

TENDER SPECIFICATION OF INFLATABLE LIFE JACKET

Ser	BN Requirements	Supplier's Response/Offer
1.	<u>Name of the Item.</u> Inflatable life jacket (General Service)	
2.	<u>Quantity.</u> 500 Nos	
3.	<u>Type.</u> Semi-automatic	
4.	<u>Model.</u> To be mentioned	
5.	<u>Country of Origin.</u> To be mentioned	
6.	<u>Manufacturing Country.</u> To be mentioned	
7.	<u>Weight.</u> To be mentioned	
8.	<u>Buoyancy.</u> Minimum 15 kg	
9.	<u>Dimension.</u> a. Waist worn 22 x 16 x 8 cm (approx). b. Neck worn 55 x 30 cm (approx).	
10.	<u>Salt Water Activated Battery.</u> Latest SOLAS Life Jacket light marine grade, flash rate 51 flash/minute, water proof & automatic water activated light with long duration, maintenance free and replaceable, an alkaline battery type and 05 years storage time.	
11.	<u>To be Equipped with.</u> Whistle, life line, lanyard with holding arrangement at the end spray hood hoist.	
12.	<u>Chamber/Compartments.</u> 2 (two) in no buoyancy compartment made of polyamide fabric coated with polyurethane on the inner side.	
13.	<u>Colour of Chamber/Compartments.</u> Orange.	
14.	<u>Transparent Visor.</u> The life jacket is to be fitted with a suitable transparent visor sewn with the spray hood.	
15.	<u>Reflecting Tape.</u> Minimum 2 (two) in no (at least 100 x 50 mm) reflecting tape are to be fitted in the suitable place of the spray hood.	
16.	<u>Spray Hood.</u> A spray hood is sewn on the top of the pouch. After inflation of the pouch the spray hood is pulled over the lower part of the pouch, which prevents the evacuee from getting his face all wet while staying in the water.	
17.	<u>Colour of the Spray Hood.</u> Orange.	
18.	<u>CO₂ Bottle.</u> One in no charged suitable CO ₂ bottle is to be fitted with the life jacket.	
19.	<u>Release Device.</u> 02 (two) release devices are to be fitted in both the chambers for inflation/de-inflation system.	
20.	<u>Inflation System.</u> One chamber with CO ₂ bottle and one chamber oral inflation. The front chamber is to be inflated by means of release device, which is provided with a cartridge with a CO ₂ bottle. This device is activated by pulling the handle marked "JERK TO INFLATE". The front chamber may also be inflated orally by means of a tube for oral inflation fitted with a valve on the front of the chamber to the left. The back chamber is inflated orally by means of a tube for oral inflation fitted with a valve and situated on the right back and led through the elastic at the neck opening in order for it to be placed at the front.	
21.	<u>Wearing System.</u> The life jacket to be worn fastened around on its waist either packed in to bag or with a pouch placed around one's neck.	
22.	<u>Setting.</u> The pouch is provided with a whistle fastened to it left front by means of a 70cm cord and with a light placed on its front side to the left. The light is activated by a salt water activated battery. The pouch is fastened to the waist belt by means of 2 bands sewn on the back of the pouch.	

