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**TENDER SPECIFICATION OF EMERGENCY ESCAPE BREATHING DEVICE (EEBD)**

1. **Name of the Equipment.** Emergency Escape Breathing Device (EEBD).
2. **Purpose.** An Emergency Escape Breathing Device (EEBD) is life saving which is used for escaping an area with hazardous conditions such as fire, smoke, poisonous gases etc. It is used for quick escape from a situation where in the individual has to swiftly vacate his immediate surroundings, i.e., it is a self-contained compressed air apparatus for escape from a contaminated environment.
3. **Quantity.** 300 (Three hundred) in number.
4. **Brand.** To be mentioned.
5. **Model.** To be mentioned.
6. **Classification Standard.** Automatic on demand regulated.
7. **Carrying Case.** Standard carrying case made by OEM to be supplied.
8. **Year of manufacture.** 2023 or later.
9. **Country of Origin.** Germany, France, Italy, Spain, Austria, Denmark, Belgium, Netherlands, Sweden, Finland, UK, USA, Japan, Australia, Canada.
10. **Manufacturing Country.** Germany, France, Italy, Spain, Austria, Denmark, Belgium, Netherlands, Sweden, Finland, UK, USA, Japan, Australia, Canada.
11. **Name and Address of Local Supplier.** To be mentioned.
12. **Name and Address of Manufacturer.** To be mentioned.
13. **Name & Address of Principal Supplier.** To be mentioned.
14. **Bidder's Qualification.** The bidder is expected to have adequate knowledge in understanding all the technical criteria and ability to fulfill those in clear terms given in the indent. The supplier has to ensure that the source is either to be manufacturer or dealer/agent of the respective manufacturer (having clear existence in the manufacturer's authorization and website/fax & e-mail address) or sub-agent of the respective agent (having authorization from authorized dealer).
15. **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).



RESTRICTED

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.

16. **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 accommodate in existing storage case. Storage case dimension 21cmx23cmx10cm (Belt wearable)
f.	Standard	Item should be used by other Navies. Certificate in this regard to be submitted with quotation. In addition it should fulfill Marine Equipment Directive (MED)/ ASME/ ASTM/ NIOSH/ ISO/ SOLAS Standard . Certificate in this regard to be submitted with offer.
g.	Storage Temperature	Min 10° F (-12.2°C) and to be mentioned.
h.	Inspection	Visual
j.	Inspection Frequency	Annually for stored units; daily for deployed units
k.	Oxygen Cylinder	The stainless steel cylinder holds 100% medical grade.
l.	Oxygen Regulator	Starts the flow of oxygen and increases the oxygen flow during high work rates.
m.	Activation Cable	The stainless steel activation cable is attached to the oxygen regulator and permanently attached to the inside of the base.
n.	Scrubber	A chamber containing lithium hydroxide that removes carbon dioxide from the exhaled air from the user.
p.	Relief Valve	A one way valve that automatically allows access air in the breathing bag to vent.
q.	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 remove from service. The gauge is visible through the clear case and the orange secondary container.





RESTRICTED

17. **Packing.** All individual items are to be packed separately in an air tight bag.
18. **Warranty.** Warranty of trouble free operation is to be given for the supplied items for a period of at least 12 months from the date of acceptance by BN. For warranty repair/replacement, the supplier will collect the defective item from NSD Chattogram/ Khulna and re-supply the same to the collecting place after warranty repair or replacement.
19. **Inspection and Acceptance.** The acceptance of the supplied items will be carried out by the CINS at Chattogram, where the supplier's representative will be present. After the satisfactory test/trial, the acceptance certificate will be given by the CINS.
20. **Port of Shipment.** Any port of the manufacturing country. In case of shipment through any port of manufacturer authorized dealer, relevant manufacturer certificate is to be provided as a proof of genuineness of the offered item.
21. **Shipment, Delivery and Inspection.**
- a. **Shipment.** The items are to be delivered within 04 (four) 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.
22. **Validity of Offer.** The offer must be valid up to 30 June 2024.
23. **Liquidate Damage (LD).** As per FO 01/2013.
24. **Brochure and catalogue.** User Manual' and 'Donning Procedure' for each set to be supplied during delivery of EEBD.
25. **Terms of Payment.** 100% Payment will be made in local currency after final acceptance by BN.
26. **Price Without Import Duties.** Quoted price is to exclude all import duties as those will be consigned against BN.
27. **Certificate.** Following certificates are to be provided as original from the manufacturer in regard to the supplied EEBD as new, unused and genuine at the time of delivery free of cost:
- a. Authenticity and Genuineness Certificate.
- b. Quality Assurance Certificate.
- c. Warranty Certificate.

RESTRICTED

d. Classification Standard Certificate.

28. **Compliance Statement.** A compliance statement fulfilling all the requirement of the tender is to be submitted for evaluation of the quotations. Stating mere 'Yes or No' will not suffice and detailed evidences with description/ information, brochures/ booklet, drawing and diagram as required is to be given. An incomplete compliance statement may attribute to cancellation of the offer. If any clause of this specification does not commensurate with offered System, the deviation has to be spelt out clearly.

  
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