**Section II: Schedule of Requirements**

1. **Summary of Requirements for:**

**Item 1. Wheeled tractor - 1 PCS**

**Item 2. Mulcher for milling stumps, roots and stones - 1 PCS**

1. **Technical Specifications for Services – Comparative Data Table**

**Item 1: Supply of Wheeled tractor as further described in the table**

**B 1. Technical specifications for Goods and Comparative Data Tables - Item 1:**

| **N** | **UNOPS minimum technical requirements** | **Is quotation compliant? Bidder to complete** | **Details of goods offered. Bidder to complete** |
| --- | --- | --- | --- |
| **1** | **General requirements: Wheeled tractor** | ☐ Yes ☐ No | Insert details |
| 1.1 | Engine type - diesel | ☐ Yes ☐ No | Insert details |
| 1.2 | Rated engine power not less than 145 hp | ☐ Yes ☐ No | Insert details |
| 1.3 | Traction: 4x4 (4-wheel drive) | ☐ Yes ☐ No | Insert details |
| 1.4 | Transmission - min. 10 forward /2 reverse or CVT or similar | ☐ Yes ☐ No | Insert details |
| 1.5 | The rear PTO speed: 540 and 1000 rpm. Must match offered Mulcher as per lot 2 | ☐ Yes ☐ No | Insert details |
| 1.6 | Rear PTO shanks splines, 6,8,21. Must match offered Mulcher as per lot 2 | ☐ Yes ☐ No | Insert details |
| 1.7 | Maximum speed - not less than 40 km/h | ☐ Yes ☐ No | Insert details |
| 1.8 | Lifting force of the rear lift ball ends- min.4500 kg. | ☐ Yes ☐ No | Insert details |
| 1.9 | Rear lift category - 3 | ☐ Yes ☐ No | Insert details |
| 1.10 | Road legal light system. Headlights, min. 2, working lighting on the back - min. 1 | ☐ Yes ☐ No | Insert details |
| 1.11 | Front counterweight - min. 14 x 50 = 700 kg. | ☐ Yes ☐ No | Insert details |
| 1.12 | Creeper function, max 0.5 km/h | ☐ Yes ☐ No | Insert details |
| 1.13 | Front linkage - min. 1.5 tons | ☐ Yes ☐ No | Insert details |
| 1.14 | Front PTO - 1000 rpm. | ☐ Yes ☐ No | Insert details |
| **2** | **Additional equipment** | | |
| 2.1 | Traction bar 30 mm in diameter | ☐ Yes ☐ No | Insert details |
| 2.2 | HVAC in cabin, non CFC AC | ☐ Yes ☐ No | Insert details |
| 2.3 | Passenger seat with seat belt | ☐ Yes ☐ No | Insert details |
| 2.4 | Fire extinguisher, 2 kg. min. | ☐ Yes ☐ No | Insert details |
| 2.5 | First aid kit | ☐ Yes ☐ No | Insert details |
| 2.6 | Operation manual (in English and/or Ukrainian) | ☐ Yes ☐ No | Insert details |
| 2.7 | A set of tools | ☐ Yes ☐ No | Insert details |
| 2.8 | Warning triangle | ☐ Yes ☐ No | Insert details |
| **3** | **Warranty and documents** | | |
| 3.1 | Bid includes brand/model of the goods and manufacturer's technical literature/catalogue, all confirming that the offered items comply with required specifications. | ☐ Yes ☐ No | Insert details |
| 3.2 | Bidder or manufacturer of the vehicle must have a representative office in Ukraine that provides after sale service available in Ukraine or agreement with the local representative of the manufacturer or service company that can provide maintenance of the vehicle. The Bidder must provide contact details of the service centre as well as co nfirmation from the service centre that it will provide after sale services for the proposed vehicle. | ☐ Yes ☐ No | Insert details |
| 3.3 | The warranty on the vehicle min. 1 year or 1500 hours whatever occurs first. Warranty must include manufacturing defects and labour charges. | ☐ Yes ☐ No | Insert details |
| 3.4 | Warranty service. The name of the company, address, telephone- and fax numbers, e-mail address must be mentioned in the bid. The service centre shall have at least one certified engineer in its staff. | ☐ Yes ☐ No | Insert details |
| 3.5 | Technical documentation for maintenance and repair of the supplied goods. The minimum set of technical documents to be provided with each piece of equipment delivered is the following:  • User Manual and Operating Instructions (in Ukrainian)  • Technical Certificate/maintenance guidelines (in Ukrainian or English).  All tags/labels on the equipment shall be in English or Ukrainian language. | ☐ Yes ☐ No | Insert details |
| 3.6 | Please provide shipping dimension: L x W x H, as well as Kerb/shipping weight in kg. | ☐ Yes ☐ No | Insert details |
| 3.7 | Bid includes the Country of origin of the goods. | ☐ Yes ☐ No | Insert details |

