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

**Contract title: Procurement of Fire truck and Firefighting equipment for project STOP FIRES**

**p 1 /…**

**Publication reference:** **HUSRB/23R/11/086–5.1.1-5.1.2**

**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.

**General Requirements**

• All requirements stated and outlined in this document must be regarded as mandatory and the minimum acceptable criteria. All requirements outlined in this document are accompanied by the phrase "or equivalent".

• The tenderer is required to provide the specifications of the offered items in the Technical Offer, including details such as the manufacturer, product type, model, and country of origin. All documentation must be provided in English or Serbian, both in hardcopy and electronic formats.

• The selected contractor is required to provide all necessary documentation for the registration of the completed vehicle in accordance with the relevant legal regulations in the Republic of Serbia. This includes the Certificate from the Agency for Traffic Safety confirming the vehicle examination, as well as the technical inspection registration sheet, which is required for further vehicle registration.

| **1.**  **Item number** | **2.**  **Specifications required** | **3.**  **Specifications offered** | **4.**  **Notes, remarks,  ref to documentation** | **5.**  **Evaluation committee’s notes** |
| --- | --- | --- | --- | --- |
| **1** | **Fire truck, Quantity: 1 Unit** |  |  |  |
|  | **Required technical characteristics:**  - Terrain pick-up 4x4 crew cab vehicle  - Min. 5 seats  - 4 doors  - Air-condition  - The steering wheel on the left side, power steering. Multifunctional power steering, height and depth adjustable  - Gearbox: automatic, min. 6+1 (reverse) speed  - Drive configuration: 4x4  - Emission control: min. EURO 6  - Engine displacement: min. 1800 cm3  - Fuel type: Euro Diesel  - Engine power: min. 110 KW  - Wheelbase: min. 3100 mm  - Braking and safety system: ABS , Adaptive cruise control, front and rear pariking sensors, systems for active traction control, vehicle stability control and uphill assistance  - Airbags for the driver and the co-driver  - Pneumatics: All terrain, min. R18”; Wheels min. R18”; Material: aluminium  - Clearance: min. 230 mm  - Fuel tank capacity: min. 70l  - Safety belts for all seats  - Tools, cranes  - Multimedia: with Aux and USB port, Bluetooth support and rear parking camera  - Spare tire (in the size of a tire on a vehicle)  - Winch installed inside front bumper  - Engine and transmission steel guard  **High Pressure Fire Fighting Unit**  - Pump: min. 120 Bar  - Engine: Petrol, Electric and Manual Starter  - Foam Dosage: Adjustable  - Water Tank: min. 300 Liters, Stainless Steel  - Foam Tank: min. 20 Liters, Stainless Steel  - Hose Reel & Hose: Manual, Stainless Steel, HP Hose min. 35m  - Extinguishing Gun: Firegun  - Water Suction Hose with Filter, min. 4m |  |  |  |
| **2.** | **Motor pump for water, 1 pcs** |  |  |  |
|  | **Required technical characteristics:**  - 4-stroke engine,  - min. flow of 60 cubic meters per hour |  |  |  |
| **3.** | **Firefighting nozzles, 2 pcs** |  |  |  |
|  | **Required technical characteristics:**  - Nozzles: min. 100-400 liter, 52mm |  |  |  |
| **4.** | **Firefighter backpacks, 10 pcs** |  |  |  |
|  | **Required technical characteristics:**  - Firefighter backpack set with class A pump, TYPE 1  - min. 25 liter volume |  |  |  |
| **5.** | **Fire swatters, 10 pcs** |  |  |  |
|  | **Required technical characteristics:**  - Fire swatters: min. lenght 200cm |  |  |  |
| **6.** | **Fire hoses Ø110, 5 pcs** |  |  |  |
|  | **Required technical characteristics:**  - Ø110  - max. 12 bar pressure  - length: min. 15m |  |  |  |
| **7.** | **Fire hoses Ø75, 3 pcs** |  |  |  |
|  | **Required technical characteristics:**  - Ø75  - max. 15 bar pressure  - length: min. 15m |  |  |  |
| **8.** | **Fire hoses Ø52, 15 pcs** |  |  |  |
|  | **Required technical characteristics:**  - Ø52  - max. 15 bar pressure  - length: min. 15m |  |  |  |
| **9.** | **Fire hoses Ø25, 15 pcs** |  |  |  |
|  | **Required technical characteristics:**  - Ø25  - max. 15 bar pressure  - length: min. 15m |  |  |  |
| **10.** | **Reducer fi 52/fi 25, 4 pcs** |  |  |  |
|  | **Required technical characteristics:**  - Clutch reducer  - Storz C to D  - Double rubber sealing |  |  |  |
| **11.** | **Reducer fi 110/fi 75, 1 pcs** |  |  |  |
|  | **Required technical characteristics:**  - Clutch reducer  - Storz A to B  - Double rubber sealing |  |  |  |
| **12.** | **Rechargeable head lamps with charger, 6 pcs** |  |  |  |
|  | **Required technical characteristics:**  - Min. 120 lm |  |  |  |
| **13.** | **Rechargeable led hand lamps with charger, 1 pcs** |  |  |  |
|  | **Required technical characteristics:**  - Min. 400 lm |  |  |  |
| **14.** | **Fire protection suit for forest fires, 6 pcs** |  |  |  |
|  | **Required technical characteristics:**  - Material: NOMEX or equivalent  - Standard EN469 |  |  |  |
| **15.** | **Protective firefighting boots without shoelaces, 6 pcs** |  |  |  |
|  | **Required technical characteristics:**  - Heat resistant up to 300c for 1 min.  - EN ISO 20345  - EN ISO 17249 |  |  |  |
| **16.** | **Protective firefighting gloves, 6 pcs** |  |  |  |
|  | **Required technical characteristics:**  - EN ISO 659  - EN ISO 388 |  |  |  |
| **17.** | **Protective firefighting helmets, 6 pcs** |  |  |  |
|  | **Required technical characteristics:**  - PAB MP1 standard |  |  |  |
| **18.** | **Hydrant keys small hoses ABC, 5 pcs** |  |  |  |
|  | **Required technical characteristics:**  - Hydrant keys ABC for fi52, fi75 and fi110 |  |  |  |
| **19.** | **Above-ground hydrant cabinet – with equipment, 2 pcs** |  |  |  |
|  | **Required technical characteristics:**  Above-ground hydrant cabinet with basic set of equipment:  - Two hose fi52, min. 15m  - Two nozzle fi52, key C  - Key for overhead hydrant |  |  |  |
| **20.** | **Wall hydrant cabinet with equipment, 1 pcs** |  |  |  |
|  | **Required technical characteristics:**  Wall hydrant cabinet with basic set of equipment:  - Hose fi52, min. 15m,  - Nozzle fi52  - Valve fi52 |  |  |  |

