



# TC Offshore Marine Pte Ltd.



TC Group of the Companies:

- TianCheng Electrical Marine Equipment Pte Ltd.
- TC Offshore Marine Pte Ltd.
- TC Energy Equipment and Services Pte Ltd.
- TC Medical Technology R&D Pte Ltd.



# 01

## About TC Offshore

TC Offshore Marine Pte Ltd is a subsidiary of Tiancheng Electrical Marine Equipment Pte Ltd.

We are competitive in supplying most deck machineries & cranes. Our in-house engineering team also takes on design & builds scope of work for above products.

We will not hesitate to offer client a relevant proposal with faster turnaround time. Our vision is to be the most trustworthy & competitive service provider in Singapore.

We will strive towards giving our client the best after sales support. Our in-house team can go onboard operation vessel to perform inspection, repairs, servicing with doing all necessary tests.

We are highly experienced and have previously made many modification & refurbishment jobs in our 76,500 sqm workshop these past 10 years.

Looking forward to serving you.





# 02 TC Group of Companies



## 1

### Marine



- TianCheng Electrical Marine Equipment Pte Ltd was founded on 23 June 2011.
- The company specializes in design, research & development, Sales & Marketing, manufacturing and production of marine equipment.

## 3

### Oil & Gas



- In July 2018, TC Energy Equipment and Services Pte Ltd was established.
- The company specializes in sales and services of API products and LNG gas and equipment for the Oil & Gas industry. .

## 2

### Offshore



- TC Offshore Marine Pte Ltd was established in 2017.
- The company specializes in design, research & development, services & commissioning, manufacturing and production of offshore equipment.

## 4

### Medical



- TC Medical Technology R&D Pte Ltd. was established in 2020
- The company specializes in design, research & manufacturing and production of medical device.



60T Storage winch



250 Ton Mooring Winch



Jet Sled Post Trenching Equipment



10 Ton Single Drum Hydraulic Lifting Winch



3Ton Double Drum Hydraulic Anchor Windless



Mechanical Multi-Purpose Arm





# 100 Ton Turret Gantry Hoist - Bumi Armada Berhad



TC Offshore Marine developed a "100 Ton Turret Gantry Hoist" for an FPSO Vessel. Mono-railing a 100 Ton vertical lifting with a longitude of  $\pm 50\text{mm}$ .

## Supply to:

1. Bumi Armada Berhad- Malaysia
2. ENI - Italy

## Length of work

Total Duration: 13 months





Anchor Pipe System

1300m<sup>3</sup>/hour 1500rpm 30bar Sea Water HPU

300 Ton Linear Winch



Flexible Hose Pipe Lay System



Post-Trenching System



Copper Slag System





- TC Energy specialize in design, sales and services of API products of Oil & Gas: Wellhead (include Casing Head, Casing Head Spool, Tubing Head Spool)
- API Wellhead and API X-mas tree
- API Choke and Kill Manifold,
- API Manual and Hydraulic Gate Valve,
- API Manual and Hydraulic Choke Valve,
- API Check Valve
- API Rotating Blowout Preventer(RBOP), Mud/Gas Separator, Various size of API Flanges,
- API Drilling Spools,
- API Elbows, Hammer Unions,
- API Ring Gaskets, Studs, Bolts and Nuts.





LNG Pipe



Cryogenic Tank



LNG Combination Filling Station



Speed Gas Supply System



LNG/ CNG Compressor



CNG Station in Myanmar





# 07

## LNG Liquefaction Plant

We are building a Medium-scale liquefaction plant in Indonesia with 600 ton/day and expected to start production in 2022.





