

Ministry of Defence

Project Title: PEMBELIAN PERSONAL PROTECTIVE EQUIPMENT (PPE) BAGI UNIT KHIDMAT BOMBA DAN KESELAMATAN, KHIDMAT BANTUAN KOMBAT, TENTERA DARAT DIRAJA BRUNEI

Project Ref: MINDEF/DFA/FY2025/LB/TA/003

ANNEX A – SPECIFICATION


ITEM 1		FIREMAN JACKET C/W OVER TROUSER (FIRE RESISTANCE)		
QUANTITY REQUIRED		200 SETS		
Ser No.	Specification	Compliance (Please Tick)		Remarks (To Be Completed by Tender)
		YES	NO	
(a)	(b)	(c)	(d)	(e)
1	<p>JACKET</p>			



Ministry of Defence

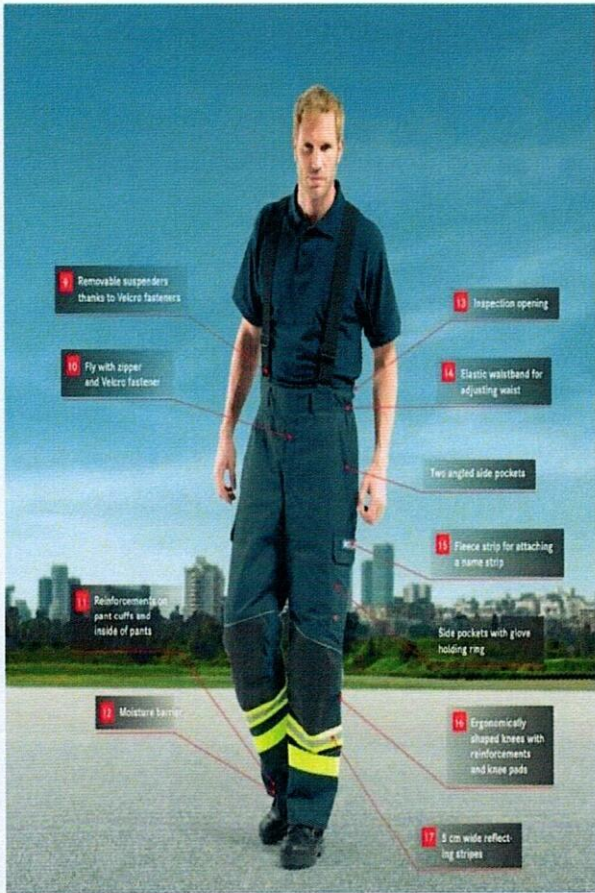
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		YES	NO	
(a)	(b)	(c)	(d)	(e)
	 <p>BOMBA ABDE</p>			
1.1	FLAME PROTECTION COLLAR <ul style="list-style-type: none"> Flame protection collar can be pulled up under the helmet, closure with velcro fastener at the front 			
1.2	SHOULDER AREA WITH EXTRA HEAT PROTECTION <ul style="list-style-type: none"> Heat protectors for even more safety in the breathing apparatus belt area 			
1.3	ERGONOMICALLY SHAPED ELBOW WITH REINFORCEMENT <ul style="list-style-type: none"> Ergonomically shaped elbow with reinforcements made of flame-retardant, silicon-carbon coated para-aramid fabric 			

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1.4	INDIVIDUAL WIDTH ADJUST MEN AT SLEEVES <ul style="list-style-type: none"> Sleeve width can be adjusted individually due to velcro, sleeves with innovative nomex knitted wristlet and thumb hole 			
1.5	MOISTURE BLOCKER AT JACKET AND SLEEVE SEAMS <ul style="list-style-type: none"> No Moisture Penetration 			
1.6	HOLDING LOOP FOR MANUAL MICROPHONE <ul style="list-style-type: none"> Holding Loop for Manual Microphone on Left 			
1.7	RADIO POCKETS ON BOTH SIDES			
1.8	INSPECTION OPENING <ul style="list-style-type: none"> To Check Status of Membranes (Inner of The Jacket) 			
1.9	FIRE MAX 3 NEXT GENERATION OF PROTECTION AND WEARING COMFORT <ul style="list-style-type: none"> Protective Suit Certified as To EN 469:2005 + A1:2006 Including Annex B and EN 1149-5:2008 			
1.10	UNCOMPROMISING SAFETY <ul style="list-style-type: none"> Equipped with A Safety Thermal Lining in Order to Ensure Safety in Extreme Situation 			
1.11	FABRIC STRUCTURE <ul style="list-style-type: none"> Outer Fabric-NOMEX Tough Approximately: 195g/2 Colour: Dark Blue Moisture Barrier (Liner) PTFE Membrane on Basophil Non-Woven Carrier Safety Thermal Lining Basophil Non-Woven Material with Quilted Cover Layer Made of Mixed Aramid/Viscose Fabric 			
1.12	LETTERING ON BACK - BOMBA ABDB <ul style="list-style-type: none"> Each Clothing Must Have A Detachable Retroreflective Lettering BOMBA ABDB On Velcro Colour: Silver Letter on Blue Background 			



