LOT 2 FLOOD INTERVENTION EQUIPMENT

| *ANNEX II + III :* TECHNICAL SPECIFICATIONS + TECHNICAL OFFER  Contract title : Procurement equipments (Supply)  p 1 /…  Publication reference : RORS 283/8/4 eMS  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  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, 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 offeredspecifications.  Any mentions regarding a trade mark, brand, model or standard is only for a proper and issyier identification of product requirements, and should be understand as followed by phrase “or equivalent”. | | | | |
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| **Item Number** | **Specifications Required** | **Specifications Offered** | **Notes, remarks,  ref to documentation** | **Evaluation Committee’s notes** |
|  | **Dirty water pumps – 5 PIECES**  Power [CP]: Minimum 5.5 Ignition system: electronic Air filter: yes; Oil missing sensor: yes Fuel: petrol Self-service with a tank Minimum 1,5 hours Starting: mechanical starter  Maximum discharge height: Minimum 25 m Suction depth: Minimum 6 m Flow rate: Minimum 60 m³ / h (1000 l / min) Diameter of solid bodies in suspension: Minimum 20 mm Mechanical seal: carbon / ceramic Starting system: mechanical / electrical starter Weight: Maximum 50 kg Field of application of the infiltrated water, sewage and industrial sewage with suspended solids  STANDARD EQUIPMENT - suction hose at least 4m - Fast connection type at the pump outlet – for fast connecting the hose described below |  |  |  |
|  | **Repression hose with connections – 200 pieces**   1. DESTINATION:   The discharge hose with connections is intended for machines and equipment for Romanian firefighters.  2. CERTIFICATION. APPROVAL  2.1.1 Only products that meet the following requirements will be accepted:  -are certified, according to the provisions of OMAI no.88 / 2012 regarding the approval of the Methodology for certification of conformity in order to introduce on the market the technical means for fire protection,  Or  - are notified, according to art.13, paragraph (2) of the annex to OMAI 88/2012 regarding the approval of the Methodology for certification of conformity in order to place on the market the technical means for fire protection  3. QUALITY ASSURANCE: The manufacturer must have implemented a quality system in accordance with a standard in the SR EN ISO 9001: 2015 series or equivalent.  4. TECHNICAL CHARACTERISTICS FOR HOSE  4.1. The hose must be flattened, made of rubberized textile material, with a rubber thickness of min. 1 mm, the section of which becomes circular only under internal pressure, and in the unfilled state, it can be folded and rolled flat.  4.2. Inner diameter and hose length   1. **for hose TYPE B** - **100 pcs** Length (m): 20 ± 1 m   Inner diameter 76 mm (+ 1.0; - 0.5 mm)  Resistance to test pressure - minimum 25 bar,  Resistance to breaking pressure - minimum 40 bar   1. **for hose TYPE C** - **100 pcs**   Length (m): 20 ± 1 m  Inner diameter 52 mm (+ 1.0; - 0.5 mm)  Resistance to test pressure - minimum 30 bar,  Resistance to breaking pressure - minimum 50 bar  5. TECHNICAL CHARACTERISTICS FOR DISCHARGE CONNECTIONS  5.1. The connections must be according to SR 7003/2009 or equivalent  5.2. The connections must meet the requirements for verification of the quality conditions imposed in accordance with SR 5770/2009 or equivalent.  6. DELIVERY  The document that will be presented upon delivery, must contain the following informations:  - manufacturer's mark, product name,  - for hose: length (in meters), nominal inside diameter (in millimeters), date of manufacture (year, month, day), SR 2164 or equivalent;  - for connections: the number of the size standard corresponding to the type of connection;  - the quality certification document with the storage warranty period established by the contract |  |  |  |
|  | **Electropump for discharging dirty water (submersible pumps) – 5 pieces**  Working voltage 220 V - 240 V Power (CP) Minimum 1.5 CP Electric power (KW) Minimum 1.1 kW Flow Minimum 30 m³ / h (500 l / min) Degree of protection Minimum IP X8 Minimum pumping height Minimum 12 m Diameter of solid bodies in suspension: Minimum 13 mm Power cord lengths (cable) minimum 10 m Weight Max 25 kg Thermal protection  Field of application of the infiltrated water, sewage and industrial sewage with suspended solids  STANDARD EQUIPMENT  - Float switch - hose for discharging water  - polyester cord or other resistant material for inserting / removing the pump from the submerged environments - at least 15 m |  |  |  |
|  | **Power generator – 5 pieces**  working voltage: 230V Minimum power Minimum 3.0 kw frequency: 50Hz Fuel: petrol/diesel Autonomy with full tank capacity at maximum capacity: minimum 10 hours Starting system: Electric and/or mechanical Air filter: yes Oil missing sensor: yes Socket Number Minimum 2 Noise level up to 99 dB Protection class Minimum IP44 Protection: Thermal protection Voltage stability system Oil pressure loss Weight Maximum 100 kg Scope of use: for general use  STANDARD FEATURES - Voltage stabilizer (AVR) - Hour meter and/or Voltmeter and/or Frequency meter - a wheelchair and folding handle system if it exceeds 50 kg - The spark stopper. - Tank with fuel level indicator |  |  |  |
|  | **Current extension drum – 5 pieces**  Coil cable (min 3 x 2.5mm), copper conductor, minimum 40 m rubber length (for 230V), 230V CEE wired connector and min. 3 Schuko 230V coils on coil |  |  |  |
|  | **Projectors for zone lightning, with tripod – 5 pieces**  **Tripod**  Height adjustable stand: maximum 800 mm In extended position: minimum 1400 mm Weight: maximum 4 kg (without projectors) Material type: metallic, corrosion protected Usage direction: inside and outside. Provided with at least two projectors.  **PROJECTOR**  Name LED lights Power (W) min. 30W – max 100W (on projector assembly) Power supply 220V - 240V AC Frequency 50 Hz Luminous flux (Lm) minim: 3500 Lm Color temperature > 4000 K Cable length minimum 2 m with Schuco connector.  Degree of protection: minimum IP65 Lifetime: minimum 20000 hours Ra> 70 External use destination Optional manual switch **SUPPLEMENTARY REQUIREMENTS** - The construction of the tripod and the projectors must allow the direction of light at 360 degrees and the possibility of fastening in the desired area of illumination of the area - The assembly should be designed in such a way as to avoid the risk of overturning - The set should allow it to be easily handled by anyone safely, even in unfavorable meteorological weather (wind, rain, snow, etc.) |  |  |  |
|  | **Canister Gasoline – 10 pieces**  RAR approved canister for fuel transport  Capacity – min 10 litres |  |  |  |

Note: All equipment in the batch (for lighting or water drainage) must be able to be connected to each other. For example: the current generator ensures the working of the tripod-mounted reflectors to illuminate the intervention area, but also provides the supply of a submersible pump to which the discharge hoses are connected to discharge the water at a great distance. All the equipment will be delivered ready for function.