TENDER SPECIFICATION OF SEMI CLOSED CIRCUIT DIVING SET

Ser	BN Specification				Supplier's response/ offer
1.	**Name of Item.** Semi Closed Circuit Diving Set				
2.	**Purpose.** a. Carry out MCM operations and impart trainging b. Carry out underwater explosive disposal operation c. Conduct mix gas diving training				
3.	**Model /Brand.** To be mentioned				
4.	**Type.** To be mentioned				
5.	**Standard.** To be mentioned				
6.	**Quantity.** 20 (Twenty) set				
7.	**Country of Origin.** UK, Australia, Canada, New Zealand, Japan, EU Countries				
8.	**Manufacturing Countries.** To be mentioned				
9.	**Name and full address of Manufacturer.** To be mentioned				
10.	**Name and full address of Principal (if any).** To be mentioned				
11.	**Suppliers/Local agent.** To be mentioned				
12.	**Year of Manufacture.** 2026 or later				
13.	**Technical Specification**	Diving set are to be supplied with the following basic components:			
		a.	Principal of Operation	The apparatus should be back worn semi closed circuit underwater breathing apparatus (UBA). The Demand valve should have automatic control mechanism to control the volume of gas in the counter lung. Details operating principal should be mentioned.	
		b.	Working depth/ Endurance	To be mentioned as per NATO mixture B, C & D	
		c.	Soda lime	2 – 3.5 kg	
		d.	Breathing gas	Should be compatible for use the NATO mixture B, C & D	
		e.	Dimension	Length – 500 - 530mm Width – 365 - 370 mm Depth – 150- 250 mm	
		f.	Weight	In air - 15-20 kg In water (ready to dive) - Neutral	
		g.	Magnetic Signature	Non magnetic, conforming to STANAG 2897, Class A	
		h.	Acoustic signature	Low acoustic.	
		j.	Operating Temperature	-20°C to +40°C	
		k.	Sea Temperature	-2°C to +35°C	
		l.	Storage Temperature	-30°C to +70°C	
		m	No of cylinder	The number of cylinder for mixed gas diving should be mentioned	

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		n.	Working pressure of each cylinder	200-300 Bar	
		p.	Volume of each Cylinder	2 - 5 ltrs	
		q.	Cylinder Material	The cylinder should be made of non magnetic material. However, supplier should mention the material of the cylinder.	
		r.	Clour of equipment	Black	
		s.	No of bailout bottle	To be mentioned	
		t.	Bailout bottle configuration and characteristics	Detailed configuration and characteristics of bailout bottle should be described	
		u.	Charging facility	Charging whips, pressure gauge and other associated gears to be supplied as accompanying items for smooth charging of breathing gas cylinder using booster pump	
14.	**Acessories.**				
	a. Standard accessories must be include every item and accessories which are essential to installation and operarion of the set. A list of such essential accessories should be include in the quotation b. Standard spares list along with price to be quoted separately. Number and quality of spares will be decided on getting the price c. 01 set of operating and maintenance manual in English should be provided during submission of offer d. 02 in no repair tool kits necessary for maintenance of the diving apparatus are to be provided during supply of the items. The detail of the tool kit is to be mentioned with price during submission of the offer				
15.	**Supplying condition.** Semi closed circuit diving set to be supplied in full assembled condition with all accessories as per mentioned specification in a sealed international standard packing box. No set is to be accepted in separate condition. Manufacturer test certificate is to be submitted with individual set in the packing box with all operation and maintenance manual.				
16.	**Documents.**				
	a. Following documents are to be submitted with the offer:				
	(1) Original Catalogue/ Manual of offered diving sets with technical specification as mentioned in this document.				
	(2) List of Standard accessories with items wise price.				
	(3) List of 05 (Five) years spares with items wise price.				
	b. 01 (One) Set of following documents (in English) are to be provided with each set:				
	(1) Operation and Maintenance Manual.				
	(2) Spare parts Catalogue.				
	Certification. The following Certificates are to be provided (with the offer/ while supplied):				
	a. The Diving set are to be certified for Naval diver's use by the Manufacturer (with the offer).				
	b. The manufacture will provide factory test certificate of each diving set				

