

TENDER SPECIFICATION OF EMERGENCY ESCAPE BREATHING DEVICE (EEBD)

1. **Name of the Equipment.** Emergency Escape Breathing Device (EEBD).
2. **Purpose.** The Emergency Escape Breathing Device (EEBD) is a life-saving device used for escaping areas with hazardous conditions such as fire, smoke, poisonous gases, etc. It is a self-contained compressed air apparatus designed to facilitate rapid evacuation from contaminated environments.
3. **Quantity.** 300 (Three Hundred) Sets.
4. **Brand.** To be mentioned.
5. **Model.** To be mentioned.
6. **Classification Standard.** To be mentioned.
7. **Year of manufacture .** 2025 or later.
8. **Country of Origin.** USA/Japan/EU Countries.
9. **Manufacturing Country.** USA/Japan/EU Countries.
10. **Name and Address of local Supplier.** Name & full address with email is to be mentioned.
11. **Name and Address of Manufacturer.** Name & full address with email is to be mentioned
12. **Name & Address of Principal Supplier.** Name & full address with email are to be mentioned.
13. **Bidder's Qualification.** The bidder must possess adequate technical knowledge and the capability to meet all specified criteria. The supplier must be either:
 - The manufacturer, or
 - An authorized dealer/agent (verified through manufacturer's certificate and online sources), or
 - A sub-agent (with clear chain of authorization from manufacturer to supplier).
14. **Certificate and Document of Authentication.** The concerned supplier must provide following original certificate(s)/ document(s) as applicable with the quotation and during delivery of items as regard to the genuinely of source and item(s) in order to establish chain of links from the original source to supply items:
 - a. One certificate by the Original Equipment Manufacturer (OEM) in favor of the local supplier (in case of OEM as principal).
 - b. Two certificates, one by the OEM to authorized dealer/agent and other by the authorized dealer/agent to supplier (in case of authorized dealer/agent as principal).
 - c. Three certificates, first one by OEM to authorized dealer/agent, second one by authorized dealer/agent to sub-agent and third one by sub-agent to supplier (in case of sub-agent as principal). If the supplier is unable to obtain the first certificate (by OEM to authorized dealer/agent), then it has to produce relevant document to prove agency-ship of its claimed agent of the recognized manufacturer.



5. **Standard .**

- a. The item should be in service with other Navies. Relevant certificate must be submitted with the offer.
- b. The item must comply with **Marine Equipment Directive (MED)** or **equivalent US Standard**, as well as **NIOSH/OSHA Hazard Communication Standard**. Relevant certificates must be included.
- c. Necessary **Class Certificate** must be provided.

6. **Technical specification of EEBD.**

a.	Performance Duration	10 Minutes minimum
b.	Donning Time	Less than 10 Seconds
c.	Service Life	Minimum 10 Years
d.	Weight as Donned	To be Mentioned
e.	Product Dimension	Should be accommodated in existing storage case. Storage case dimension 21cmx23cmx10cm (Belt wearable)
f.	Storage Temperature	10–149° F (-12.2–65° C)
g.	Inspection	Visual
h.	Inspection Frequency	Annually for stored units; daily for deployed units.
j.	Oxygen Cylinder	Stainless steel 100% medical grade.
k.	Oxygen Regulator	Starts the flow of oxygen and increases the oxygen flow during high work rates.
l.	Activation Cable	The stainless steel activation cable is to be attached to the oxygen regulator and permanently attached to the inside of the base.
m.	Scrubber	A chamber containing lithium hydroxide that removes carbon dioxide from the exhaled air from the user.
n.	Relief Valve	A one way valve that automatically allows access air in the breathing bag to vent.
p.	Gauge	Indicates the amount of oxygen in the cylinder. The green zone indicates the EEBD is ready for use. The red indicate the cylinder is low on oxygen and should be removed from service. The gauge should be visible through the clear case and the orange secondary container.

17. **Accessories.** All standard accessories, including carrying case, must be provided.

18. **Brochure and Catalogue.** A **User Manual** and **Donning Procedure** must be supplied with each set at the time of delivery.

19. **Factory Acceptance Test (FAT)/Pre-Shipment Inspection (PSI).**

- a. Factory Acceptance Test (FAT)/Pre-Shipment Inspection (PSI) will be carried out by a team of 02 (two) BN officers for a duration of 03 (three) working days excluding journey period, at the buyer's expense (including return air ticket, food and accommodation). The supplier should inform the buyer about the date of FAT/PSI (schedule) at least 08 (eight) weeks prior to the date of commencement of the FAT/PSI. The FAT/PSI criteria for the items will be forwarded by the supplier along with the FAT/PSI schedule.

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- b. All types of movement/transportation within the manufacturer/supplier's country, reception and arrangement for entry into the country/concerned area for the FAT/PSI team are to be arranged by the supplier.
- c. On return from the country of supplier, the FAT/PSI team will submit report to concerned directorate of NHQ. NHQ concerned directorate will, in turn, forward final decision within 3 weeks, basing on which DGDP will render clearance for shipment of stores to the supplier concerned. The supplier will not make shipment of any item of the contract without clearance from the DGDP.
20. **Packing.** Each item must be individually packed in an airtight bag.
21. **Warranty.** A warranty for at least 12 months from the date of acceptance by BN must be provided. For any warranty claims, the supplier must collect the defective item from NSD Chattogram/Khulna and return it post-repair or replacement.
22. **Acceptance.** Acceptance will be conducted by CINS at Chattogram in the presence of the supplier's representative. A certificate will be issued upon satisfactory performance in the test/trial.
23. **Port of Shipment.** Any port in the manufacturing country. If shipment is made through an authorized dealer's port, a certificate from the manufacturer must be provided to ensure authenticity.
24. **Shipment, Delivery and Inspection.**
- a. **Shipment.** The items are to be delivered within 09 (nine) months from the date of signing the contract to the following consignee:
- The Commanding Officer
Naval Stores Depot, New Mooring
Chattogram, Bangladesh
- b. **Place of Delivery.** NSD Chattogram.
- c. **Inspection Authority.** CINS, Chattogram.
25. **Validity of Offer.** The offer must be valid up to 30 June 2026.
26. **Liquidate Damage (LD).** As per DGDP Rules.
27. **Terms of Payment.** Necessary L/C will be opened in favour of the principal supplier but payment will be made as per following terms:
- a. 80% of the total CFR value will be paid on delivery of the items described under the scope of supply on production of necessary shipping documents.
- b. Remaining 20% L/C amount will be paid on producing 'Acceptance Certificate' following successful test and trial jointly carried out by the representative of purchaser and supplier's representative.
28. **Price Without Import Duties.** Quoted price is to exclude all import duties as those will be consigned against BN.
29. **Certificate.** Following certificates are to be provided as original from the manufacturer in regard to the supplied EEED as new, unused and genuine at the time of delivery:
- a. Certificate of Authenticity and Genuineness
b. Quality Assurance Certificate
c. Warranty Certificate
d. Classification Standard Certificate

30. All terms and conditions of DGDG also remain valid. If any of the above terms and conditions contradicts with the terms and conditions laid down in the DGDG rules and regulations, the later shall supersede the same.



Fig: Picture of EEBD