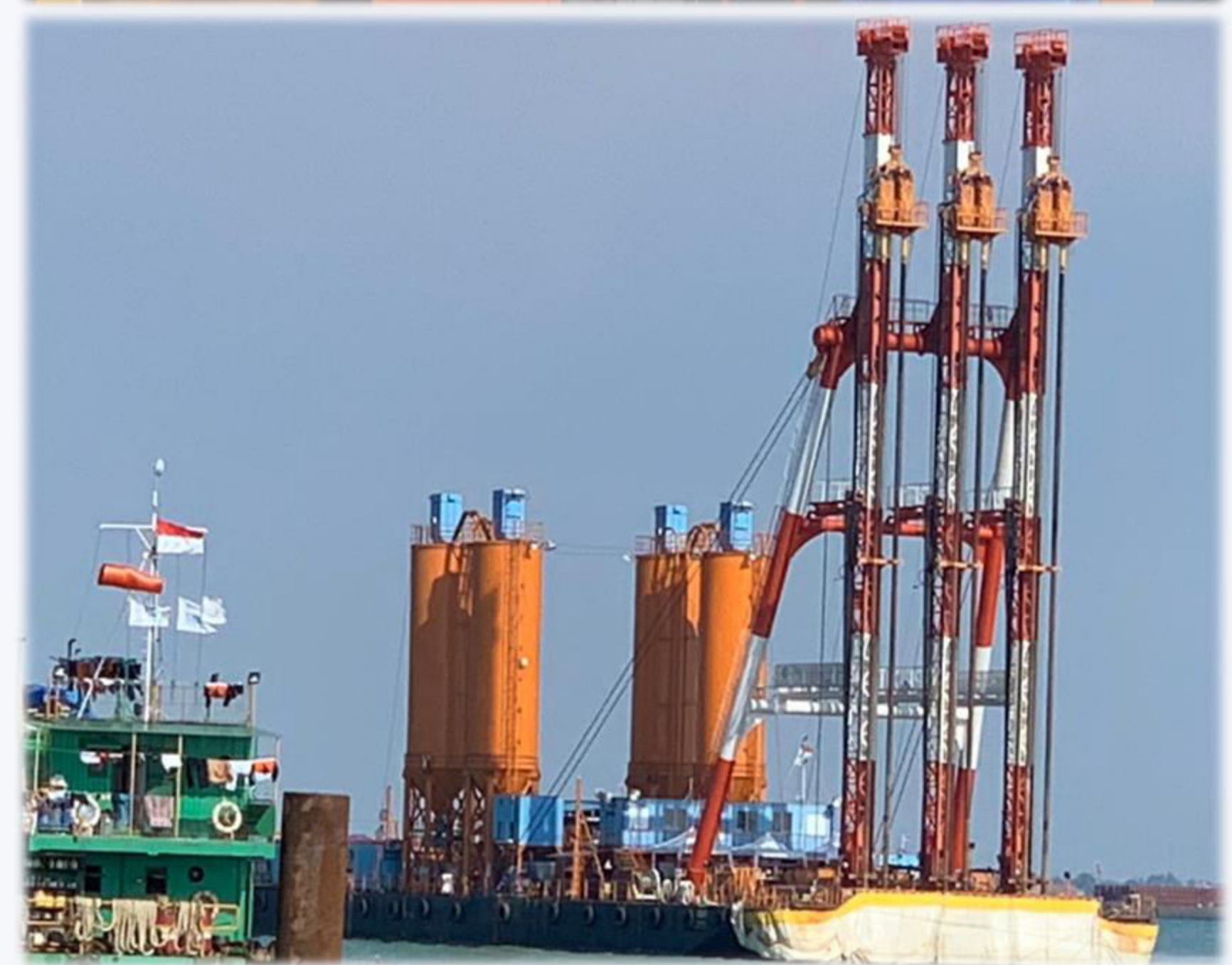
TC Offshore Marine Pte. Ltd undertake services and repair of equipment Onshore, Offshore and in TC Workshop.

