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

**Contract title: Supply of equipment: Tipper truck, Backhoe loader, Skid steer loader and Tractor with trailer**– LOT 1 and LOT 3 **p 1 /…**

**Publication reference:** **CB007.2.31.169 – TD05 -02**

**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.

| **1.**  **Item number** | **2.**  **Specifications required** | **3.**  **Specifications offered** | **4.**  **Notes, remarks,  ref to documentation** | **5.**  **Evaluation committee’s notes** |
| --- | --- | --- | --- | --- |
|  | **LOT 1: TIPPER TRUCK**  Vehicle basis – chassis  **Engine**   * Engine power: minimum 185 kW * Maximum torque: minimum 850 Nm * No of cylinders: 6 cylinders in line * Euro class engine: minimum EURO 5 * Fuel: Euro-diesel * Fuel filter heater * Engine cooling system: water * Operating capacity of the engine: maximum 6000 cm3   **Transmission**   * Manual, 9 synchronized gears + 1 reverse * Driving formula * 4х2 * Pneumatics * 12R22,5 (7 pieces) * **Color:** * Vehicle: white, * Chassis: black * **Cab** * Short, daily, 1+2 seat * Driver's seat with air suspension and safety belt and installed porter of breathing apparatus for respiratory protection at the seatbacks and headrests * Digital tachometer * Electric glass lifters * Tinted glass * Trip computer * Cruise control * Tipper cab   **Suspension:**   * Front and rear parabolic springs, telescopic hydraulic shock absorbers   **Braking system:**   * ABS   **Steering system**:   * Servo, adjustable per height and gradient   **Chassis dimensions**:   * Length: maximum 6500 mm * Wheelbase: 3600 - 3700 mm * The maximum permissible total weight: * 18000 kg   **Vehicle bodies/upgrades**   * Three-sided tipper superstructure with a volume of min 8 m³ * Tipper bucket reliance on the auxiliary chassis via the self-locking balls located on the auxiliary chassis * A 4 mm thick floor made of HARDOX 450 * Min 3 mm thick side profile made of C0563 or equivalent. * Tipper superstructure length min 4.100 mm * Tipper superstructure width min 2.300 mm * Tipper superstructure sides height min 800 mm * One-piece sides with the possibility of opening down * Lateral and rear tipping via swinging sides * The front side raised with the protection of the * cabin and space between the tipper and the vehicle cabin * Auxiliary chassis and tipper superstructure * connected by a steel safety cable * All steel surfaces of the crate sandblasted, * thoroughly painted and finally varnished in blue * Hydraulic installation drive via PTO on the transmission * Hydraulic pump min 40 l / min * Hydraulics working pressure min 160 bar * Tipper hydraulic valve with a flow of min 100 l / min * Hydraulic tipper installation with a telescopic cylinder, * The command lever for tipper moving positioned on the left side of the driver's seat * Tarpaulin for covering the cargo crate made of PVC tarpaulin material with a mechanism for covering and uncovering the crate. The tarpaulin should be fastened to the wind deflector (to prevent the air going under the tarpaulin when moving) |  |  |  |
|  | **LOT 3 SKID STEER LOADER**   * Factory new machine * Hydrostatic power transmission * Operating weight, min. 2300 kg * Engine power min. 35 kW * Engine emission level acc.to **EU STAGE V** * Displacement max 2,4 lit * Fuel tank min 50 lit * Max. speed, min. 12 km/h * Loader bucket capacity min. 0,35 m³ * Loading bucket PIN height min. 2780 mm * Dump height min. 2150 mm * Cab height max. 1980 mm * Overall length, bucket on the ground min. 3100 mm * Wheelbase min. 900 mm * Ground clearance min. 170 mm * Width over tyres min. 1490 mm * Tyres min. 10 x 16,5 * Hydraulic flow rate, min. 55 l/min * Hydraulic oil pressure max. 230 bar * Rateod operating capacity min. 550 kg * Tipping load min. 1150 kg * Lift cylinder breakout force min. 13 kN * Bucket cylinder breakout force min. 18 kN * Working lights * Rotating beacon * Hydraulic pipework * Tools for basic maintaining * Operating manual in Serbian * Spare parts catalogue * Authorized service support provided * Handling training and training for basic maintaining provided * Dealership authorization is a must |  |  |  |