

Make your business go forward

An aerial view of an offshore oil rig in the ocean. The rig is a complex structure with a tall derrick and various platforms. The water is dark blue, and the sky is overcast. A large blue graphic overlay is positioned over the right side of the image, containing the title text.

Raise Pte Ltd Brochure

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RAISE PTE. LTD. provides innovative engineering solutions to the marine and offshore industries for repair services. Our team was formed by a group of experienced managers, professional engineers, highly-skilled technicians and workers, each adept in their field and has more than one decades of experience in the industry.

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ABOUT US

RAISE has grown by providing the complete service with the use of advanced technologies.

1. ABOUT US

RAISE PTE. LTD. provides innovative engineering solutions to the marine and offshore industries for repair services. Our team was formed by a group of experienced managers, professional engineers, highly-skilled technicians and workers, each adept in their field and has more than one decades of experience in the industry.

Our services include repair work, HVAC work, and supply of equipment. By delivering innovative solutions that often redefine the possibilities of offshore and marine technologies, RAISE successful and sustainable outcomes for its customers – regardless of the complexity of the projects.

RAISE has grown by providing the complete service for repair work and HVAC work with the use of advanced technologies. Together with our pool of skilled service providers, we look forward to helping you reduce the costs of your operations, without compromising excellent service.

1.1 OUR VISION

“To be the first choice for the offshore and marine for repair work and HVAC work “

1.2 OUR MISSION

We are providing innovative engineering solutions, products and services to the offshore, and marine industries.

1.3 TEAM

Message from the Director:
Md. Shahadot Hossain
Emon



I believe quality service is the key of business success. To ensure quality service, we need to focus on continuous improvement.

Once a milestone is achieved, there is always another new improvement waiting to be crossed.

We are confident to reduce the costs of your operations, without compromising excellent service. We highly believe in keeping our standards to an excellent level, ensuring quality checks are conducted at all stages of the overhauling process up until final installation and testing. We also offer our clients our relevant engineering expertise knowledge that will benefit the customer.



SERVICE

SERVICES

2. OUR SERVICES

RAISE is one stop support solution for Marine & offshore industry. Following are the services:

- 2.1 Mechanical & hydraulic
- 2.2 Steel fabrication & outfitting
- 2.3 Tank cleaning, de-mucking & de-sloping
- 2.4 Pipe fabrication and installation
- 2.5 Anchor windlass inspection/ repair in situ
- 2.6 HVAC system in ship
- 2.7 Manpower supply in port and for voyage repair

2.1 MECHANICAL AND HYDRAULIC.

Overhauling, routine maintenance, new installation and troubleshooting: for main



engine, aux engine, Hydraulic Motor, Hydraulic Cylinder, pumps, Gearbox, Hydraulic Winch, boiler, crane, deck machinery.



Hydraulic Pump Repair

Steering Gear box repair work:

Steering gear provides vessel to turn port-star board, hence this system is subject to biggest loads at the vessels. So Steering gear hydraulic system should run perfectly for safe and smooth navigation of vessel. Small mistake at steering gear hydraulic system maintenance results will be heavy. We are providing perfect repair



and maintenance service with our specialist team.

SERVICES



We do servicing of:
hydraulic motors includes various standard motor sizes ranging from 1.0 litre/rev to 32.6 litre/rev, with turning moments up to 135 kNm.

Hosting Winch/Crane Overhaul:

Once any hosting winch/crane arrives at our facility we do bench test to know the condition of the hosting winch/crane. if we find out hosting winch/crane unit is



not functioning satisfactory, we will carry out complete servicing of hosting winch/crane unit by using following standard of work procedure.

-Carry out complete dismantling of hosting winch/crane.

- Clean all internal parts and carry out inspection together with customer's representative.
- Box up hosting winch/crane with supply necessary



new spare parts, if need

-Carry out test run on hosting winch/crane before delivery to the customer.

To complete the repair works of hosting winch/crane, we will do bench test in presence of customer's representative to show the satisfactory outcome.