S/No.	Equipment	Brand (OEM)
1	Marine & Offshore Machineries	Plimsoll, PH Hydraulics, Promoter, Transvictory, MacGregor, Rolls Royce
2	Marine & Offshore Cranes	JJ, MacGregor
3	Hopper Hydraulic Cylinders	Bosch Rexroth
4	Lars System	Deeptech
5	Pipe Handling System	TC, JJ



# Services & Repairs Jobs - Onboard

## 30Ton Bow Towing Winch repair in Cameroon



## Services repair of 10Ton Single Drum Lifting Winch in Indonesia



# Services and Repairs Job - Workshop



**Refurbishment of LARS System**



**Servicing of Pipe Handling Equipment**



**Servicing/Overhaul of Hopper Cylinder**



# 20T Double Drum Mooring Winch Modification from Manual Brake to Hydraulic Brake

Before

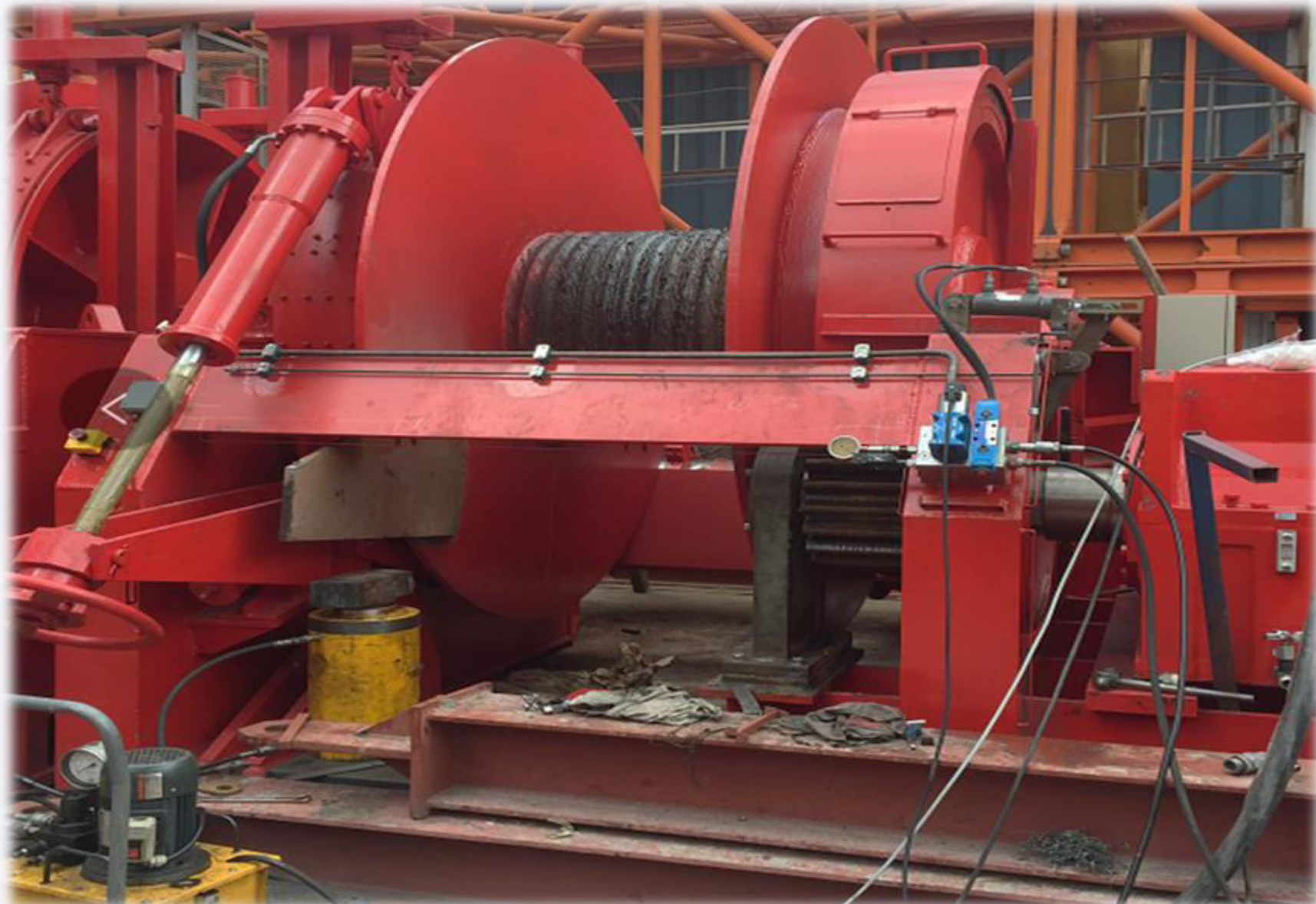


After



# 50T Single Drum Mooring Winch Modification from Hydraulic to Electrical Winch

Before



After





No.	Project	Client	Location
1	Modification to Hydraulic Power Unit	Bangladesh Port Authority / Penta Ocean, Japan	Bangladesh
2	1 Ton Pipe Carriage Crane	ENI & PT Pertamina / PT Hafar	Indonesia
3	10 Ton Trunnion Winch / 15 Ton Gimbal Winch 20 Ton Drag Head Winch	ASL Shipyard	Singapore
4	9 Ton Hydraulic Tugger Winch	ENI & PT Pertamina / PT Hafar	Indonesia
5	Post Trenching System	PT Pertamina / PT Hafar	Indonesia
6	Mechanical Multi-purpose Arm	China Railway Ministry	China
