

**SCOPE OF WORK
FOR
PURCHASING HEAVY DUTY MANUAL CHAIN BLOCKS .**

1. Scope of work

Machinery & Electric Department initiated to purchase Heavy Duty Manual Chain Blocks for handling projects Propeller, Rudder and Bow Thruster work. We request the quotation to Procure 5 Ton to 30 Ton Manual Chain Blocks that meets ODC Machinery & Electric Department requirements.

2. Supplier Services

- a. Supplier to provide Heavy Duty Manual Chain Blocks only with rated 30 Ton – 4 Nos, 20Ton - 4 Nos, 10 Ton – 6Nos, 5 Ton – 8 Nos, 16 Ton – 6 Nos. As showing in below table

Capacity of chain blocks	Qty (Nos)	Specification of Chain blocks
30T Chain Block	2	Nitchi or Equivalent Manual Chain Hoist 30 Ton. 10 Meter effective lift
20T Chain Block	4	Nitchi Manual Chain Hoist 20 Ton * 8 Meter effective lift
10T Chain Block	6	Nitchi Manual Chain Hoist 10 Ton * 8 Meter effective lift.
5T Chain Block	8	Nitchi Manual Chain Hoist 5 Ton * 6Meter effective lift.
16T Chain Block	6	Nitchi Manual Chain Hoist 16 Ton * 10Meter effective lift.

- b. Supplier to provide all inspection and load test certificate for the equipment from 3rd party company.

3. Purpose

ADC intends to make investment to acquire new capabilities to support revenue growth and productivity. To support Propeller work, Rudder work, Bow Thruster work, Electrical Motor and Generator. This Heavy Duty Manual Chain Blocks will take place heavy lifting . Therefore, seeks to improvement of our facility and full support production departments on time to prevent any delay on the projects.

4. ODC Requirement:

Performance:

- Nitchi Manual Chain Hoist 30 Ton * 10 Meter effective lift
- Nitchi Manual Chain Hoist 20 Ton * 8 Meter effective lift
- Nitchi Manual Chain Hoist 10 Ton * 8 Meter effective lift.
- Nitchi Manual Chain Hoist 5 Ton * 6Meter effective lift.
- Nitchi Manual Chain Hoist 16 Ton * 10Meter effective lift.
- The equipment must to be certified by Third Party.

5. Mandatory requirements:

- Nitchi brand Heavy duty Manual chain block or equivalent.
- Must comply all the specification by maker or supplier.
- Minimum one year third party certificate from the date of purchase.
- Minimum one year warranty.
- Minimum delivery lead time.

6. Accessories

- Additional safety latches 5 sets each chain blocks.
- Additional Brake fibre discs 5 sets each chain blocks..

7. Manual:

- Operation and Maintenance Manual
- Test Certificates.

B	1	Heavy Duty Manual Chain Blocks 5 Tons to 30 Tons	
	2	Reliable Brand like Nitchi Japan or equivalent	
	3	The contractor should provide the warranty for the Air hoist with third party certify.	
	4	It can be operated in harsh marine environment with the ambient temperature of 0° to +50° C, related humidity up-to 100%.	