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		YES	NO	
(a)	(b)	(c)	(d)	(e)
	<p style="text-align: center;">OVERTROUSERS</p> 			
1.13	REMOVABLE SUSPENDERS THANKS TO VELCRO FASTENERS <ul style="list-style-type: none"> 5 cm wide suspenders 			
1.14	FLY WITH ZIPPER AND VELCRO FASTENER <ul style="list-style-type: none"> Fly with zipper and Velcro fastener, covered by flap 			
1.15	REINFORCEMENT ON PANT CUFF AND INSIDE OF PANTS <ul style="list-style-type: none"> Reinforcements at the knees, on the cuffs and interior seams of the pants made of flame retarding silicon-carbon coated para-aramid fabric 			

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		YES	NO	
(a)	(b)	(c)	(d)	(e)
1.16	MOISTURE BARRIER <ul style="list-style-type: none"> Moisture blocker made of flame-retardant PU coated Aramid fabric at the trousers' seam 			
1.17	INSPECTION OPENING <ul style="list-style-type: none"> Inspection opening to check status of membrane 			
1.18	ELASTIC WAISTBAND FOR ADJUSTING WAIST			
1.19	TWO ANGLE SIDE POCKETS			
1.20	FLEECE STRIP FOR ATTACHING A NAME STRIP <ul style="list-style-type: none"> 15 x 2.5cm fleece strip for attaching a name strip on the left side pocket 			
1.21	STRIP POCKET WITH GLOVE HOLDING RING <ul style="list-style-type: none"> Ergonomically shaped knees with reinforcement and sewn-in knee pads made of water repellant cellulose rubber 			
1.22	REFLECTING STRIPES <ul style="list-style-type: none"> 5 cm wide reflecting strips around the leg and a vertical silver-colored reflective stripe on the outside of the trousers 			



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ITEM 2		FIRE FIGHTER PROTECTIVE HELMET		
QUANTITY REQUIRED		200 EA		
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		YES	NO	
(a)	(b)	(c)	(d)	(e)
2				
2.1	BRAND: HEROS-TITAN OR EQUIVALENT			
2.2	SIZE ADJUSTMENT FROM OUTSIDE <ul style="list-style-type: none"> Adjustment can easily be made while wearing gloves. Covers head sizes 49 to 67cm (6 1/8 to 8 1/4 us) 			
2.3	HELMET FLASH LIGHT <ul style="list-style-type: none"> Helmet flash light, detachable for use as hand flash light, explosion proof, led & operated using batteries 			

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		YES	NO	
(a)	(b)	(c)	(d)	(e)
2.4	EYE PROTECTOR AND FACE SHIELD <ul style="list-style-type: none"> Integrated tilt-up eye protection and face shield 			
2.5	CHINSTRAP <ul style="list-style-type: none"> Ergonomic, 3-point chinstrap for perfect fit and stability 			
2.6	NECK PROTECTION/EAR COVERS <ul style="list-style-type: none"> Neck protector made of heat and flame-resistant material Additional side and neck protection 			
2.7	COLOR <ul style="list-style-type: none"> Helmet Color: Red Helmet Strips and Lettering Lettering Colour: Silver Code:157365 			
2.8	HELMET LOGO Ministry of Defence, Brunei Darussalam Logo for The Helmet Front Side: Diameter 38mm (refer below as sample)			



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ITEM 3		FIRE FIGHTER SAFETY & PROTECTIVE GLOVE		
QUANTITY REQUIRED		200 PAIRS		
Ser No.	Specification	Compliance (Please Tick)		Remarks (To Be Completed by Tender)
		YES	NO	
(a)	(b)	(c)	(d)	(e)
3				

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		YES	NO	
(a)	(b)	(c)	(d)	(e)
3.1	OUTER MATERIAL <ul style="list-style-type: none"> The back of the glove shall be made of premium aramid combinations with high impact strength, flame and heat resistance, and chemical resilience. Para-aramid non-woven material on the rear provides extra heat and cut protection. Palm side features silicone-carbon-coated dual woven fabric with a new mineral component admixture. Nomex and para-aramid coating ensure excellent comfort, durability, and superior grip on slippery and wet surfaces. 			
3.2	INNER MATERIAL <ul style="list-style-type: none"> Must Be Waterproof and Breathable 			
3.3	LINING <ul style="list-style-type: none"> Must be tear and cut-proof also flame and heat resistant combination of nomex kevlar knitted fabric 			
3.4	SLIP-FREE AND THUS EASY TO PULL ON AND OFF <ul style="list-style-type: none"> Must be slip-free and thus easy to pull on and off. All material layers are firmly interconnected. No risk of the inner glove working loose or slipping when pulling the glove on or off. 			
3.5	COLOR <ul style="list-style-type: none"> As Picture Sample or Nearest 			



