

Specification for the Search and Rescue Equipment, 2015-2016

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	Approximate Quantity Range (the final quantity will be determined by purchaser based on the unit price and total budget available)
1	Hard hat	light weight , sturdy, with removable inner padding, chin adjustable strap and short brim for better vision,		120 - 132 Nos
2	Prusik Cord	Diameter: 8mm, 100 M roll, Minimum Breaking strength: 20KN		1-5 Nos
3	Tandem loop Prusik	Diameter 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	60 - 80 Nos
4	Spine board	minimum dimension 185cm X 41 cm * 5 cm, minimum weight carrying capacity of 150 Kg, brightly colored, light and sturdy with ready made Velcro straps		5- 15 Nos

5	Basket stretcher	<p>non-foldable, dimension 210-215 cm (Length) * 60-65 cm (Width) * 19-20 cm (Height), Minimum load capacity 280 Kg should have:</p> <ul style="list-style-type: none"> -comfortable full length padding, -head and leg support, - minimum 3 ready made nylon restrainer strap with quick release buckle. -four eyelets (two on head side and two on leg side) for attaching bridle <p>Nylon rope should be along entire perimeter</p>		10-15 Nos
6	Ready made litter bridle for basket stretcher	<p>brightly colored, with adjustable buckle, large carabineer at the end of four legs and four legs should be connected with O-ring. Each legs should be independently adjustable. Minimum breaking strength of 22 KN</p>		10-15 nos
7	Easy Evacuation Stretcher	<p>fabric made, light, non-rigid, sturdy with minimum 6 handle, Minimum load capacity of 100 kg. inclusion of Accessories such emergency blankets, gloves etc will be added valued for the bid.</p>		30-45 Nos
8	Single sheave Pulley	<p>Clean design, should have movable flanges. Should be made of aluminum alloy (both wheel and flanges). easily accommodate ropes up to 15mm. Minimum Breaking Strength of 30 KN</p>		50-70 Nos

9	Double Sheave Pulley	Clean design, should have two parallel pulley with movable flanges, should accommodate ropes up to 15mm. Should be made of aluminum alloy (both wheels and flanges). Minimum Breaking Strength of 30 KN		30 - 40 Nos
10	Rescue Ascenders	Rescue Ascenders (Jummer) in Pairs (Left and Right), Aluminum alloy or Steel made, should accommodate ropes ranging from 8-13 mm, Should have: -cam should have minimum 15 teeth - insulated Handle, -two action locking and closing system	Firm should submit sample for left and right handed Jummer and quote price for pairs	30 - 40 Nos
11	Figure of 8 (descender)	Aluminum alloy or Steel made, should accommodate ropes from 8-13 mm. Minimum Breaking strength of 30 KN		120 - 140 Nos
12	Anchor Plate	Aluminum alloy or Steel made, with 8 anchor points. Minimum breaking strength of 45 KN		15 - 30 Nos
13	Water Rescue THROW BAGS	STANDARED THROW BAGS with floating lines of diameter 9mm. (Ropes should float and will be tested during evaluation)		40-60 Nos
14	Dynamic Rope (100 meter roll)	10.5 mm Diameter, with minimum breaking strength of 12 KN must have: -dynamic elongation should be over 30 percent, - minimum no of falls should be over 8		5 - 15 Nos