7	50 ton Double Drum 8 Point Mooring Winch System	Koon Singapore / PSA Singapore	Singapore
8	15 ton Double Drum 4 Point Mooring Winch System	Bangladesh Port Authority / Penta Ocean, Japan	Bangladesh
9	300 ton Linear Winch System	ENI & PT Pertamina / PT Hafar	Indonesia
10	50 ton Double Drum 8 Point Mooring Winch System	Koon Singapore / PSA Singapore	Singapore
11	15 ton Double Drum 4 Point Mooring Winch System	Bangladesh Port Authority / Penta Ocean, Japan	Bangladesh
12	300 ton Linear Winch System	ENI & PT Pertamina / PT Hafar	Indonesia
13	100 ton Turret Gantry Hoist System for FPSO	ENI / Bumi Armada Malaysia	Angola
14	Jet Sled Post Trenching System	PT Hafar	Indonesia
15	100 ton 8 Point Mooring Winch System	GeoOcean	Angola
16	250 ton Single Drum Hydraulic Mooring Winch System	PT Pertamina / PT Hafar	Indonesia
17	13 ton Hydraulic Anchor Pipe System	HESS / PT Hafar	Indonesia
18	2.5 ton Windlass /30 ton Hydraulic Winch	BengHui Marine Electrical Pte Ltd	Singapore



# 10 Certificates

Our complete Quality, Environment and Occupational Health & Safety system includes a management manual, procedure documents, volumes of workbook. These documents cover all the work of company's operation, production and management and clearly define every process, standard specifications and basic requirements of operations.

