

1. **ANNEX II + III : TECHNICAL SPECIFICATIONS + TECHNICAL OFFER**

Contract Title : Supply of Personal Gear and Equipment for Fire Fighting and Flood Rescue

Location: Aرسال -Baalbek-Hermel Governorate, Lebanon

Publication Reference : MASAR-LB-VNGI-014-SP/2021

Columns 1-2 should be completed by the Contracting Authority

Columns 3-4 should be completed by the tenderer

Column 5 is reserved for the evaluation committee

Annex III - the Contractor's technical offer

1 General Technical requirements

1.1 The items provided should not be hybrids or clones and should be registered in Lebanon.

1.2 All material must be 100% brand-new,



1.3 The origin must be well in conformity with the national laws and laws of the contracting authority



The tenderers are requested to complete the template on the next pages:




- Column 2 is completed by the Contracting Authority shows the required specifications (not to be modified by the tenderer),
- Column 3 is to be filled in by the tenderer and must detail what is offered (for example the words “compliant” or “yes” are not sufficient)
- Column 4 allows the tenderer to make comments on its proposed supply and to make eventual references to the documentation



The eventual documentation supplied should clearly indicate (highlight, mark) the **models offered** and the **options included**, if any, **the origin**, so that the evaluators can see the exact configuration. Offers that do not permit to identify precisely the models and the specifications may be rejected by the evaluation committee.



The offer must be clear enough to allow the evaluators to make an easy comparison between the requested specifications and the offered specifications.


1. Item Number	2. Specifications Required	3. Specifications Offered	4. Notes, remarks, ref to documentation	5. Evaluation Committee's notes
<p>1.</p>  <p>Heavy duty Hoe</p>	<p>Material: rail steel, sharp edges, weight 5lbs, width 16cm, length 24cm, handle 120 cm and up</p>			
<p>2</p>  <p>Firefighting Shovel</p>	<p>heavy-duty, fiberglass handle length 150cm. rivet less ring of steel that connects the shovel neck, shovel width:22.5cm shovel length 29cm, weight: 2kg</p>			



1. Item Number	2. Specifications Required	3. Specifications Offered	4. Notes, remarks, ref to documentation	5. Evaluation Committee's notes
 <p>3 Collapsible Backpack Firefighting Pump with Standard Piston Pump</p>	<p>Capacity:20L PVC net clamping cloth, adjustable padded shoulder straps. Chest adjustable buckle Brass Flit style spray gun Spray jet length 8 meter 48.5x40.5x30.5cm/12kgs Spray gun:10pcs/ctn 80x26x12cm/10kgs Bag:10pcs/ctn</p>			
 <p>4 Gasoline saws</p>	<p>weight: 8.5kg,3.8KW/5.0HP,1000r/min, 500ml, 58cc, cut dia:50-70cm (20")</p>			



1. Item Number	2. Specifications Required	3. Specifications Offered	4. Notes, remarks, ref to documentation	5. Evaluation Committee's notes
 5 Firefighting Axe	Axe head made of High Carbon Steel, handle made of Fiberglass, weight:3kg, size 93*26*11.4cm, red glue processing doesn't turn around, with ergonomic design			
 6. Metric Diameter Tape	50m pvc meter waterproof, markings for meters, centimetres, and millimetres			
 7. Hydration Water Pack	Capacity 5L. water capacity 2L, color balck , Waterproof and tear resistant, size, 39*28*6.6cm, weight 0.54kg, Quick drinking water system, Chest adjustable buckle 88-128cm			



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<p>8. Heavy Duty multifunctional Fire Helmet</p> 	<p>Red color, should be comfortable interior fitting with 4-point harness including padding of the entire head area, quick-release buckle and elastic chin cup, hook-and-loop fasteners, adjusting wheel. The cap shell is made of super plastic, high temperature 200° no deformation, lamp holder, high quality reflective strip, goggles anti-fog & fire-resistant material, polycarbonate anti-scratch double glazing. Led flashlight Lumens, Beam length around 15 cm, Dustproof / Waterproof, Runtime 10 hours, tail switch, multiangle mount from both sides of helmet</p>			
<p>9. Fire Hood</p> 	<p>White color, flame resistant, moisture absorbency, Meeting the performance specifications and standard requirements, stretch, 100 Nomax</p>			
<p>10. Fire Proof Gloves for Firefighter,</p>	<p>Navy blue color with reflective strip, thermal protection & Flame-retardant fabric, natural leather Double-Sided Knitted Fabric, with</p>			