15	Static Rope (100 meter roll)	<p>11mm Diameter : black in color, -minimum breaking strength of 28 KN, -Static elongation up to 2 percent, made of outer Sheath and inner core with following percentage: -sheath not more than 40 %, - Core not less than 60 %</p>		20 - 30 Nos
16	Static Rope (200 meter roll)	<p>11mm Diameter : black in color, -minimum breaking strength of 28 KN, -Static elongation up to 2 percent, made of outer Sheath and inner core with following percentage: -sheath not more than 40 %, - Core not less than 60 %</p>		5 - 15 Nos
17	Seat harness	<p>with thick and wide padding, easy to wear with adjustable buckles. harness should have minimum three steel loop for attachment and two rubber loops for hanging accessories, one attachment loop in the front and two at the side of the harness. should be convertible to full body harness with attachment of chest harness. Minimum breaking strength of 20 KN</p>		130 - 140 Nos
18	Full Body Harness	<p>with thick and wide padding, minimum three steel loop for attachment and two rubber loops for hanging accessories, one attachment loop in the front and two at the side of the harness, easy to wear with adjustable buckles. Minimum breaking strength of 20 KN</p>		20- 40 Nos
19	Evacuation Triangular harness for rescue	<p>light and compact with four (4) adjustable loops with attachment point.</p>		20 - 40 Nos

20	Plan Carabineer	Aluminum alloy made, D or Oval Shaped, with minimum breaking strength of 20 KN. Dimension 101 X 58 mm		150 - 170 Nos
21	Screw Carabineer for normal duty such as rock climbing and rappelling	Aluminum alloy or Steel made, Oval or D Shaped, with minimum breaking strength of 25KN Dimension 108 X 58 mm		200 - 250 Nos
22	Carabineer Screw (D shaped) for heavy rigging and Hauling	Steel made, D Shaped with minimum Breaking Strength of 70 KN should have large screw gate opening, locking screw gate and key lock nose. Dimension 125 X 73 mm		100 -150 Nos
23	Rope gloves	leather made, gloves should have double palm layers, elastic nylon on back for flexibility, rubber inserts in all finger for finger protection, cuff with Velcro closure	sample will be tested for comfortable and resistance to wear and tear.	50- 80 Pairs
24	Tape Sling	soft and flexible, 100 meters roll with width of 16 mm and minimum breaking strength of 22 KN		5 - 10 rolls
25	Life Vest	light, Bright in Color. Life vest with head rest and quick release harness will be preferred. (Will be tested for quality and buoyancy)		50 - 80 Nos
26	Ringbouy	Light weight, made of soft floating material, brightly colored, durable and should float on the water (Will be tested for quality and buoyancy)		30 -- 50 Nos

27	Floating Rope	diameter 10mm, polypropylene made, brightly colored and should float on the water (Will be tested for quality and buoyancy)		5- 15 Nos
28	Search Light	Search Light (chargeable with minimum of 12 thousand candle lights)		15- 30 nos
29	CPR Pocket Resuscitators (CPR Mask)	clear and Transparent, should have one way valve (air flows only in one direction) soft air cushion for leak-free performance, strap to keep mask in during use. Should come with case.		80 --120 Nos
30	Wet Suit	full coverage suit, Made of 3 mm nylon coated Dupont neoprene, semi flexible, strong and durable, preferably with Zippers at Wrist and Ankles.		1- 3 Nos
31	Tripod anchor System	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.		1- 5 Nos
32	VHF Set	Hand set should be sturdy and have high range of connectivity, Digital.	spare parts and repair service should be provided	40-50 Nos
33	USAR knee Pads (in pairs)	Should have half inch high density foam covered in durable material such as Nylon. Should have non-slip caps made of durable materials, Velcro closure, Should Provide heavy duty protection		5-15 Pais
34	USAR elbow Pads(in pairs)	Should have half inch high density foam covered in durable material such as Nylon. Should have non-slip caps made of durable materials, Velcro closure, Should Provide heavy duty protection		5-15 Pais

35	Fall arrester	Auto locking single rope descender and belay device. Should have two locking positions which should engage by under or over extension of the release handle. Should accommodate 11		10 - 20 Nos
36	Easy Anchor Webbing	Polyester made, dimension (length 160 cm X width 44 mm), should have two steel rings at the two end of the webbing, minimum breaking strength of 35 KN		10 - 40 Nos
37	Easy Anchor cable	Steel made, 7 mm cables with eyelets at the ends and covered with a 15 mm plastic protection tube. Length 200 cm.		10- 30 nos

