

Specification for the Search and Rescue Equipment, 2014-2015

This BOQ must be filled for the quoted items. Sample should be submitted for all the quoted items. Quotes without samples will be rejected. Quotes for Sub-Standard items will not be accepted. Delivery/ Supply of sub-standard items or different items from the samples submitted by the winning bidders will be rejected.

THE PRICE QUOTED MUST BE EXCLUSIVE OF THE SALE TAX AND CUSTOMS DUTY (approved by Ministry of Finance on Fire, Search and Rescue Equipment vide approval letter no DRC/STD(FI)4/2013/175 dated 22nd July, 2013)

S/N	Particulars	Specification	Remarks
1	Hard hat	light weight , sturdy, inner padding and short brim for better vision	
2	Prusik Cord	Diameter: 6-8mm, 100 M roll, Minimum Breaking strength: 20KN	
3	Tandem loop Prusik	Diameter 7- 8mm, Shorter loop prusik should be minimum of 60 CM in circumference, Longer Loop Prusik should be minimum of 120 CM in circumference. Both loop should have a minimum Breaking strength 25KN	Firm should submit sample for shorter and longer loop prusik and quote price for pairs
4	Spine board	brightly coloured, light and sturdy with ready made Velcro straps	
5	Basket stretcher	foldable/ non-foldable with head and leg support, Velcro Straps and ready made bridle(6-8ft)	
6	Ordinary Stretcher	fabric made, light and sturdy with handle	

7	Single sheave Pulley	Clean design, Sheave diameter of 1 inch easily accommodate ropes from 10 to 15mm. Breaking Strength of 35 KN	
8	Double Sheave Pulley	Clean design, accommodate ropes from 10 to 15mm. Minimum Breaking Strength of 35 KN	
9	Rescue Ascenders	Rescue Ascenders (Jummer) in Pairs (Left and Right) Should have insulated Handle and should accommodate ropes ranging from 8-13 mm.	Firm should submit sample for left and right handed Jummer and quote price for pairs
10	Figure of 8 (descender)	Aluminum alloy or Steel made, Minimum Breaking strength of 25 KN	
11	Anchor Plate	Aluminum alloy or Steel made with 5- 8 holes. Minimum breaking strength of 45 KN	
12	Water Rescue THROW BAGS	STANDARED THROW BAGS with floating lines of diameter 9mm-12mm. (Ropes should float and will be tested during evaluation)	
13	Dynamic Rope	Diameter : 10.5mm to 12mm, 200 m rolls with minimum breaking strength of 12 KN	

14	Static/ Semi Static Rope	Diameter : 10.5mm to 12mm, 200 m rolls with minimum breaking strength of 28 KN	
15	Seat harness	with thick and wide padding, multiple loop, easy to wear with adjustable buckles. Minimum breaking strength of 20 KN	
16	Full Body Harness	with thick and wide padding, multiple loop, easy to wear with adjustable buckles. Minimum breaking strength of 20 KN	
17	Evacuation Triangular harness for rescue	light and compact with adjustable loops with attachment point.	
18	Carabineer plain type	Aluminum alloy or Steel made, Pear/Oval Shaped, with minimum breaking strength of 22KN	
19	Carabineer Screw type	Aluminum alloy or Steel made, Pear/ Oval Shaped with minimum Breaking Strength of 25 KN	
20	Ringer rope gloves	light and durable, leather made	

21	Tape Sling	soft and flexible, 100 meters roll with width of 20-25mm and minimum breaking strength of 20 KN	
22	Life Vest	light, Bright in Colour. Life vest with head rest and quick release harness will be preferred. (Will be tested for quality and buoyancy)	
23	Ringbouy	Light weight, made of soft floating material, brightly coloured, durable and should float on the water (Will be tested for quality and buoyancy)	
24	Floating lines	diameter of 9-11mm, brightly coloured and should float on the water (Will be tested for quality and buoyancy)	
25	Search Light	Search Light (chargeable with minimum of 12 thousand candle lights)	
26	Mannequin	Mannequin of adult, Half body,	
27	CPR Mask mouth to mouth Resuscitation	clear and Transperent, air flows only in one direction.	
28	Wet Suit (Jacket plus Suit)	Made of 3-4 mm neoprene, semi flexible, strong and durable	

29	Dry Suit	should be strong and durable	
30	Tripod anchor System	Head should have minimum four connection points with working load of minimum 450 KG and minimum breaking strength of 22 KN. The height of the Tripod should be adjustable with telescopic legs.	
31	Fire Detecting and Alarm System	The system should detect smoke and fire at early stage, provide loud alarm on fire detection. The firm will be responsible for installation.	<p>This particular item is called for quotation on behalf of Dzongkhags for standardized fire detection and alarm system in the country. The bidding firm should submit a separate proposal with detailed chapters on specification and functionality of the fire detectors and alarm system along with the samples. Since the Dzongkhags will be procuring the system and firm is responsible for installation, the firms should submit quote for installation charges based on following distance range:</p> <p>1 KM-100 KMs 101 KMs-200 KMs 201 KMs - 300 KMs 301KMs- 400 KMs 401 KMs-500 KMs 501 KMs-600 KMs 601KMs-700 KMs 701KMs-800 KMs 801 KMs-900 KMs</p>
32	VHF Set	Hand set should be sturdy and have high range of connectivity	Firm should be registered with BICMA