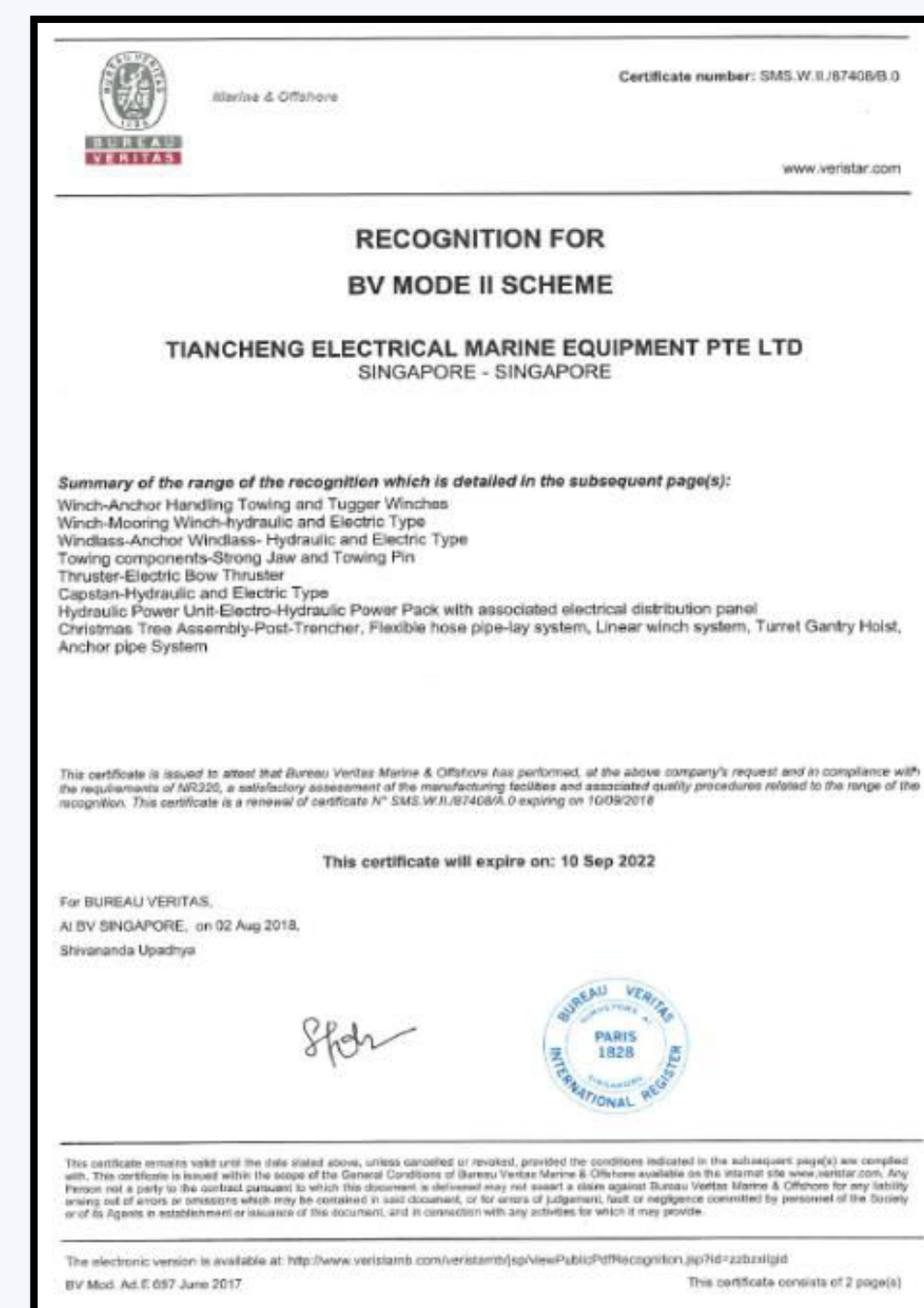


## ■ Quality Management System ISO9001:2015

## ■ BV MODE II SCHEME

## ■ BizSAFE Level 3

## ■ API Q1 Quality Management System





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## Member Certificates

To promote our brand and the multiple resources of TC Group of Companies, we actively participate in major Chambers of Commerce and Industry and business authorities and associations:

- Singapore Chinese Chamber of Commerce & Industry Associate Corporate Member certificate
- Singapore Manufacturing Federation
- Singapore cranes association





TC has completed many large & mid scale projects, and enjoys more than 10 awards.

