



KHULNA SHIPYARD LIMITED

BANGLADESH NAVY

Labonchara, Khulna-9201, Bangladesh

Phone: 02-44110987, 02-477720003, Fax: 02-477720404

E-mail: plans@khulnashipyard.com, Web: www.khulnashipyard.com

Project-632/ 980

Date: 31 December 2023.

REQUEST FOR PROPOSAL (RFP)/ REQUEST FOR QUOTATION (RFQ) - PROCUREMENT OF RO PLANT AND ITS SPARE PARTS

1. **Item Description.** Khulna Shipyard Limited (KSY) intends to procure RO plant & its spare parts *and Qty.* 03 sets from reputed suppliers/manufacturer/ companies.
2. **Scope of Supply.** The scope of supply/technical specification is attached with the RFP/ RFQ as an Annex-A (RO plant and its spare parts).
3. **Schedule Collection and Offer Submission.** Interested supplier/ manufacturer/ companies are hereby requested to contact the following for the collection of the RFP/ RFQ Schedule and submission of the offer:

General Manager
Design & Planning Department
Khulna Shipyard Ltd. Bangladesh Navy
Khulna-9201
Cell: +8801769-784605 (WhatsApp)
Email: plans@khulnashipyard.com

4. **Bidder's Qualification Documents to be Submitted.**

- a. Valid Trade License.
- b. Business Registration Certificate/ Article of incorporation/ association.
- c. TIN/ equivalent Certificate.
- d. Bank Solvency Certificate.
- e. BIN/ equivalent Certificate.

5. **General Condition.**

- a. Article wise compliance statement fulfilling the requirement of the RFP/ RFQ is to be submitted for evaluation of the quotations. Stating mere 'Yes or No' will not suffice and detailed description/ information, brochures (as required) is to be given. An incomplete compliance statement in any part may attribute to cancellation of the offer. If any clause of this specification does not commensurate with the requirement, the deviation must be spelt out clearly.
- b. Financial offer should be quoted in USD/ EURO/ GBP/ BDT
- c. FOB price is to be clearly mentioned in the offer.
- d. CFR/ CPT price is to be clearly mentioned in the offer.

6. **Evaluation.** Among the technically responsive bidder/ bidders, KSY will consider the technically responsive lowest bidder for evaluation. During evaluation phase, KSY will establish direct contact with the top management of manufacturers. In this respect Bidders should provide necessary **links/ contact details** to ensure the genuinity of the manufacturer.

7. **Manufacturer Details.** The intended Manufacturer should be International Association of Classification Societies (IACS) approved and related certificates are to be submitted along with mill name, full address, telephone number, WhatsApp number, e-mail address.



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8. **Authorization Letter.** The concerned supplier must provide following original certificate (s)/ document (s) as applicable with the offer and during delivery of items as regard to the genuinity of source and items (s) in order to establish chain of links from the original source to supply:
- One certificate / document - by the original equipment manufacturer (OEM) in favour of the supplier (in case of OEM as principal).
 - Two certificates/ documents - one by the OEM to the authorized agent/ dealer and other by the authorized agent/ dealer to the supplier (in case of authorized agent/ dealer as principal)
 - Three certificates/ documents - first one by the OEM to the authorized agent/ dealer, second one by the authorized agent/ dealer to the sub-agent and third one by the sub-agent to supplier/ local representative (in case of sub agent as principal). If the supplier is unable to obtain the first certificate (by OEM to the authorized agent/ dealer), then it has to produce relevant document to prove agency-ship of its claimed agent of the recognized manufacturer.
9. **Pre-shipment Inspection (PSI).** Pre-shipment inspection (PSI) will not be required for this item. But the supplier/ seller should intimate buyer at least 10 days prior to the readiness of the shipment. Based on taking clearance from KSY, supplier/ seller will ship the goods.
10. **Performance Guarantee (PG).** 5-10% Performance Guarantee (PG) of the total contract price (TCP) will have to be submitted within 15 days after issuance of NoA. After that contract will be signed with mutual understanding. Validity of the PG should be upto delivery of the goods and final acceptance by the buyer. Failure to furnish PG will be considered as non-responsive.
11. **Warranty.** Supplier shall undertake the full responsibility to rectify any defect of supplied machinery/ equipment free of charges under warranty period. To rectify/ replace any such defective item, provided that the defects are appeared / discovered during the period of 12 months after acceptance and delivery of each vessel by BN. Warranty repair/ replacement shall be accomplished within 3 months of notification of the relevant defect. Otherwise warranty will be extended by non-operational period of the equipment.
12. **Guarantee for Warranty.** Supplier shall furnish to KSY a guarantee for warranty for an amount equivalent to 5% (five percent) of the total contract price from any scheduled bank situated in Bangladesh. The buyer shall have the right to forfeit the performance guarantee for failure of the supplier in fulfilling the terms and conditions of this contract partially or wholly, besides taking any other action against the supplier that may be warranted. It will be released after completion of warranty period
13. **Joint Inspection at KSY.** If any defective or 2nd hand item is found during the joint mustering of KSY & supplier at KSY premises the defective or 2nd hand item will not be acceptable. Supplier shall undertake the full responsibility to supply and replace the pitted or 2nd hand item by new one.
14. **Payment Terms.** 100% Payment will be made through irrevocable Letter of Credit (LC) opened with scheduled bank in Bangladesh and negotiating bank recommended by the seller under following terms and conditions:



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a. 80% of the CFR value of the contract will be paid on production of the following documents to the Bank:

- (1) Invoice.
- (2) Packing Note.
- (3) Manufacturer's/ Supplier's Inspection report/ Certificate.
- (4) Shipping Documents including Non Negotiable Bill of Lading or Airway bill marked freight "prepaid".
- (5) Warranty Certificate.
- (6) Pre-shipment Inspection Report signed by both seller and buyer.

b. Rest 20% of CFR value will be released on presentation of acceptance certificate signed by both the seller and buyer on completion of installation, Joint inspection and clearance from KSY to the bank.