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| **All items** | **Delivery** of all items to following address: MAJŠANSKI PUT 145. JP VOJVODINAŠUME, ŠUMSKA UPRAVA SUBOTICA, REPUBLIC OF SERBIA. |  |  |  |
| **All items** | **Testing** of all basic functions of the instrument on a set of producers standard samples commonly used for the corresponding instrument.  Installed equipment must be tested as system, compatible with existing system. |  |  |  |
| **All items** | Technical documentation for equipment (Operating manuals/ Users Guide/ Equipment operating instructions/ Cleaning procedures/ Maintenance procedures/ Calibration procedures) upon delivery. |  |  |  |
| **All items** | **Warranty**  Warranty period 365 days from the issuance of PAC (Provisional Acceptance Certificate) in accordance with article 32 SC and GC of the Contract. Offer must include warranty service description including:   * Service organisation contact data including name, postal address, telephone number, fax number and e-mail address; * Guaranteed that any requests for services will be attended to within 48 hours; * Guarantee that all items can be repaired or alternatively replaced within a maximum of 7 days; * Letter of confirmation that genuine spare parts and consumables will be available for a period of minimum 3 years from the date of final acceptance of the equipment. |  |  |  |
| **All items** | **Commercial warranty**  365 days from the issuance of FAC (Final Acceptance Certificate) in accordance with the conditions laid down in Article 32 of the General Conditions and Article 33 of the Special Conditions.  Detailed description of the organisation of the proposed service and description of the Manufacturer’s commercial warranty shall be included in the offer. |  |  |  |