- Singapore Enterprise Medal of Honour Award 2016
- Singapore's Outstanding Enterprise Awards 2017
- Outstanding Contributions to the Enterprise in 2019
- Innovative Enterprise in 2019
- Outstanding Dedication enterprise 2019





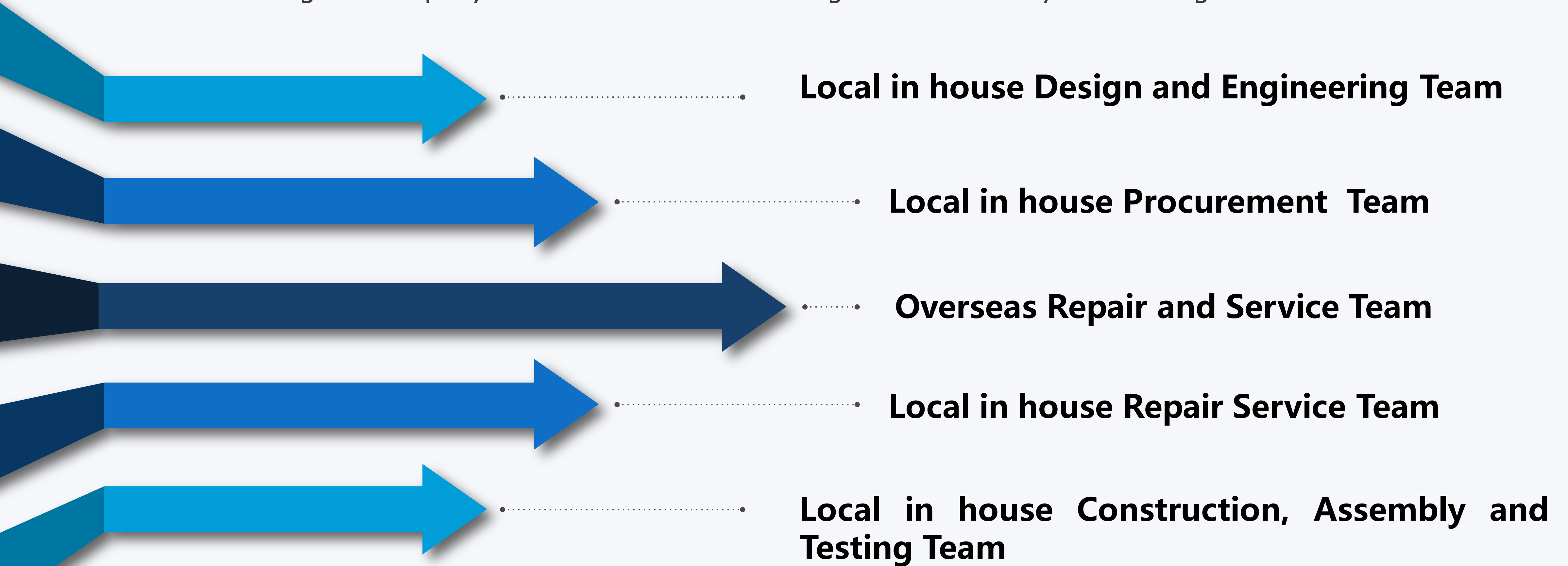
- 1 Competitive:** We can generate a proposal according to client' s budget.
- 2 Flexible:** We have the flexibility to execute urgent projects on case by case basis, and are able to swiftly kick start all necessary requirements prior to getting an official purchase order from client.
- 3 Meeting deadline:** We adapt to customer' s project schedule, to expedite work scope accordingly, to meet our clients actual delivery schedule. We keep customer updated at every stage of the service/work progress.
- 4 Multi competency:** We have a pool of locally multi discipline engineers & technicians on standby. They specialize in various scope of works to support all our clients projects.
- 5 Resourceful:** We have all necessary resources to support our customers, and remain available to take on any new and urgent project as per demand.
- 6 Available:** We have strategic overseas repair & service team available for deployment, and the ability to develop new team quickly, as needed.



