of Patrol Boats, Fast Attack Crafts, Fishing Trawlers, Tugs, Multipurpose Boats, Ferries etc.) in India or for International Market.
7	M/s Elite Polymer	Commercial opportunities for Design, Production, Supply and Maintenance of conventional boats (small crafts) in India or

		for International Market. Construction and supply of small FRP boats and repair/AMC of FRP boats.
8	SERC, Chennai	Commercial opportunities for Design, Production, Supply and Maintenance of New Steel Bridges in India or for International Market.
9	M/s Vrinda Engineers Pvt Ltd	Commercial Opportunities for technical & Commercial collaboration for manufacture, supply and construction of New Steel Bridges (Large Span Steel Through Type Bridges, Girder Bridges, Open Web and Plate Girder Railway Bridges) including Turnkey projects with Civil works.
10	M/s Saif Powertec Limited	Involves development of maritime infrastructure for Ports in other countries.
11	M/s Nibe Ltd., Kolkata	Fabrication & co-production of complex steel structures build to design and allied activities at GRSE, Kolkata or elsewhere in India.
12	M/s. Sadhav Offshore Engineering Pvt. Ltd	Refit of ships
13	M/s. Indian Armour systems Pvt. Ltd (IAS)	Explore export opportunities in Armour Boats.

