



# Dockyard & Engineering Works Ltd.

## Bangladesh Navy

Sonakanda, Bandar, Narayanganj-1413, Bangladesh

PABX: 88-02-223303512, Fax: 88-02-223303501

Email: plans@dewbn.gov.bd, Web: www.dewbn.gov.bd

Ref: 06.02.6758.165.44.407.23. 1756

Date: 23 August 2023

### EXPRESSION OF INTEREST (EOI)

1. Dockyard & Engineering Works Ltd, Bangladesh Navy, Sonakanda, Bandar, Narayanganj 1413 intends to procure design, drawing and material package for the construction of **02 (Two) in Number of 20" Cutter Suction Dredger** from a reputed design firm/ shipbuilder for construction. Short description of the work is as follows:

a. **Project Description.** Construction and delivery of 2 Nos. 20" Cutter Suction Dredger.

b. **Quantity.** 02 (Two) in number.

c. **Classification Standard.** Lloyds/ ABS/ NKK/ DNV-GL.

d. **Basic Technical Specification of Dredger:**

|     |                                    |  |
|-----|------------------------------------|--|
| (a) | Length over pontoon (about)        | : 32.00 m  |
| (b) | Breadth (about)                    | : 8.00 m   |
| (c) | Depth (about)                      | : 2.40 m   |
| (d) | Draught loaded (max.)              | : 1.45 m   |
| (e) | Inner diameter of suction pipe     | : 550-500 mm   |
| (f) | Inner diameter of discharge pipe   | : 500 mm   |
| (g) | Discharge distance                 | : 2000 m   |
| (h) | Dredging depth up to               | : 14.00 m (At ladder angle 45°)  |
| (i) | Production capacity (Solid Output) | : Output of dredge pump of 500 m <sup>3</sup> /hour (minimum) at a discharge distance of 2000m at 14.0m dredging depth calculated at a volumetric concentration of 20%- 30% and decisive solid grain size of 235µm. The performance curve/production curve shall be submitted in the tender to support the output. |

2. **Bidder Qualification:**

a. Local bidder shall have minimum 5 (five) years of experience in supply of similar goods. Foreign reputed dredger manufacturer shall have 10 (Ten) years of experience in manufacturing either of class dredgers or of 20" CSD or larger sized CSD. Necessary document in this regards have to be submitted with offer.

b. Valid Trade License.

c. Updated TIN/ equivalent certificate and Tax Payment Certificate.

d. Bank Solvency Certificate.



# Dockyard & Engineering Works Ltd.

## Bangladesh Navy

Sonakanda, Bandar, Narayanganj-1413, Bangladesh

PABX: 88-02-223303512, Fax: 88-02-223303501

Email: [plans@dewbn.gov.bd](mailto:plans@dewbn.gov.bd), Web: [www.dewbn.gov.bd](http://www.dewbn.gov.bd)

3. Interested design house /firm/ material package supplier is hereby requested to contact / email following person of Planning & Design (P&D) department of this yard:

Md. Tyebul Islam  
Executive Engineer  
Planning & Design Department  
Dockyard & Engineering Works Ltd.  
Bangladesh Navy  
Sonakanda, Bandar, Narayanganj-1413.  
Cell: +880 1769 719 818  
Email: [dewltd.tender@gmail.com](mailto:dewltd.tender@gmail.com)

4. Bidder can participate by offering complete design and material package.

5. Interested design house/ firm/material package supplier shall have to submit the entire offer along with documents by **30<sup>th</sup> August 2023** as per detailed instruction on EOI (to be collected from above contact person/ P&D department).

6. Offer validity period shall be 180 (One hundred & Eighty) days.

7. DEW reserves the right to reject all or any part of the EOI prior to acceptance without showing any reason.

K MAHBUBUL HAQUE  
Commander BN  
For Managing Director