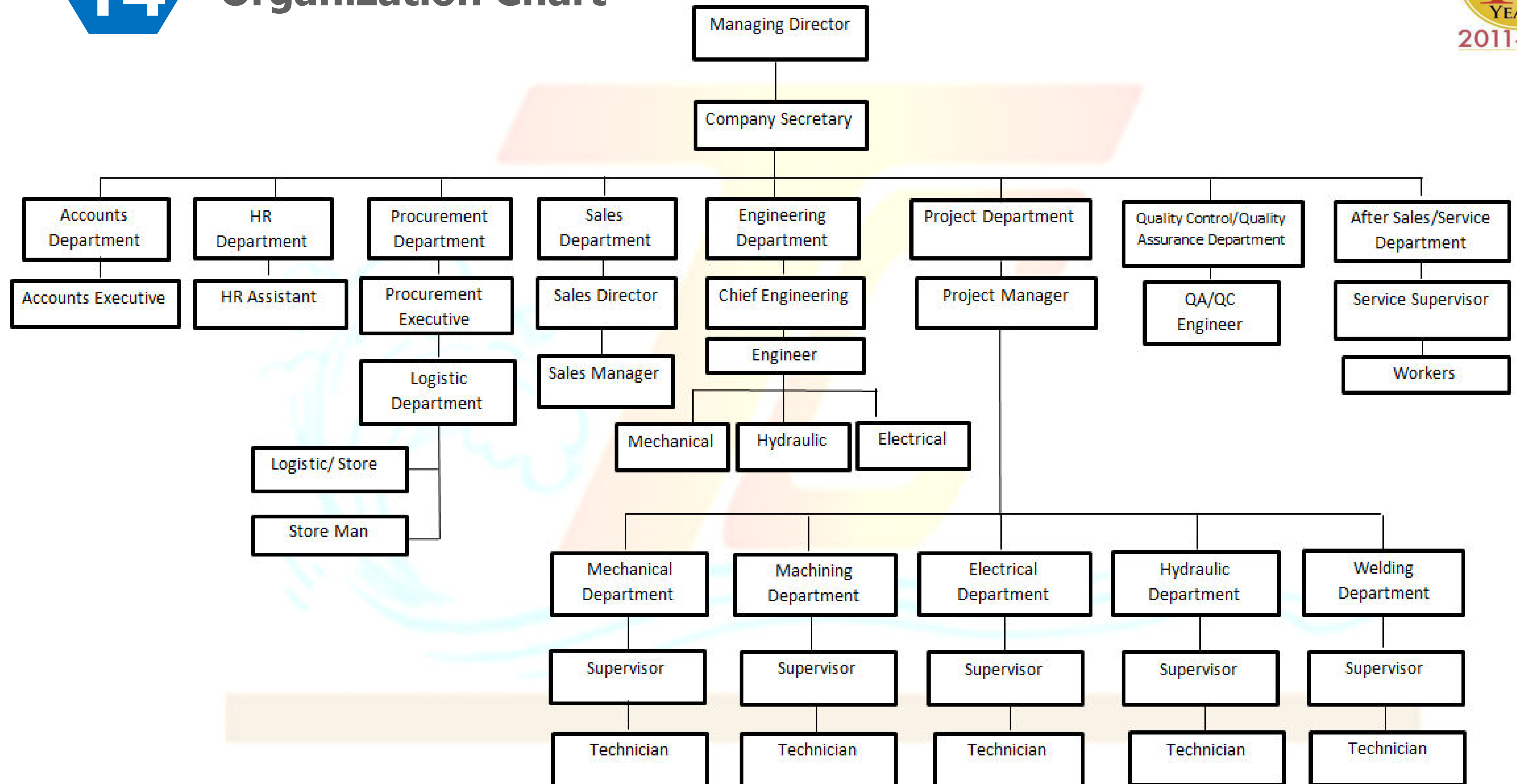
# Overall Advantages



Using our company' services offers the following overall summary of advantages :



