



INFORMATION SHEET FOR PROCUREMENT OF SEA VESSEL (DHOANI)

Reference No.: FNK-I/IUL/2024/104

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Issued by:
Fenaka Corporation Limited
Male', Republic of Maldives

PROCUREMENT OF SEA VESSEL (DHOANI) TECHNICAL SPECIFICATION

1) PRINCIPAL SPECIFICATION:

L. O. A.	:	28.10M
Breath Mld.	:	5.50M
Depth Mld.	:	3.00M
Design Draft	:	2.500M (subject to freeboard assignment)
F. O. TK.	:	150M ³ (approx.)
F. W. TK.	:	20 M ³ (approx.)
Crews	:	8 Men
Class	:	Non-class
Speed	:	10 Knots (approx.)

2) PROPULSION SYSTEM:

Main Engine	:	Buyer Provide
Gearbox	:	Buyer Provide
Companion Flange	:	Buyer Provide
Shaft	:	2 units SS304 propeller shaft
Propeller	:	2 units manganese bronze fixed pitch propeller

3) POWER SYSTEM:

Generator	:	Buyer Provide
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4) DECK MACHINERY & EQUIPMENT:

Anchor Windlass	:	One (1) unit hydraulic anchor windlass c/w gypsy and double gypsy drum and local control
Anchor	:	Two (2) 250kg stockless anchor
Anchor Chain	:	Six (6) shackles x 27.5M x Ø17.5mm anchor chain
Deck Crane	:	Buyer Provide
Towing Winch	:	Buyer Provide

5) ELECTRICAL:

- Electrical cables, main switchboard and panels will be of marine type.
- Running of electrical cable to be installed in proper trunkings.
- Electrical switchboard and wiring works to meet marine requirement.

6) STERNTUBE ASSEMBLY:

- Water lubricated sterntube c/w BTC rubber bearings and stuffing box.

7) PUMPS, PLUMBING AND PIPING:

- All pumps and pipes are to be arranged according to Good Marine Practice.
- Main piping material used shall be as follows:

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|----------------------------|---|-------------------------|
| (i) Bilge & Ballast piping | - | Galvanized steel sch 40 |
| (ii) Fuel Oil piping | - | API mild steel sch 40 |
| (iii) Lub oil Piping | - | API mild steel sch 40 |
| (iv) Cooling piping | - | Galvanized steel sch 40 |
| (v) Sea water piping | - | Galvanized steel sch 40 |
| (vi) Fresh water piping | - | Galvanized steel sch 40 |

8) WHEELHOUSE EQUIPMENT:

- Steering and control console fitted with instrument panel, floodlights, rudder angle indicator, main engine control level, switches for navigation lights, horn button and intercom etc.
- One (1) captain's chair
- Two (2) spare power point (230V)
- One (1) chart table c/w drawer and sliding door
- One (1) wall clock
- One (1) air conditioning

9) STEERING GEAR SYSTEM:

- 1.5ton electro-hydraulic steering gear of single station control station c/w joystick and steering wheel at FWD console.

10) NAVIGATION & COMMUNICATION EQUIPMENT:

- One (1) table type magnetic compass
- One (1) VHF
- One (1) SSB
- One (1) echo sounder
- One (1) GPS
- One (1) AIS
- One (1) EPIRB
- One (1) SART
- One (1) Radar
- Two (2) walkie talkie

11) SHIP COMMUNICATION:

- Three (3) unit of wall mounted type intercom (KOCOM or equal)
- One (1) electrical horn

12) NAVIGATION LIGHTS APPLIANCES:

- One (1) full set navigation light

13) FIRE FIGHTING & SAFETY APPLICANCES:

- Two (2) units 8-men inflatable liferafts c/w hydrostatic release
- Six (6) lifebuoys
- Twelve (12) rocket parachute flare
- Six (6) rocket parachute flare
- One (1) ship bell
- Three (3) fire hoses c/w fire boxes
- Three (3) fire buckets painted in RED and marked "FIRE"
- Four (4) self-ignition lights
- One (1) fire axe
- One (1) set 1.5" x 10M rubber lining fire hose c/w coupling & combine nozzle
- Two (2) set 1.5" x 15M rubber lining fire hose c/w coupling & nozzles
- Seven (7) powder type + One (1) foam type + One (1) CO2 type fire extinguisher
- One (1) scoop

- One (1) medical kit
- One (1) emergency fire pump
- One (1) set fireman's outfit
- One (1) embarkation ladder

14) ENGINE ROOM:

