

**List of priority needs of the State Emergency Service of Ukraine  
incurred as a result of Russian invasion  
(as of March 23, 2022)**

<b>№</b>	<b>Category</b>	<b>List of requested goods/equipment and services (type and quantity)</b>
1.	<b>Motor vehicles and special equipment</b>	<ol style="list-style-type: none"> <li>1. Truck crane with a lifting capacity of at least 50 tons — 10 pcs;</li> <li>2. Tracked bulldozer (20-40 tons) — 10 pcs;</li> <li>3. Pneumatic wheeled excavator (type JCB 4CX) — 10 pcs;</li> <li>4. Front-end loaders (3-5 cubic meters) – 10 pcs;</li> <li>5. Saddle tractor with a trawl with a permissible mass of a road train of up to 100 tons — 10 pcs;</li> <li>6. Vehicles for mobile task forces – 10 pcs;</li> <li>7. 4-wheel-drive truck with a lifting capacity of at least 20 tons - 20 pcs.;</li> <li>8. Pickup 4x4 (for transportation of 4 - 5 people and equipment) - 50 pcs.;</li> <li>9. 4x4 cross-country vehicle for transportation of 6-7 people and emergency equipment (Volkswagen Crafter DC type) - 30 pcs;</li> <li>10. Machine for mechanical demining of the terrain with remote control (type MV-10, Minewolf or Bazena) - 6 pcs;</li> <li>11. Special radiation and chemical reconnaissance vehicle - 31 pcs;</li> <li>12. Special laboratory control vehicle - 11 pcs;</li> <li>13. Special decontamination vehicle - 32 pcs;</li> <li>14. Container diving complex - 5 pcs;</li> <li>15. Special emergency diving stations of heavy type on passenger trucks and trucks with wheel formula 4x4 - 5 pcs;</li> <li>16. Special emergency diving stations of light type on passenger cars with wheel formula 4x2, 4x4 - 15 pcs.;</li> <li>17. Inflatable boat with an engine (for 5-6 people) - 50 pcs.;</li> <li>18. Vehicles for mechanized clearance of construction waste – 20 pcs.</li> <li>19. Buses for 40-50 seats - 20 pcs.</li> <li>20. Truck tractors with semi-trailer curtain type - 20 pcs.</li> <li>21. Two-section car fuel tanker from 8 m<sup>3</sup> - 31 pcs.</li> </ol>
2.	<b>Special tools and</b>	1. Explosive objects detectors, depth up to 0.6 meters

	<p><b>equipment</b></p>	<p>– 107 pcs;</p> <p>2. Explosive objects detectors, depth up to 3 meters – 80 pcs;</p> <p>3. Explosive objects detectors, depth up to 6 meters – 80 pcs;</p> <p>4. Underwater metal detectors – 11 pcs;</p> <p>5. High pressure 300 bar air compressors with spare parts, tools and accessories (for the purposes of refilling compressed air cylinders) – 400 pcs;</p> <p>6. Firefighting motor pumps (not less than 2000 liters/minute capacity) – 30 pcs;</p> <p>7. Firefighter thermal imagers – 30 pcs;</p> <p>8. Diesel electric generator with power cable network (with power capacity not less than 400 Kilowatt) – 50 pcs;</p> <p>9. Diesel electric generator with power cable network (power capacity 100-150 kW) – 20 pcs;</p> <p>10. High pressure fire hoses Ø 32 mm T-type – 8,000 meters;</p> <p>11. High pressure fire hoses Ø 51 mm T-type – 50,000 meters;</p> <p>12. High pressure fire hoses Ø 77 mm T-type – 60,000 meters;</p> <p>13. Fire-hose barrels – 800 pcs;</p> <p>14. Mobile heating devices (functioning on liquid fuel) for heating of premises - 30 pcs;</p> <p>15. Pumping stations with capacity not less than 6000 liters/minute with a set of fire hoses – 100 pcs;</p> <p>16. Motor pumps with capacity not less than 600 liters/minute with a set of sleeves (fire hoses) – 100 items;</p> <p>17. Filter stations with a capacity of at least 10,000 liters per day, with tanks for storage of clean and polluted water, consumables and reagents – 80 sets;</p> <p>18. Light mast - 30 units.</p> <p>19. Hydraulic and pneumatic rescue equipment (clamps, scissors, jacks,) - 500 sets;</p> <p>20. Battery electrical equipment (perforators, bumpers, angle grinder, concrete cutters) - 500 sets;</p>
<p>3.</p>	<p><b>Infrastructure, construction and repair work, temporary structures</b></p>	<p>1. Field camp with autonomous life support to accommodate 250-300 people with vehicles for transportation - 55 pcs;</p> <p>2. Water tanks on trucks for drinking water supply with capacity no lower than 6000 liters - 25 pcs.</p> <p>3 Mobile point for food of personnel from 250 people, modular-container type on cars for transportation-35 units;</p>

