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

**Contract title: Procurement of Bulldozer with ripper for project FIREGUARD**

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**Publication reference:** **RORS00061–LP–TD05**

**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 must provide the specifications of the offered items in the Technical Offer (Column 3.- Specifications offered), including details such as the manufacturer, product type, model and accurate characteristics of offered equipment for requested values. Additionally, the tenderer must submit brochures and catalogue documentation indicating the requested parameters of the vehicles offered.
* If in the document ANNEX II + III: TECHNICAL SPECIFICATIONS + TECHNICAL OFFER -Column 3 (Specifications offered), the tenderer only provide generic confirmations such as "yes", "compliant" or text copied directly from Column 2, the offer may not be considered, unless accompanied by supporting documentation (e.g., a product catalog or similar). Tenderers must provide comprehensive information to demonstrate that the offered product meets all required specifications. If the details provided in the offered specifications or supporting documentation differ from the required specifications listed in Column 2, the offer will be deemed non-compliant.
* 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.
* The Bidder is required to primarily submit a link to the brochure (catalog) from the manufacturer’s official global website as proof of product authenticity (the Contracting Authority will accept manufacturer’s catalogs in foreign languages), containing the technical specifications defined by the Contracting Authority in the tender documentation. The Bidder must also submit the original product catalog issued by the manufacturer.

If the official website (catalog) and the original manufacturer’s brochure do not contain all technical specifications required by the Contracting Authority, the Bidder may demonstrate compliance of the bulldozer with the required technical characteristics by submitting a manufacturer’s certificate. The Contracting Authority will verify this upon delivery of the machine and reserves the right to reject the machine if it does not meet the technical specifications required by the tender.

Note: Technical data published on the manufacturer’s official global website shall take precedence. In the event of discrepancies between the website, the original manufacturer’s brochure, or any submitted certificate, only the technical data from the official global website shall be considered valid.

| **1.**  **Item number** | **2.**  **Specifications required** | **3.**  **Specifications offered** | **4.**  **Notes, remarks,  ref to documentation** | **5.**  **Evaluation committee’s notes** |
| --- | --- | --- | --- | --- |
| **1** | **Bulldozer with ripper, Quantity: 1 Unit** | **Manufacturer’s name:**  **Product/type, model:** |  |  |
|  | **Required technical characteristics:**  **Vehicle characteristics**  - Operating weight from**13.500 to 14.500 kg,**delivered in required scope, with rippers  - Rated engine power ISO 9249 and SAE J1349: **from 90 to 100 kW,**  (must name the producer and the model of the engine) ;  - Number of cylinders of the diesel engine: **4**  - Eghaust emission standard: **EU Stage V**  - Engine displacement: **od 4000 do 5000 cm3**  - Hydrostatic power drive, undercarriage and working hydraulics  - Fuel tank: **min 300 l**  - AdBlue tank: **min 30 l**  - Maximum speed forward: **min** **10 km/h**  - Maximum speed reverse: **min 10 km/h**  - Track pad width: **from 550 to 600 mm**  - 6-way blade with inside mounted push frame, controlable from the cabin  - Control via joystick  - Blade width: **from 3100 to 3400 mm**  - Blade height: **from 1100 to 1200 mm**  - Blade capacity as per ISO 9246: **from 2,9 to 3,3 m3**  - Machine height: **from 2900 to 3200 mm**  - Clearance**: min 390 mm**  - Transport width with mounted blade and ripper: max 3.000 mm  - Mounted 3 shank ripper  - Maximum flow of the main hydraulic pump: min 90 l/min  - Maximum pressure of the main hydraulic pump: min 220 bar  - Maximum drawbar pull: min 215 kN  - Operating voltage: 24 V  - Operator sound exposure ISO 6396 LpA (in the cab): 75 dB  - Tilt cab, with integrated mechanism in the machine  - Proportional control via joystick  - Operator seat: Air suspended, adjustable  - Automatic air conditioning for cab  - Radio  - ROPS for cab  - FOPS for cab  - 4 front working lights  - 2 rear working lights  - Acoustic back up alarm  - Amber beacon on the cabin roof |  |  |  |

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| **All items** | **Delivery** of all items to following address: Forest Estate „Banat“ Pančevo, Republic of Serbia.  Successive delivery of vehicle: within 6 months. |  |  |  |
| **All items** | **Installation and testing** of all functions of the instrument, to manufacturers standard on samples commonly used for the corresponding instrument.  Installed equipment must be tested as system, compatible with existing system. |  |  |  |
| **All items** | **Training** for Commissioning and operator for minimum 3 Contracting Authority employees. |  |  |  |
| **All items** | **Labelling** Vehicle shall be visibly labelled as per EC visibility requirements (according to the latest Communication and Visibility Requirements for EU-funded external action, laid down and published by the European Commission website). Each vehicle must be marked with durable/UV resistant plastic stickers with above mentioned content. The selected bidder shall produce a draft layout for written approval by Contracting Authority prior to production. |  |  |  |
| **All items** | Technical documentation for equipment (Operating manuals/ Users Guide/ Equipment operating instructions/ Cleaning procedures/ Maintenance procedures/ Calibration procedures/ Spare part catalogue) 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. |  |  |  |

**<Signature of authorised representative of the legal entity >**

**< Name and position of authorised representative of the legal entity >**

**< Date >**