# ANNEX II + III: TECHNICAL SPECIFICATIONS + TECHNICAL OFFER

Contract title: Supply of “Purchase of Fire Fighting Vehicle 4x4 2.600 Liters” – in the frame of the “Fireprep” project.

Publication reference: Interreg IPA CBC PROGRAMME, Greece – Albania 2014-2020/ “Fireprep” / Prot. No.4778, Order.No.49,date 06.10.2020

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 offered specifications.

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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** | Emissions EURO 6D |  |  |  |
|  | Condition New |  |  |  |
|  | Production year 2020 and after |  |  |  |
|  | Water deposit 2600 litres |  |  |  |
|  | Drive 4x4 |  |  |  |
|  | Cabin 6 (2+4) seats |  |  |  |
|  | Total weight 11-14 T |  |  |  |
|  | Signaling All |  |  |  |
|  | Standard equipment Audio/figure/radio equipment/radio forwarding agents |  |  |  |
|  | Ground clearance >= 350 mm |  |  |  |
|  | Equipment This vehicle will be equipped with standard’s equipment as well as with all the necessary tools to assure the operation functionalities  |  |  |  |
|  | Vehicle 4x4 firefighter vehicle 2600 liters |  |  |  |
|  |  CHASSIS WILL BE PROVIDED BY ORDERING PARTY |  |  |  |
|  | MODEL 4x4 /DOUBLE CABIN |  |  |  |
|  | GVW 5000 – 5600 kg |  |  |  |
|  | WHEELBASE 3400-3700 mm  |  |  |  |
|  | AXLE CONFIG. 4x4 |  |  |  |
|  | PTO Including |  |  |  |
|  | **DRIVE HAND** Left Hand |  |  |  |
|  | **ENGINE POWER At least 240 HP** |  |  |  |
|  | **GEARBOX TYPE 6 SPEED + PTO GVW GROSS VEHICLE** |  |  |  |
|  | **TYRES European Standard https://ec.europa.eu/info/energy-climate-change-environment/standards-tools-and-labels/products-labelling-rules-and-requirements/energy-label-and-ecodesign/energy-efficient-products/tyres\_en** |  |  |  |
|  | **WEIGHT 11-14 T** |  |  |  |
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|  | SUBFRAME | * The firefighting superstructure will be mounted onto a sub frame.
* The mounting will be done by suitable apparatus and there will be no welding between the main chassis and subframe
* The subframe will be manufactured from at least 5.5 -6.5 mm st.52 carbon steel;
* Subframe will be covered by galvanized material in order to prevent corrosion
 |  |  |  |
|  | BODYWORK | * Vehicle Bodywork will be manufactured by box type steel profile
* The skeleton of the Superstructure, walls of lockers and floor of the lockers will be steel constructions
* Main Connection Materials will be rust-proof .
* A climbing ladder will be provided at the rear side of the Vehicle. Ladder will be aluminum and it will be folded type.
* Equipment Lockers will have Aluminum Roller Shutters which can be locked.
* All the Electrical Cables will be layed through the cable channels on the profiles.
 |  |  |  |
|  | WATER TUNK | 2,600 liters/3.5 mm – 4.5 mm ST52 steel.* There will be vertical & horizontal baffle plates inside the water tank.
* 1 unit ø 450 mm manhole cover
* Fitted with 2 side filling inlets which are 1,5 inch instantenous couplings for fillings
* Overflow and ventilation be designed to minimize water loss
* 2 ½ ” drain plug
* Roof covered by non-slip material
* Strainer to protect the pump
* Electronic tank level gauge
* Water Tank will be located in the middle of the bodywork.
* Water Tank will be fixed to the subframe by ROPES and LOCKS in order to prevent vertical & horizontal motion of the tank
 |  |  |  |
|  | FOAM TANK  | * The capacity of the foam tank will be at least150 liters.
* The tank will be manufactured from 4 mm AISI 316l cr-ni Stainless Steel.
* 4” cover will be provided to fill the foam tank from the top
* Foam tank will have a 1,5” ventilation and overflow valve and 1” connection outlet for foam mixing and one tank drainage and cleaning valve will also be provided.
* The foam tank will be fixed with suitable flexible joint connections. The foam tank can be easily removed from the top without removing the lockers.
* All of the parts that have a connection with the foam tank will be cleanable and will be manufactured from corrosion resistant material.
 |  |  |  |
|  | FIRST AID HOSE REEL  | * There will be a hose reel at the pump compartment.
* The hose reel equipped with 1 x 35-45 m hose with gun.
* Hose will have at least 40 bar operation pressure
* The gun will have jetting & spraying functions.
* The operation of the hose reel will be manual & electrical
* A hose guide will be equipped on the reel to rewind the hose regularly
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|  | FIRE PUMP  | * Standartisation of CMA150, 1500lt/min /
 |  |  |  |
|  | ROOF MONITOR  | * Roof Monitor will be operated and controlled manually.
* Will have a capacity of at least 1.200 l/min under at least 10 bar pressure.
* Will have a nozzle which is suitable for both Jetting & Spraying functions.
* Body of Roof monitor will be aluminum.
* Roof Monitor will have a movement ability of 360° horizontally and at least -15°+75° in vertical line.
* Roof Monitor will have throwing distance at least 55 m for water jetting under normal weather conditions.
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|  | TOP LAMP | * Led type lamps
* 12 VDC or 24 VDC operation
* Red/red
* With PAS ( Public Address System)
* 4 different sound system – up to 100 watt capacity- mounted on the chassis cab, complete with special loudspeaker in the cab
 |  |  |  |
|  | ELECTRICAL İNSTALLATİON | * Monolithic İllumination Lamp on left side
* Monolithic İllumination Lamp on Right Side
* At least 6 x Blue Flashing Light on On Left Side
* At least 6 x Blue Flashing Light on Right Side
* At least 1 x İllumination Lamp on Rear
* At least 2 x Blue Flashing Light on Rear
* Signal Lamps are available at the rear
* At least 2 x Blue Flashing Light at front Side of the Vehicle
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|  | PAINTING  | * Bodywork: RAL 3000 (red)
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