- One (1) 0.25m³/hr Oily Bilge Water Separator
- Two (2) blower fan
- One (1) Bilge / Ballast centrifugal pump (China)
- One (1) Fire / G.S. centrifugal pump (China)
- One (1) semi-rotary hand pump (China)
- One (1) main switch board
- One (1) anchor windlass power pack
- One (1) steering gear power pack

15) GALLEY:

- One (1) single stainless sink c/w one (1) F.W. tap
- One (1) exhaust fan

16) MESS ROOM:

- One (1) wooden table
- One (1) domestic type refrigerator

17) WASHPLACE & TOILET:

- One (1) sitting type W.C
- One (1) wash basin c/w F.W. tap
- One (1) shower point
- One (1) natural ventilation

18) ACCOMMODATION:

- Two (2) built-in 2-tier berths
- Two (2) spare power point (230V)

- Four (4) wardrobe
- One (1) air conditioning

19) CARPENTRY WORK:

- Fancy plywood to be used for panelling accessories at wheelhouse, mess room and accommodation.

20) FENDERS:

- Pipe fender & Ø 1000mm used tyres all round at appropriate places.

21) PAINTING, HULL FINISH AND CATHODIC PROTECTION:

- All external surface of bottom and side plating of the steel hull plate to be wired brushed before applying.
- Three (3) coats of Exterior of marine paint according to shipyard standard practice.
- Zinc anodes of twenty-four (24) numbers shall be fitted at HULL.

22) MATERIAL AND SCANTLING:

Keel plate	:	9.00mm
Bottom Plate	:	8.00mm
Side Plate	:	8.00mm
Main Deck plate	:	8.00mm
Bulkhead plate	:	6.00mm
Bulwark plate	:	8.00mm
Superstructure	:	6.00mm

- Scantlings will be based on Naval Architect's Design proposal.

23) MAST:

- Fixed type.

24) DELIVERY:

- Final inspection and trial will be at Builder's shipyard.
- Price must be FOB.
- Delivery price must be given separately.

25) EXCLUSION:

- License Registration and any other expenses or items not mentioned or listed thereof are not included, such additional costs shall be borne by FENAKA.

*Note: Compliance documentation certifying adherence to safety standards, maritime regulations, and environmental norms must be submitted along with the proposal.

26) Fenaka Corporation Ltd. shall confirm that the following legal documents and information have been provided in the Bid. If any of these documents or information is missing, Fenaka Corporation Ltd. reserves the right to reject the offer.

- Company Registration Certificate
- GST Registration Certificate
- TAX clearance report (6 months validity)
- SME Registration Certificate
- Company Profile
- Bid Security / Bid bond (As per Tender announcement on gazette)
- One (1) compact disc with original bid document scanned and written.
- The Bidder shall submit two (2) sets of the bid document (1 original and 1 copy), enclosed separately in two envelopes, and sealed with company stamp.
- All pages of the bid document shall be stamped and bound properly (excluding the bid security)
- The bid document shall be sealed properly in an envelope clearly marked 'ORIGINAL' or 'COPY', with the name of the company and the tender reference number (**FNK-I/IUL/2024/104**)
- Contact Details
- Drawings
- Boat specification:

- Experience letters.
- Letter within past five (5) years Letter with project name and value
- This company only acknowledges experience letters which proves the sea Vessel have been supplied to Maldives.

Note: Bids lacking the documents mentioned in Qualification criteria can *Compromise the Bid.*

- It is in Fenaka Corporation Limited's discretion to cancel the bid invitation.
- Local companies registered in Maldives are eligible to participate in the tender.
- Foreign companies are eligible to participate in the tender only if the total bid value is above 2,500,000 Maldivian Rufiyaa.
- Bidders that arrive after the bid submission deadline shall not be able to participate in the bid.
- Bidders that do not register for the tender are unable to participate in the bid opening.
- The bid document must meet minimum criteria and include all required documents; otherwise, it will be rejected. Bidders should submit supporting documents with their proposals, using reference numbers provided.
- Vendors must quote prices for all items as specified; partial offers will be rejected. Failure to provide specified services or products will lead to bid rejection by Fenaka Corporation Ltd.
- Bidders must clearly state the total cost during bid opening, failure results in disqualification. Vendors can submit a maximum of two bids, clearly stating the total price for each option, or face disqualification.
- In bid evaluation, if there's a discrepancy between unit and total price, unit price prevails; vendor dispute may lead to bid rejection.

27) Evaluation Criteria

PRICE 60%

Experience 30% (This company only acknowledges experience letters which proves the sea Vessel have been supplied to Maldives.)

Payment terms 10%