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23.	User Comfort. To ensure the user's comfort, imitation leather provided with a layer of foam is sewn round the neck opening of the pouch.	
24.	Waist Belt Bag. The waist belt bag holding the pouch is made from polyurethane coated nylon colored Navy blue. It is locked on the front side by means of 2 snap fasteners.	
25.	Arrangement in Waist Belt Bag. The front of the waist belt bag is provided a pocket with a flap to be closed by means of a Velcro tape and snap fastener. In side the pocket is provided with 1 pair ring meant for fastening the pocket contents if any. The dimensions of the pocket being of 125 mm x 70 mm x 25 mm. The bag is fastened to the waist belt through opening in both side strength end with bands.	
26.	Waist Belt. The waist belt is to be made from a 50 mm (approx) wide polyester fabric. The belt is closed on its right side by means of a metal buckle. The length regulator is made from metal length of waist belt is at least 125 cm.	
27.	Tensile Strength of Waist Belt. 200-300 kg must be capable to pick up from helicopter during rescue. The waist belt and the hoist are to act as helicopter stop.	
28.	The Hoist. The hoist is made from a 45mm polyester fabric. It is fastened to the waist belt fixed to front of pouch by means of Velcro tape line. To be made from a synthetic line with a toggle at the end. The line is fastened to the waist belt.	
29.	Length of Life Line. 1200 mm (approx).	
30.	Material. The jacket to be made of polyamide fabric coated with polyurethane on the inner side.	
31.	Colour of Inflatable Stole. Orange.	
32.	Test Certificate. A test certificate from the manufacturer is to be submitted with the material.	
33.	Battery of Life Jacket. Latest SOLAS Life Jacket light and marine grade will be provided. The battery inside is an alkaline type, that requires no further service. Manufacturing data and expiry date is to be mentioned. It has to be 05 years storage time with minimum 08 hours operation life.	
34.	Instruction Manual/Catalogue. To be supplied with life jacket.	
35.	ISO Certificate. Life jacket is to be delivered with a work certificate stating that the life jackets manufactured from new and unused material and fulfill all quality standard according to ISO 9001/2008. Separate certificate to be provided with offer, that the offered life jacket meets SOLAS standard requirement. The manufacturer is to be ISO certified and copy of ISO certificate in this regard is to be submitted with the offer.	
36.	Sample. a. Four in number samples for each item are to be submitted with the offer. b. Samples will be used for testing purpose.	
37.	Advanced Sample. Before bulk production (if required) 02 in nos advanced sample to be submitted to NHQ for approval.	
38.	Guarantee. One year guarantee is to be given by the supplier from the date of acceptance by BN. Defective item is to be replaced by the supplier within 30 days without any additional cost.	



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39.	Certificate	Following certificates should also be provided (in English):			
		a.	International recognized standard certificate for the life Jacket and should fulfill ISO/SOLAS standard (with offer).		
		b.	A test certificate from the manufacturer is to be submitted with the items.		
		c.	All items will be brand new and also be supplied from the current production (with offer).		
		d.	Authenticity certificate by the manufacturer in case of principal (with offer).		
		e.	Guarantee Certificate (with offer).		
40.	Authorization Certificate	Following certificates should also be provided (in English):			
		a.	Local agent will provided authorization certificate from his principal with the offer.		
		b.	Principal will provided authorization certificate from his manufacturer with the offer.		
41.	<u>Packing.</u> a. Each packet should have manufacture's standard commercial wrapping and packing. b. Sealed packet having Lot No, Manufacturing date Manufacturer's address and expiry date must be printed on each packet.				
42.	<u>Port of Shipment.</u> To be mentioned.				
43.	<u>Inspection.</u> The Chief Inspector of Naval Stores (CINS) will inspect the items in Chittagong.				
44.	<u>Terms of Payment.</u> 80% of total CFR/CPT 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.				
45.	<u>Quality Assurance Certificate.</u> Quality assurance certificate in original from the manufacturer is to be given along with the consignment.				
46.	<u>Delivery Schedule.</u> a. Items will be delivered at NSD Chattogram. b. Items are to be supplied as per approved sample.				
	Consignee		Quantity	Installment	Delivery time from the date of signing the contract
	The Commanding Officer Naval Stores Depot Chattogram New Mooring, Chattogram Bangladesh.		500 Nos	01	10 Months
47.	<u>Validity of offer.</u> Up to 30 June 2026				

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48.	<u>Compliance Statement.</u> 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 description/information as required are to be given. Relevant document (booklets, leaflet, catalogue, brochure, certificate etc with clear picture of offered Life Jacket and its parts and accessories etc) are to be provided with the quotation which will be used by the Tender Evaluation Committee to verify information mentioned in the compliance statement. An incomplete compliance statement or supporting document may attribute to cancellation of the offer.					
49.	<u>Price Quotation.</u> Price is to be quoted without import duties in Foreign Currency (FC) as follows:					
	Name of Item	Deno	Qty	Unit Price	Total Price	
	Inflatable Life Jacket (General Service)	Nos	500			

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