

**LIST**  
**of existing priority needs**  
**of the State Emergency Service in connection with the Russian invasion**

№	Category	List of required materials/equipment and services (type and quantity)
1.	Vehicles	<p><u>Hoisting/lifting vehicles:</u>  1. Truck crane with a lifting capacity of at least 50 tons — 10 units.;  2. Front-end loaders (3 - 5 cubic meters) – 10 units.;</p> <p><u>Earthmoving and road laying vehicles:</u>  3. Tracked bulldozer (20 - 40 tons) — 10 units.;  4. Pneumatic wheeled excavator (type JCB 4CX)— 10 units.;</p> <p><u>Special emergency rescue vehicles of various types:</u>  5. 4x4 cross-country vehicles for transportation of 6-7 people and emergency equipment (Volkswagen Crafter DC type) - 30 pcs.;</p> <p><u>Machinery to ensure demining of various types:</u>  6. Machine for mechanical demining of the terrain with remote control (type MV-10, Minewolf or Bazena) - 6 pcs.;</p> <p><u>Means for radiation and chemical reconnaissance, protection and control of various types:</u>  7. Special radiation and chemical reconnaissance vehicle - 31 units.;  8. Special laboratory control vehicle - 11 units.;  9. Special decontamination vehicle - 25 units.;</p> <p><u>Means to conduct the diving operations:</u>  10. Container diving complex - 5 pcs;  11. Special emergency diving stations of heavy type mounted on passenger trucks and trucks with wheel formula 4x4 - 5 pcs;  12. Special emergency diving stations of light type mounted on passenger cars with wheel formula 4x2, 4x4 - 15 pcs.;</p> <p><u>Wheeled motor vehicles:</u>  13. Saddle tractor with a trawl with a permissible mass of a road train of up to 100 tons — 10 units.;  14. Mobile task force vehicles – 10 units.;  15. 4WD truck with a lifting capacity of at least 20 tons - 20 units.;  16. Vehicles for mechanized clearance of construction waste – 20 pcs.  17. Saddle tractors with a curtain-type semi-trailer - 20 units.  18. Buses with the number of seats for 40-50 persons - 20 units.  19. Two-section fuel tanker truck with capacity of 8m<sup>3</sup> - 25 units.  20. Pickup 4x4 (for transportation of 4 - 5 people and equipment) - 30 pcs.</p>
2.	Special Facilities and Equipment	<p><u>Means for demining:</u>  1. Means of searching for explosive objects at a depth of up to 0.6 m - 107 units.;  2. Means of searching for explosive objects at a depth of</p>

		<p>up to 3 m - 80 units.;</p> <p>3. Means of searching for explosive objects at a depth of up to 6 m - 80 units.;</p> <p>4. Underwater metal detector - 11 units.;</p> <p><u>Compressor aids:</u></p> <p>5. Compressor with a working pressure of 300 bar with a kit of spare parts (to fill cylinders with compressed air) - 200 pcs.;</p> <p><u>Electrotechnical aids:</u></p> <p>6. Diesel power generator with cable network (not less than 400 kW) - 50 pcs.;</p> <p>7. Diesel power generator with cable network (100 - 150 kW.) - 20 pcs.;</p> <p>8. Light mast - 30 units.;</p> <p><u>Firefighting technical equipment:</u></p> <p>9. Fire pressure hoses Ø32 mm type T - 5 000 m;</p> <p>10. Fire pressure hoses Ø51 mm of type T - 20 000 m;</p> <p>11. Fire pressure hoses Ø77 mm of type T - 30 000 m;</p> <p>12. Fire nozzle - 500 pcs.;</p> <p>13. Thermal imager for firefighters - 20 pcs.;</p> <p><u>Pumping equipment:</u></p> <p>14. Motor pump (capacity not less than 2000 l/min) - 30 pcs.;</p> <p>15. Pumping station with a set of hoses (capacity not less than 6000 l/min.) - 85 units.;</p> <p>16. Motor pumps with a set of hoses (capacity not less than 600 l/min.) - 60 units.;</p> <p><u>Means of water extraction:</u></p> <p>17. Filtering stations with tanks for storage of clean and contaminated water, sets with consumables and reagents (capacity not less than 10 000 l./day) - 40 sets.</p> <p><u>Emergency and rescue means:</u></p> <p>18. Hydraulic and pneumatic rescue equipment (decompressors, scissors, jacks), –300 sets;</p> <p>19. Electrical equipment on batteries (perforators, bumpers, disk grinders, concrete cutters) – 300 sets;</p> <p><u>Watercrafts:</u></p> <p>20. Inflatable boat with an engine (for 5-6 people) - 50 pcs.;</p> <p><u>Means for firefighting:</u></p> <p>Foaming agent – 300 tons.</p>
3.	<b>Infrastructure, construction and renovation works, temporary</b>	<p>1. Field camp with autonomous life support units to accommodate 250 - 300 people, vehicle mounted for the sake of transportation - 55 units.;</p> <p>2. Mobile catering station for staff (250+ people), modular-container</p>