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ITEM 4		FIRE FIGHTER AXES WITH COVER		
QUANTITY REQUIRED		200 EA		
Ser No.	Specification	Compliance (Please Tick)		Remarks (To Be Completed by Tender)
		YES	NO	
(a)	(b)	(c)	(d)	(e)
4.				
	<u>FIRE FIGHTER AXES</u>			
4.1	CERTIFICATION <ul style="list-style-type: none"> Certified as DIN 14924. 			
4.2	MATERIAL <ul style="list-style-type: none"> Blade must be made of high tensile steel. Grip cover must be made of synthetic rubber for good shock absorption 			
4.3	DESIGN <ul style="list-style-type: none"> Red Painted head with ground splitter dan narrow pike on the opposite side Oval tubular steel handel inserted to the head Non –slip rubber hand guard. 			
4.4	DIMENSIONS AND WEIGHT <ul style="list-style-type: none"> Length: 330 mm. Weight: 1.5kg. 			

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		YES	NO	
(a)	(b)	(c)	(d)	(e)
	<u>AXE COVER</u>			
4.4	CERTIFICATION <ul style="list-style-type: none">DIN14294 (Fire Brigade Hatchet Protective Holder)			
4.5	MATERIAL <ul style="list-style-type: none">Black leather with belt loopSpecially adapted to new hatchet with triangletop quality leather dan workmanship.			
4.6	WEIGHT: 0.16Kg			



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ITEM 5		FIRE FIGHTING BELT		
QUANTITY REQUIRED		200 EA		
Ser No.	Specification	Compliance (Please Tick)		Remarks (To Be Completed by Tender)
		YES	NO	
(a)	(b)	(c)	(d)	(e)
5.				
5.1	CERTIFICATIONS <ul style="list-style-type: none"> DIN 14927 & EN 358 certified NFPA 1983:2017 escape belt certified 			
5.2	MATERIAL & CONSTRUCTION <ul style="list-style-type: none"> Made from durable polyester Colour: Black Width: 85mm Double buckle design Hardware: Aluminum 			
5.3	SIZE & WEIGHT <ul style="list-style-type: none"> Rope: 12mm in diameter, 800mm long Weight: Approximately 1kg 			
5.4	FEATURES <ul style="list-style-type: none"> Multipurpose carabiner with safety mechanism Easy to use, multi-function firefighter escape and ladder belt Patented multi-use strap (optional addition) functions as: NFPA ladder strap, One-leg harness & Various RIT (Rapid Intervention Team) and victim carries/drag Multi-use strap can be neatly stowed inside a turnout pocket Comes standard with an attachment point for bailout or NFPA ladder strap 			



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ITEM 6		FIREMAN SAFETY BOOTS		
QUANTITY REQUIRED		200 PAIRS		
Ser No.	Specification	Compliance (Please Tick)		Remarks (To Be Completed by Tender)
		YES	NO	
(a)	(b)	(c)	(d)	(e)
6.				
6.1	MATERIAL <ul style="list-style-type: none"> Premium Heinen full-grain leather 			
6.2	LINING <ul style="list-style-type: none"> GORE-TEX waterproof and breathable lining 			
6.3	SOLE <ul style="list-style-type: none"> Dual Density Rubber (DDR) injected sole SRC slip resistance 			
6.4	PROTECTION FEATURES <ul style="list-style-type: none"> Ankle protective disks Shock and energy-absorbing heel zones Fire-retardant threads and stitching External ridged bump cap for durability Steel toe cap (200J impact resistance) Stainless steel midsole (penetration resistance up to 1100N) 			
6.5	COMFORT & VISIBILITY <ul style="list-style-type: none"> Reflective high-visibility panels (lateral side) Pull-on handles for easy donning Removable and washable felt footbed with impact-absorbent PU pads 			



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6.6	CERTIFICATIONS & STANDARDS <ul style="list-style-type: none"> EN ISO 15090:2012 F2A HI3 P T CI SRC (firefighter footwear standard) EN ISO 20345:2011 S3 CI HI CR HRO WR SRC 			

Ser No.	Requirements	Remarks
(a)	(b)	(c)
7.1	COMPLETE CATALOGUE <ul style="list-style-type: none"> Detailed information on the specifications, features, functions, and images of the equipment offered. This catalogue aims to provide a clear overview of the product or service to be supplied. SIZE CHART <ul style="list-style-type: none"> A comprehensive size chart detailing the dimensions, weight, and relevant measurements of the equipment to ensure compliance with the required specifications. 	
7.2	CERTIFICATION OF EQUIPMENT STANDARD COMPLIANCE <ul style="list-style-type: none"> Official documents or certificates confirming that the supplied equipment meets the standards and specifications set by the relevant regulatory authority or governing body. 	
7.3	SAMPLE OF EQUIPMENT <ul style="list-style-type: none"> A sample unit or physical model of the offered equipment for evaluation and verification purposes. 	
7.4	WARRANTY <ul style="list-style-type: none"> A warranty document outlining the duration and terms of coverage against any manufacturing defects or functional failures of the supplied equipment within a specified period after purchase. 	

