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

**Contract title: Supply of Specialized truck for collecting and disposal of waste p 1 /…**

**Publication reference:**CN1 – SO 2.2 – SC 008 / TD2

**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 onits 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

- Any specification referring to a particular product or manufacturer, in particular to types, models and brand names, are to be understood as “or equivalent”. Where equivalency shall be subject to technical evaluation, the respective documentation giving evidence of equivalency, and - if appropriate - an assessment by an independent recognized party shall be provided with the offer.

- The Tenderer’s offer must be accompanied by technical brochures, technical data sheets etc. showing in details type, dimensions, size and description of the offered special vehicle and/or technical documentation proving the required performance and parameters in order to verify the compliance with the technical specifications.

- The special vehicle must be delivered DDP at the premisses of the Contracting Authority. Time of delivery 45 days.

- The Tenderer shall provide special training regarding the use of the special vehicle and free technical support by phone.

- During the warranty period, the Tenderer shall provide technical service and shall replace any defective part of the vehicle supplied with new, including labour for fitting the part and setting up and calibrating the equipment where necessary. The response time should be not later than 48 hours after the reporting of the failure. If repair is not possible within a reasonable period, the equipment shall be replaced with a similar item of at least equivalent specifications and standard.

- The special vehicle must have marking in accordance the Communication and Visibility in EU-financed external actions requirements (https://ec.europa.eu/europeaid/work/visibility/\_en) and a serial number on the body of the unit. Correct size and design of sticker and wording will be provided to the Contractor by the Contracting Authority. Production and placement of stickers must be calculated in the price of the vehiacle..

Documentation and Manuals

- All equipment to be supplied shall be accompanied by a full set of manufacturer workshop maintenance and repair manuals in the English and Macedonian language.

| **1.**  **Item number** | **2.**  **Specifications required** | **3.**  **Specifications offered** | **4.**  **Notes, remarks,  ref to documentation** | **5.**  **Evaluation committee’s notes** |
| --- | --- | --- | --- | --- |
| **1** | **Specialized truck for collection and disposal of waste**  **Quantity: 1**  **Condition:** brand new  **Manufacture’s name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Product type, model: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Gross vehicle weight min. 16.000kg**  **Engine: 6-cylinder in-line diesel engine – 4valves per cylinder**  **Max.power: 184kW at max. 2100rpm**  **Max.torque: 950Nm from 900rpm to 1700rpm**  **Displacement: Minimum 7.5l**  **Emission standards: Euro 6**  **Compactor body:**  Compactor capacitynot less then 12mt excluding the hopper capacity  Hooper capacity up to 1mt  **Thickness:**  Auxiliary chassis not less than 6mm ST-52  **Body:**  Body side walls not less than 4mm ST-52  Body roof not less than 4mm ST-52  Body floor not less than 4mm ST-52  Discharge plate not less than 4mm ST-52  **Hooper:**  Outside Hopper side walls not less than 4mm ST-52  Inside Hopper side walls not less than 5mm ST-52  Hopper floor not less than 4mm ST-52  Hopper press plate not less than 5mm ST-52 |  |  |  |
|  | **PTO and Pumps:**  PTO and Hydraulic pump to be included  **Safety Devices:**  Safety system designed according to the EN 1501-5 standard  Rear Jack devices to be included  Over heat hydraulic oil temp – with possibility to be seen by operators  Low level of hydraulic oil - with possibility to be seen by operators  Over pressure safety valves to be included  Emergency stop: 2 both rear sides and 1 behind the driver cab  Lifting and lowering system – included  **Lifting system:**  Automatic  With ability to install and uninstall from the body load  With ability to lift and discharge garbage container standard of 1.1m3 (conatainers) and 80l, 120l, 240l (plastic bins) according to EN 840 1,2,3  With ability to be operated from the rear with required buttons in addition to emergency stop  Device to be provided by fully hydraulic connection of lifting and lowering process  Container opener apparatus to bebe included.  Ratio pressure - not less than 1/3  **Accessories:**  Mud guards and rubber flaps  Sewage Tank (Below the body and hopper floor)  Rear light for night work  Operators’ steps and handle  two beacons, one at the top of cab and one at the rear of the compactor |  |  |  |
|  | **Period of warranty min.12 months** |  |  |  |
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