15. **Advance Payment.** If the principal/ OEM is required to get an advance against LC, principal has to provide an Advance Bank Guarantee of the same amount in same currency as per Bangladesh Bank Policy. For any reason if the principal is incapable/ reluctant to provide Advance BG local representative/ Supplier will furnish the BG to KSY.

16. **Shipment Time.** Shipment will be done within 90 days after opening LC. Early shipment will get priority.

17. **Port of Shipment.** To be mentioned.

18. **Validity.** Offer validity will be 30 days from the submission date of offer.

19. **Deadline of Offer Submission.** Interested bidders should submit their technical and financial offer by or before **09 January 2024.**

20. **Consignee Address.**

The Managing Director
Khulna Shipyard Ltd.
Bangladesh Navy, Khulna, Bangladesh.
Phone: 02-44110987, 02-477720003
E-mail: plans@khulnashipyard.com
Web: www.khulnashipyard.com

21. **KSY reserves the right to accept/ reject all or any part of the bidder's offer against this RFP/ RFQ without showing any reason.**

MD JULHASH UDDIN AHMED
General Manager (Design & Planning)
Captain BN
For Managing Director

Enclosure:


1. Annex-A (Technical Specification) (RO plant & its spare parts). – 02 (Two) Pages.

TECHNICAL SPECIFICATION OF RO PLANT AND ITS SPARE - 3 X LCT PROJECT

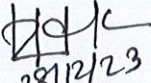
1. Name of Equipment : RO plant and its spare parts
2. Purpose : To generate fresh water from sea water.
3. Quantity : 3 (Three) complete sets
4. Country of Origin : Western Origin
5. Manufacturing Country : Western Origin
6. Manufacturer : To be mentioned
7. Type : Marine Type
8. Year of manufacturer : 2023 or later. The item should be brand new and original
9. Ambient condition
 - a. Temperature : 05⁰ to 45⁰ C
 - b. Relative humidity : up to 98%
 - c. Location : on board ship
10. The each RO plant should have the minimum following technical requirements but not limited to:
 - a. Water treatment unit complete assembly
 - b. Sea water feed pump
 - c. Pretreatment glass bed filter with completely automatic backwashing
 - d. Cleaning tank including heater, connections and hand stirrer
 - e. Post treatment mineral filter
 - f. Electrical cabinet for staring the RO pant
 - g. Size (length, breadth and height) - to be mentioned.
 - h.. Model : To be mentioned
 - i. Maker : To be mentioned
 - j. Capacity : 20 Ton / day.
 - k. Power supply : 400 V, 50 Hz, 3 Phase
 - l. Insulation class : F
11. Spare parts : Following spare parts for 3 ships are to be supplied and item wise price is to be mentioned:
 - a. Pre-filters 20" 5 micron- 3x180 = 540 pieces
 - b. Active Carbon Cartridge 10" 5 micron- 3 x10 = 30 pieces
 - c. Preservation chemicals- 3 x 10 L
 - d. Cleaning Chemicals, alkaline-3 x20L
 - e. Cleaning chemicals, acid- 3 x 20 L
 - f. O-ring for BB 20" pre filter- 3 x 20 pieces
 - g. O-ring for carbon cartridge filter- 3 x 10 pieces
 - h. Permeate port 4" with O seals- 3 x15 pieces
 - i. Pressure switch 0.35-2 bar – 3 x5 pieces
 - j. Conductivity Cell- 3 x 5 pieces
 - k. UV lamp- 3 x5 pieces
 - l. UV sensor- 3 x5 pieces
 - m. UV quartz glass- 3 x 5 pieces
 - n. Quartz Jacket- 3 x 5 pieces
 - o. UV cleaning compound- 3 x 5 pieces
12. Standard necessary accessories : The supplier will provide manufacture recommended all necessary and standard


equipment/accessories for the proper and smooth operation of each unit. Any items not specified in this technical specification but essential to operate the supplied machinery/ equipment is also under the scope of supply of the Supplier.

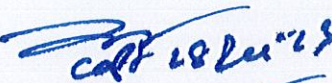
13. Documents :
 - a. Supplier will provide 01 (one) copy of operation and maintenance catalogue, information (data) etc of above mentioned system in English with the offer.
 - b. Supplier will provide 9 (nine) sets of operation and maintenance catalogue, information (data) etc of above mentioned system in English during delivery of item.
14. Certificate :
 - a. LR approved factory/ Workshop/ Mill certificate is to be provided with the offer.
 - b. Manufacturer standard test certificate of the product is to be provided with the items.
15. Test-Trial and Commissioning : The supplier will carry out successful test-trial on board ship at Khulna Shipyard Limited for first set. Subsequent sets of RO plants will be tested by KSY under guidance of supplier. Supplier will provide required guideline through online/e-mail/ video call etc in this regard.
16. Installation Supervision : KSY will install all RO plants taking online support by supplier.
17. Training : The supplier will provide 2 days training on board ship at Khulna Shipyard Limited for first set only. Subsequent sets of RO plants will be given training by KSY under guidance of supplier. Supplier will provide required guideline through online/e-mail/ video call etc in this regard.


27 Dec 23
Project Officer
(LCT)
Member


28.12.2023
OIC
(R&D)
Member


28/12/23
OIC
(Military
Product)
Member


Deputy General
Manager (D&P)
Member


28 Dec 23
General Manager
(D & P)
President