# *ANNEX II + III:* TECHNICAL SPECIFICATIONS + TECHNICAL OFFER

**Contract title: Supply of Other specific equipment -**Special protective gear, full package of winter and summer gear**: p 1 /…**

**Publication reference:** <05-189/2 from 27.10.2022>

**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.

**Purchase of Special terrain vehicle with integrated pump and forest fire extinguisher for inaccessible areas**

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| --- | --- | --- | --- | --- |
| **1.****Item number** | **2.****Specifications required** | **3.****Specifications offered** | **4.** **Notes, remarks, ref to documentation** | **5.****Evaluation committee’s notes**  |
| **1.** | * **Vehicle**
* **Pickup undercover**
* 1 Engine Gasoline four-stroke engine with a minimum power of 10KW, which has a working volume of minimum 450cm3 to maximum 800cm3 Cooling system - with air cooling with a fan (fin). Maximum weight of the engine, water tank, foam and metal construction does not exceed 260 kg. Gasoline tank of at least 8 liters is provided. Starting - manually with the help of a rope and auxiliary starting with an electric starter 12V (volts) - separate and minimum 13Ah battery. 2 High pressure pump High pressure pump with mechanical protection against overheating and overpressure. The capacity of the pump-minimum 42 liters per minute at 100 bars. The inlet of the pump for suction from the tank-with Ø from 1 ʺ ¼. The suction hose from the water tank made of PVC with a metal core as reinforcement. The suction inlet from an external source - with a minimum dimension of Ø¾ʺ. The pump outlets - a minimum dimension of Ø⅜ʺ. The pump is able to suck water from an external source, and it is intended for that equipped with a suction hose with a minimum length of 6 meters, this hose is made of PVC with a PVC core as reinforcement. 3 FOAM MIXER AND TANK Manually setting the percentage of foam from 0.1 to 6%. Mixing system: input of foam directly into the pump. The system is completely independent of the influence of pressure dynamics from the load. The mixing system enables a precise mixing ratio, regardless of the length of the hose up to 200 meters. Foam tank min. 30 liters made of composite material with glass fibers and Kevlar reinforcement, equipped with a filling hole and a discharge-drainage hole. 4 Water tank Due to the limited carrying capacity of the vehicle, the water tank is made of composite material with glass fibers and Kevlar reinforcement. Capacity from a minimum of 320 liters to a maximum of 450 liters. The tank has: a main opening for filling and visual control with a minimum dimension of 300 mm, an overflow drain, a water level indicator and a discharge-drainage opening with a 1/2" opening. 5 Control dashboard Located in the back of the vehicle, to enable full control of the system, the command-manual igi contains at least the following components: - High pressure manometer with a minimum measuring range of 0-160bar, possibility to adjust the working pressure - Foam dosing command from 0 ,1 to 6%-Valve commanddelivery high pressure coil-Valve command-free delivery Gas regulation-fully automatic, depending on system load and set pressure 6 HOSE CARRIER (WINCH) AND HOSE The high-pressure hose and hose (winch) carrier consists of the following: - Hose reel, with winding handle and reel brake - Highpressure hose with double reinforcement of woven metal cover, high-pressure minimum 320 bar, length of 50m, with swivel water connection, - hose guide, -The hose is kept folded on the winch when not in use.-Inner diameter minimum 11mm, with quick couplings for easy mounting, for quick and efficient operation with it. 7 NOZZLESPRAY GUN Gun nozzle/sprayer is easy to use and can be used directly in the water/foam combination, without a special foam attachment. The nozzle can emit a minimum of four types of jet: - Full jet -Scattered jet -A jet in the form of a blade - Foam jet The nozzle is equipped with: - Release handle with safety brake -Flow regulation, made possible by the selected jet model - Diffuser The maximum flow of the nozzle - 45l/min. Maximum pressure not less than 350bar. The performance of the nozzle in combination with the offered pump and motor: Full jet: minimum range of 19 meters Sprayed jet: minimum range of 11 meters Foam jet minimum range of 10 meters Maximum length - no greater of 650 mm and weight no greater than 2600 g 8 SYSTEM WEIGHT The entire system with all the elements that are built into it and a full tank of water/foam/fuel, not heavier than 610 kg. Due to the dimensions of the cargo space that the vehicle has, the entire system must have dimensions no larger than: - width 125 centimeters, - length 127 centimeters and - height of 100 centimeters. Has the possibility of easy mounting and dismounting of vehicles. greater than 2600g
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