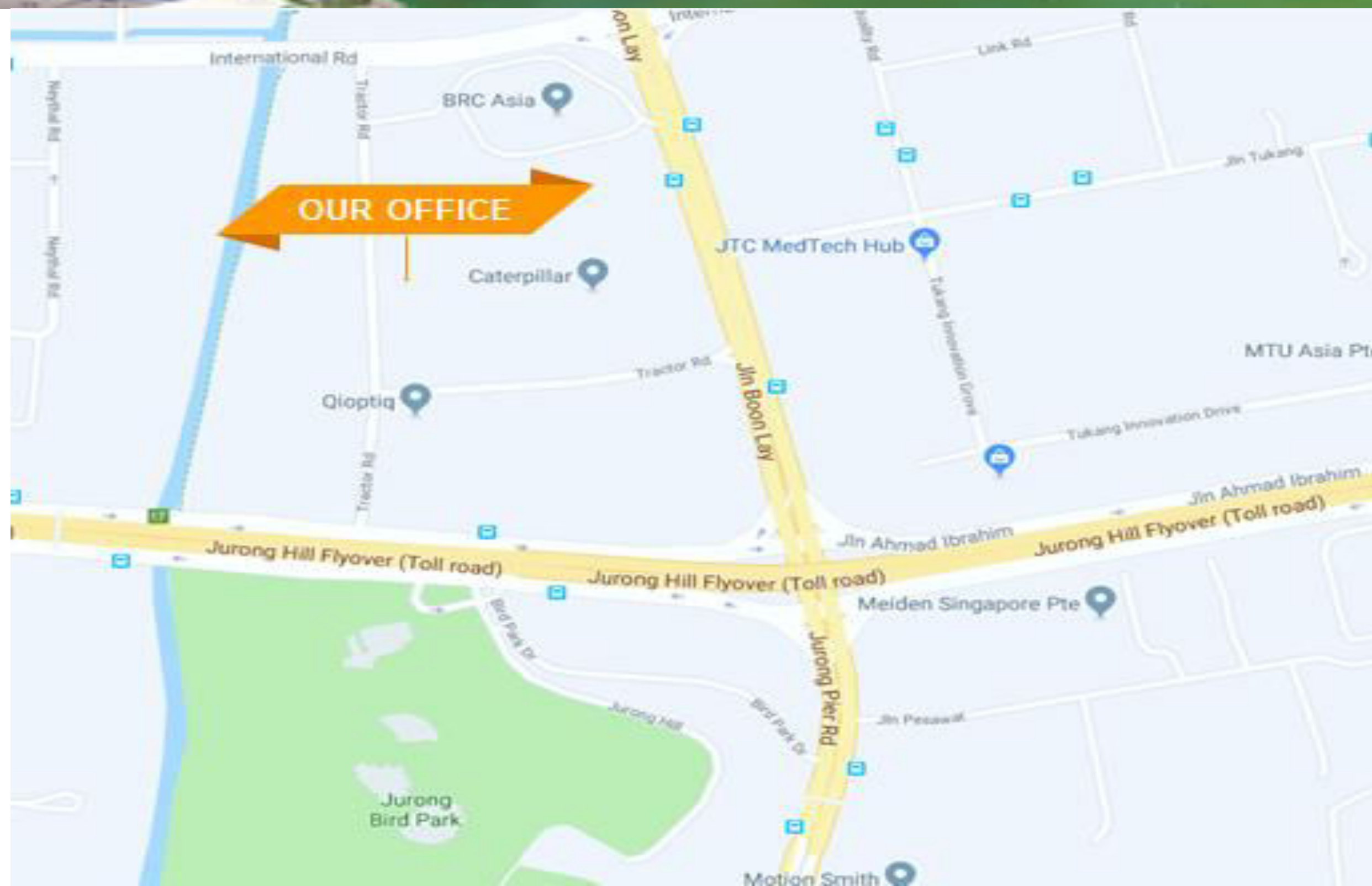






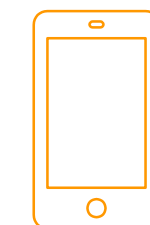
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## Contact Us



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