		4. Mobile bath-laundry point for personnel (capacity 250 persons), mounted modular-container type - 35 units;
4.	<b>Equipment and personal protective equipment</b>	<ol style="list-style-type: none"> <li>1. Bulletproof vest (Level III or IV) – 14 190 pcs;</li> <li>2. Bulletproof helmet (Level 1 A) – 5190 pcs;</li> <li>3. Blast protective suit (EOD - 9 type) – 13 pcs;</li> <li>4. Compressed air breathing apparatus 300 bar – 4000 pcs;</li> <li>5. Personal dosimeters – 31 000 pcs;</li> <li>6. Filtration gas masks with combined filter – 54 000 pcs;</li> <li>7. Light-type chemical protection suits – 70 000 pcs;</li> <li>8. Special protective clothing with equipment for firefighters – 6400 sets;</li> <li>9. Special shoes for firefighters – 8 000 pairs;</li> <li>10. Firefighter’s helmet – 5000 pcs;</li> <li>11. Helmets for rescuers - 5000 pcs;</li> <li>12. Firefighter’s gloves – 11 000 pairs;</li> <li>13. Protective gloves for rescuers – 21 000 pairs;</li> <li>14. Firefighter’s hood – 15 000 pcs;</li> <li>15. Diving dry suit – 60 pcs;</li> <li>16. Diving wet suit – 60 pcs;</li> <li>17. Diving equipment with open-circuit gear – 60 sets;</li> <li>18. Hose diving equipment Kirby Morgan type– 5 sets.</li> <li>19 Safety goggles for rescuers - 20,000 pieces;</li> <li>20 Backpacks for rescuers with a capacity of 75 liters - 20,000 pieces;</li> </ol>
5.	<b>Means of communication</b>	<ol style="list-style-type: none"> <li>1. Motorola SLR 4 Series (VHF) repeaters (kits) — 23 pcs, Motorola SLR 4 Series (UHF) — 267 pcs.;</li> <li>2. Motorola DM 4 Series (VHF) Stationary Radios (Kits) — 129 pcs., DM 4th series (UHF) — 1234 pcs.;</li> <li>3. Motorola DM 4 Series Car Radio (Kits, GPS Antenna, Car Antenna) with GPS Tracker (VHF) — 691 pcs., Motorola DM 4 Series with GPS Tracker (UHF) — 5637 pcs.;</li> <li>4. Motorola DP 4 Series Handheld Radios (Kits, with Headset and Extra Rechargeable Batteries) with GPS Tracker (VHF) — 212 pcs. Motorola, DP 4 Series with GPS Tracker (VHF) — 1000 pcs. Motorola, DP 4 Series with GPS Tracker (UHF) — 465 pcs. Motorola, DP 4 Series with GPS Tracker (UHF) — 11000 pcs,</li> <li>5. Portable Motorola TETRA (kits, with headset and additional rechargeable batteries) MTP 3rd series with GPS-tracker — 1000 pcs.;</li> <li>6. AES 256 encryption algorithm activation key — 20 658 pcs.</li> </ol>

		<p><b>7. Satellite communication facilities:</b></p> <p>7.1. Mobile set of satellite communication (Eutelsat KA-SAT 9A 9.0 ° E satellite) – 10 sets;</p> <p>7.2. Iridium Extreme 9575 satellite communication terminal with starter pack and voucher for top-up (600 minutes) — 25 sets.</p>
6.	<b>Medical supplies</b>	<p>1. Dressings: sterile, non-sterile bandages of various sizes, individual dressing packages, bandages, etc.</p> <p>2. Medicines: hemostatic, analgesic, anti-inflammatory, antibiotics, antiviral, antifungal, infusion solutions, symptomatic drugs for treatment of SARI symptoms.</p> <p>3. Temporary hemorrhage control: tourniquets, garrots, pressure bandages with hemostatic.</p> <p>4. Means for evacuation and transportation of the wounded: frameless stretchers, solid stretchers, compound stretchers - picks.</p> <p>5. Medical products: immobilization soft splints (splat type), cervical collars, thermal blankets, occlusive bandages with a valve, a film-valve for cardiopulmonary resuscitation, nasopharyngeal prongs, medical gloves (various sizes), medical bags (for a doctor/paramedic).</p> <p>6. Individual medical kits.</p>
7.	<b>Software</b>	<p>1. Firewalls Cisco Firepower NGFW - 55 pcs.;</p> <p>2. Nessus Professional Network Scanner;</p> <p>3. Burp suite professional vulnerability scanning platform;</p> <p>4. Siem platform ArcSight Enterprise Security Manager or Splunk enterprise security siem;</p> <p>5. Access to the VMware Cloud Foundation cloud platform to deploy servers with a capacity of 256 GB of RAM, 30 TB of SSD hard drive and 88 processor cores;</p> <p>6. Cloud file storage with a capacity of 50 TB or more;</p> <p>7. Microsoft Office 365 for Business licenses to connect 500 workspaces;</p> <p>8. Access to Adobe Creative Cloud products - 3 pcs;</p> <p>9. Firewall with the ability to detect vulnerabilities in traffic, filter traffic by geographical features, decrypt https traffic (for example, Kerio Control or other) - 55 pcs.</p>