Once any Planetary gearbox arrives at our facility we disassemble, clean, and inspect the condition of gears and shafts. If the condition of planetary gears and shafts are qualified to be repaired, if not we have the capabilities to manufacture planetary gears and shafts. We complete the servicing after pass the test run for overheating, vibration, and leaking to ensure the quality.

Engine overhaul:

We are a professional service provider for Main Engine & Auxiliary Engine overhaul. We carry out this service by following the instruction



and procedure strictly from engine's maker, based on much overhaul experience on our professional staff for various brands and types



of diesel engines. Detailed overhaul report for each cylinder shall be issued upon completion of overhaul.

Hydraulic cylinder Overhaul

Once any hydraulic cylinder arrives at our facility we do complete dismantling, cleaning all parts and fully inspection on hydraulic cylinder. If we find out some damages on hydraulic cylinder assembly, we will submit condition report of hydraulic cylinder to customer review. After that we replace all damage



part of the cylinder by providing spare. Finally box up and perform function test with customer's representative.

SERVICES



2.2 STEEL FABRICATION & OUTFITTING

Repairing / renewing ship's hull steel plate, all kind of steel work such as new AHT Winch Foundation Fabrication and Installation, Cargo Grab Repair, Damaged Crane Boom Repair, Rudder Blade Fabrication, Crane Boom Fabrication and Installation, AHT Winch Spooling Bracket, and Triangle Spreader Bar. Owned fully equipped workshop facility for precise machining & fabrication of pipe, strainer, Hydraulic pipe / hoses etc.

fabrication and erection works. We fabricate many hull models for our ship yard client, as well as offering custom built steel works for ship.

We can do steel outfitting construction and skid construction. We can offer quick pricing and delivery from your drawings, or we can custom engineer your fabrication works.



SERVICES



2.5 TANK CLEANING, DE-MUCKING & DE-SLOPING

We can provide Tank Cleaning, De-sludging, De-sloping, and De-mucking facilities in Singapore



with a very competitive price by following all MARPOL regulation & requirement.

We collect all waste at the time of cleaning than dispose in an environmentally-friendly manner instead of discharge into the sea. The entire process is in line with following Health, Safety, Security &



Environment (HSSE) and compliance policies as well as all local and regional environmental regulations.

SERVICES



2.4 PIPE FABRICATION AND INSTALLATION

Repairing/renewing ship's all piping work. Owned fully equipped workshop facility for



precise machining & fabrication of pipe, strainer, Hydraulic pipe / hoses etc.



SERVICES



2.5 ANCHOR WINDLASS INSPECTION/ REPAIR IN SITU

Repairing / renewing of all work of Anchor Windlass such as new Anchor Windlass Inspection, Anchor Windlass Hydraulic System Troubleshooting, Anchor Windlass



Major Repair In-situ, Anchor Windlass Overhauling, and Anchor Windlass Clutch and Coupling Reconditioning.

The vessel's main deck anchor windlass was removed by floating crane and transported to workshop for repairs to her shaft. The damaged shaft was realigned



and supplied new bearings to fit.

SERVICES

2.6 HVAC SYSTEM IN SHIP

The HVAC system in a ship controls the complete onboard climate. HVAC systems in ships are very rarely a one size fits all

- Electromagnetically compatible



game. Therefore, a thorough assessment of your objectives and requirements is necessary to provide your ship with the best possible HVAC system. Limited space, environmental conditions, type of cargo and the type of vessel all influence the decisions in the process of designing your HVAC system.

Special HVAC systems

We can design any HVAC system for any ship. We have served the merchant shipping and yachting industry as well as the offshore and navy industry. If desired, our marine HVAC systems can be equipped with some special features:

- Energy efficient
- Silent
- Equipped with Nuclear Biological Chemical (NBC) filtration system
- Shockproof

2.7 MANPOWER SUPPLY IN PORT AND FOR VOYAGE REPAIR

We can supply safety assessor, SRM, skilled welder (With 4G, 6G, 6G-R & MIG Certificate), Skilled fitter (Mechanical, Piping, Steel work, Hydraulic), for voyage repairs. Repair team can follow the vessel from one port to another port to complete all kind repairs on voyage. On commercial point of view this way ship owner can save cost for off-hire.

Raise Pte. Ltd. is the appointed

bizSAFE is by