		<p>type, vehicle mounted - 35 units.;</p> <p>3. Mobile infirmary and washing station for personnel (250+ people), vehicle mounted modular-container type — 35 units.;</p> <p>4. Tanker trucks for drinking water supply not less than 6000 l - 25 units.</p> <p>5. Liquid fuel mobile heaters for indirect heating of rooms - 30 pcs.;</p>
<b>4.</b>	<b>Gear and Personal Protective Equipment</b>	<p>1. Body armor (equivalent to armor protection type III or IV, NIJ standard) – 14 190 pcs.;</p> <p>2. Armored helmet (1A protection class) - 5 190 pcs.;</p> <p>3. Explosion-proof suit (<i>type EOD - 9</i>) - 13 pcs.;</p> <p>4. Compressed air breathing apparatus 300 bar – 3 000 pcs.;</p> <p>5. Individual dosimeters — 31 000 pcs.;</p> <p>6. Filter gas masks with combined filter – 45 000 pcs.;</p> <p>7. Light chemical protection suits - 50 000 pcs.;</p> <p>8. Special protective clothing for a firefighter with appropriate gear – 4 000 sets;</p> <p>9. Special firefighter boots – 5 000 pairs;</p> <p>10. Firefighter helmet – 3 000 pcs.;</p> <p>11. Rescuer helmet – 4 000 pcs.;</p> <p>12. Firefighter gloves – 8 000 pairs;</p> <p>13. Rescuer protective gloves – 16 000 pairs;</p> <p>14. Firefighter's helmet underlay (fire hood) – 11 000 pcs.;</p> <p>15. Dry-type diving suit - 60 pcs.;</p> <p>16. Wet-type diving suit - 60 pcs.;</p> <p>17. Diving equipment with an open breathing scheme - 60 sets;</p> <p>18. Hose diving equipment of Kirby Morgan type - 5 sets.</p> <p>19. Safety glasses for rescuers - 20 000 pcs.;</p> <p>20. Backpacks for rescuers with a volume of 75 liters – 20 000 pcs.;</p>
<b>5.</b>	<b>Means of communication</b>	<p><u>Stationary means of radio communication:</u></p> <p>1. Motorola SLR 4 Series (VHF) repeaters (kits) — 23 pcs, Motorola SLR 4 Series (UHF) — 267 pcs.;</p> <p>2. Motorola DM 4 Series (VHF) Stationary Radios (Kits) — 129 pcs., DM 4th series (UHF) — 1 234 pcs.;</p> <p><u>Vehicle mounted radiocommunication equipment:</u></p> <p>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) — 5 637 pcs.;</p> <p><u>Portable means of radio communication:</u></p> <p>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) — 11 000 pcs. ;</p> <p>5. Portable Motorola TETRA (kits, with headset and additional rechargeable batteries) MTP 3rd series with GPS-tracker — 1 000 pcs.;</p> <p><u>Satellite communication:</u></p> <p>6. Mobile satellite communication kit (Eutelsat KA-SAT 9A 9.0 ° E satellite) – 10 sets;</p> <p>7. Iridium Extreme 9575 satellite terminal with a starter pack and</p>

		<p>balance replenishment voucher (600 minutes) – 25 sets.</p> <p><u>Communication software:</u></p> <p>8. AES 256 encryption algorithm activation key — 20 658 pcs.</p>
6.	<b>Medical supplies</b>	<ol style="list-style-type: none"> <li>1. Dressing: sterile, non-sterile dressings of various sizes, individual dressing packages, bandages, etc.</li> <li>2. Medicines: haemostatic, analgesic, anti-inflammatory, antibiotics, antiviral, antifungal, infusion solutions, symptomatic drugs for treatment of SARI symptoms.</li> <li>3. Temporary hemorrhage control: tourniquets, garrots, pressure bandages with hemostatic.</li> <li>4. Means for evacuation and transportation of the wounded: frameless stretchers, solid stretchers, compound stretchers - picks.</li> <li>5. Medical devices: 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).</li> <li>6. Individual medical kits.</li> </ol>
7.	<b>Software</b>	<p><u>Network software (SW):</u></p> <ol style="list-style-type: none"> <li>1. Firewalls Cisco Firepower NGFW - 55 pcs.;</li> <li>2. Nessus Professional Network Scanner,</li> <li>3. Burp suite professional vulnerability scanning platform</li> <li>4. 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.</li> <li>5. SIEM Platform ArcSight Enterprise Security Manager or Splunk Enterprise Security SIEM;</li> </ol> <p><u>Cloud storage services:</u></p> <ol style="list-style-type: none"> <li>6. 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;</li> <li>7. Cloud file storage with a capacity of 50 TB or more</li> </ol> <p><u>Office software:</u></p> <ol style="list-style-type: none"> <li>8. Microsoft Office 365 for Business licenses for 500 workstations;</li> <li>9. Access to Adobe Creative Cloud products - 3 pcs;</li> </ol>