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Fire Retardant Gloves 	four-layer, waterproof layer, insulating layer. acid-proof, anti-oil, anti-static			
11.  Short Sleeve Firefighting Shirt	4.3oz 100% Fine Jersey cotton construction short sleeve t-shirt. soft, smooth T-shirt . Durable rib neckband. Navy blue color			
12.	Navy blue Color, appearance quality, flame retardant performance, tensile strength, tear strength, mass per unit area, the dimensional change rate, thermal stability, formaldehyde content, PH value, light resistance, water resistance, fastness to washing, dry friction			


1. Item Number	2. Specifications Required	3. Specifications Offered	4. Notes, remarks, ref to documentation	5. Evaluation Committee's notes
 <p>Fire resistant standard suit for urban fires</p>	<p>resistance, the colour fastness to perspiration, sewing thread, sewing thread thermal stability, reflective tape back reflection coefficient values, the reflective tape flame retardant performance, reflective tape thermal stability, attachments and accessories, fire protection clothing design, the finished garment model, structure, sewing, appearance, size rate of change after washing, joint strength</p>			


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<p>13.</p>  <p>Wildfire fighting boots</p>	<p>Top layer trim skin 1.6mm, flame retardant Kevlar</p>			
<p>14.</p>  <p>Multipurpose combination filter</p>	<p>Protection against organic gases and vapours with a boiling point of up to 65°C, Toxic and highly toxic airborne particles, filter class P3, Sulphur dioxide and ammonia</p>			



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15.  Respirator mask half face	Respirator, half face piece, cartridge-type, P-100 or equivalent			
16.  Resprator mask full face	Respirator, full face piece, cartridge-type			
17.	SCBA, 30 minute-rated service life cylinder, face piece have a field of view of 80%, Mask-Mounted Regulator, Heads-Up-Display, Universal Air Connection, Pressure Reducer, PASS Device, Carrier & Harness			


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 <p>Positive pressure air respiratory for protection</p>				
 <p>18. Boot jack</p>	<p>Wooden Boot Jack - Boot Puller, Shoe Remover, One Size Fits All, Works on all Shoes</p>			

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<p>19.</p>  <p>Carbon dioxide Extinguisher 9Kg</p>	<p>Approved certification</p>			
<p>20.</p>	<p>Approved certification</p>			

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 Powder fire extinguisher 12 kg				

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21.  Waterproof Flood Breathable Chest Waders	Product Name : 100% Waterproof Fishing Waders Features: Fashion seam design, socks and trousers are sewed closely, all round waterproof, durable and breathable. - H-back adjustable shoulder strap with quick-release buckles, comfortable to wear. Material : PVC boot Size:38-46 Boot: PVC Work Boot			
22.	For Flood Relief, Made of polyester, reflective wear type, sleeveless			

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 <p>safety life jacket vest</p>				
<p>23.</p>  <p>1 Set Lukas Combi Tool SC 358 E2 , Battery operated Cutter and Spreader Hydraulic Tool, Supplied with two</p>	<p>FLEXIBLE. POWERFUL. ACCUBATORS The new eDRAULIC combination device SC 358 E2 is ideal for first aid in traffic accidents and for civil protection operations. The battery-powered combination of spreader and cutter allows maximum flexibility at all times and convinces with first-class performance values in practice. Compared to the predecessor model SC 357 E2, the maximum cutting force has been increased to 492 kN and the tractive force has been increased significantly. Removable "Shark Tooth Tips" enable more effective cutting due to less material crushing,</p>			

1. Item Number	2. Specifications Required	3. Specifications Offered	4. Notes, remarks, ref to documentation	5. Evaluation Committee's notes
5AH batteries 25.2 volt and 230 volt charger – Made in Germany	the aggressive blade geometry allows best cutting performance in every situation. "Shark Tooth Tips The necessary grip when spreading when every second counts: The specially developed "Shark Tooth" tips offer maximum performance thanks to their design and the 4-row arrangement of the teeth!			
24.  Walkie Talkie	Dual band VHF/UHF, 200 channel commercial transceiver. Freq. range: 136-174, 375-512 MHz. Includes the 2.5 step for FCC narrowband compliance. Upgraded 1700mAH Li-ion battery pack. Standard SMA antenna connector. Part 90 certified for commercial use			