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		(While items are supplied).	
	c.	All items will be brand new and also to be supplied from the current production.	
18.	**Authentication Certificate.** The local supplier must provide following original certificates/documents with the offer/quotation to ascertain the genuinity of source and items in order to establish chain of links from the original source to supply items:		
	a.	One certificate/document by the manufacturer in favour of the supplier (in case of manufacturer as direct source).	
	b.	Two certificate/documents, one by the manufacturer to authorized agent and other by the authorized agent to supplier (in case of authorized agent as immediate source).	
	c.	Three certificate/documents, first one by manufacturer to authorized agent, second one by authorized agent to sub-agent and third one by sub-agent to supplier (in case of sub-agent as immediate source). If the supplier is unable to obtain the first certificate (by manufacturer to authorized agent), then it has to produce relevant document to prove agency-ship of its claimed agent of the recognized manufacturer.	
19.	**User list.** A list of user navies of the items is to be mentioned.		
20.	**Brochure.** A set of original brochure/booklet in English having full equipment information of individual items the offered model of diving set and accessories to be supplied for each set. Newly prepared customized Brochure/Catalogue will not be accepted.		
21.	**Manual.** A set of original operation and maintenance manual and parts list catalogue in English are to be provided for each set.		
22.	**Warranty.** 01 year warranty from the date of acceptance of the item by BN is to be provided. If the equipment remains non operational for a certain period due to defect during warranty period, the warranty period will be extended for that period.		
23.	**Installation.** As per manufacture		
24.	**Training.** NA		
25.	**Site Visit (Focal Point).** To be mentioned		
26.	**Port of Shipment.** : To be mentioned		
27.	**Test, Trial and Acceptance.** Inspection will be carried out by CINS and test/trial will be carried out by user in presence of suppliers representative. After satisfactory test/ trial and acceptance certificate will be provided by user an supplier to CINS		
28.	**Validity.** 30 June 2027		
29.	**Shipment.**		
	a.	The supplier will arrange shipment of all items by sea to Chittagong. All port handling charges involved to be paid by the supplier.	
	b.	All items are to be delivered in seaworthy packing to ensure safe transit by sea up to the consignee.	
	c.	All Items will be consigned to: The Commanding Officer Naval Stores Depot New Mooring, Chattogram, Bangladesh	
30.	**Pre Shipment Inspection (PSI) & Factory Acceptance Test (FAT):**		
	a.	Pre-Shipment inspection (PSI) & Factory Acceptance Test (FAT) will be carried out by a team of two (02) BN Officer for a duration of total Five (5) days excluding journey period, mainly at the buyer's expense **(including cost of both way airfare, accommodation and food for BN team).** All types of movement/transportation (air, sea, road, rail) of the BN team within the manufacturer/supplier's country, reception and arrangement for entry in to the country/concerned area for the PSI & FAT team are to be	

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		arranged by the supplier without any extra cost.	
	b.	The supplier should inform the buyer/DGDP about the date and schedule of PSI & FAT at least 08 (eight) weeks prior to the date of commencement of the PSI & FAT **including the test procedure that will be carried out during PSI & FAT**. After PSI & FAT a joint inspection report will be prepared and signed by both the seller and buyer's representatives at PSI & FAT premises.	
	c.	The PSI & FAT will be carried out at the manufacturer's/ principal's factory premises. During PSI & FAT the supplier will provide all required materials/test equipment to carry out PSI & FAT without any extra cost. Detailed demonstration of equipments and parts/spares will be carried out by manufacturer.	
	d.	On completion of PSI & FAT and return from the country of PSI & FAT, the BN team will submit their report to NHQ (concerned directorate). NHQ will, in turn, forward final decision along with PSI & FAT report, basing on which DGDP will render clearance for shipment of stores to the supplier concerned. The supplier will not make shipment of any goods/equipment of the contract without clearance from the DGDP.	
31.	**Delivery**. All set are to be delivered within 10 months after signing contract as per the demonstration sample.		
32.	**Terms of Payment**. 80% of total CFR value will be paid on completion of shipment of the contracted goods. Remaining 20% will be made on production of 'Acceptance Certificate' rendered by BN following successful test and trial upon delivery of all items as per contract.		
33.	**Compliance Statement**. A clear and complete Compliance Statement of the tender specification supported by original catalogue is to be submitted for evaluation of the quotation. Incomplete compliance statement may attribute to cancellation of the offer. If any clause of this specification does not commensurate with offered item practically, the deviation has to be spelt out clearly.		
34.	**Condition for Acceptance of Quotation**. Quotation may not be accepted if detailed information/specifications, original maker's books and catalogue about the same model of the offered item, accessories, scope of supply, etc are not provided.		
35.	**Price Quotation.** Price is to be quoted **without import duty** in foreign currency.		

Name of Item	Deno	Qty	Unit Price	Total Price
Semi Closed Circuit Diving Set	Set	20		

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