**Item 2: Supply of Mulcher for milling stumps, roots and stones as further described in the table**

**B 2. Technical specifications for Goods and Comparative Data Tables - Item 2:**

| **N** | **UNOPS minimum technical requirements** | **Is quotation compliant? Bidder to complete** | **Details of goods offered. Bidder to complete** |
| --- | --- | --- | --- |
| **1** | **General requirements: Mulcher for milling stumps, roots and stones** | ☐ Yes ☐ No | Insert details |
| 1.1 | Working width, min 175 cm. | ☐ Yes ☐ No | Insert details |
| 1.2 | Total width - 205 cm. | ☐ Yes ☐ No | Insert details |
| 1.3 | depth without roller/with roller - max 113cm/max160cm. | ☐ Yes ☐ No | Insert details |
| 1.4 | height max 125cm. | ☐ Yes ☐ No | Insert details |
| 1.5 | Required tractor power, min 100 hp. Must match the offered tractor in Lot 1 | ☐ Yes ☐ No | Insert details |
| 1.6 | Crushing stones up to 25 cm Ø | ☐ Yes ☐ No | Insert details |
| 1.7 | Wood chopping up to 25 cm Ø | ☐ Yes ☐ No | Insert details |
| 1.8 | Work at a depth of min. 25 cm | ☐ Yes ☐ No | Insert details |
| 1.9 | Rotor: a combination of fixed cutters (hammers) with additional tungsten carbide inserts for removing residues and soil from the body walls of the SUPER MONO PROTECT + SUPER MONO EXTREME, with wear-resistant holders or equivalent | ☐ Yes ☐ No | Insert details |
| 1.10 | Working speed 0- min. 2 km/h | ☐ Yes ☐ No | Insert details |
| 1.11 | Reducing gear required (deceleration): Creeper function, max. 0.5 km/h | ☐ Yes ☐ No | Insert details |
| 1.12 | 3-point linkage according to ISO II cat. Must match offered tractor Item 1 | ☐ Yes ☐ No | Insert details |
| 1.13 | 1000 rpm gearbox with overrunning clutch. Must match offered tractor Item 1 | ☐ Yes ☐ No | Insert details |
| 1.14 | Input shaft 1 3/4” Z=6 or equivalent. Must match offered tractor Item 1 | ☐ Yes ☐ No | Insert details |
| 1.15 | Integrated torque limiter | ☐ Yes ☐ No | Insert details |
| 1.16 | Double drive with parallel gear transmission; integrated active cooling system or equivalent | ☐ Yes ☐ No | Insert details |
| 1.17 | Electric temperature and cooling control system (ISOBUS for tractor terminal) or equivalent | ☐ Yes ☐ No | Insert details |
| 1.18 | Interchangeable rotor necks (bolted) | ☐ Yes ☐ No | Insert details |
| 1.19 | Narrow in depth skids | ☐ Yes ☐ No | Insert details |
| 1.20 | Protection by double chain curtain or equivalent | ☐ Yes ☐ No | Insert details |
| 1.21 | Hydraulically adjustable compaction roller, which can also be used as a frame pusher or equivalent | ☐ Yes ☐ No | Insert details |
| 1.22 | To be installed from both sides (if possible) or, if not, from behind. |  |  |
| **2** | **Additional equipment** | | |
| 2.1 | Body to be made from high-strength AR400 wear-resistant steel or equivalent with internal replaceable plates to protect against wear | ☐ Yes ☐ No | Insert details |
| 2.2 | Hardened anti-cutting plates, adjustable impact bar and provision for adjusting the level of grinding must be included | ☐ Yes ☐ No | Insert details |
| **3** | **Warranty and documents** | | |
| 3.1 | Bid includes brand/model of the goods and manufacturer's technical literature/catalogue, all confirming that the offered items comply with required specifications. | ☐ Yes ☐ No | Insert details |
| 3.2 | Bidder or manufacturer of the vehicle must have a representative office in Ukraine that provides after sale service available in Ukraine or agreement with the local representative of the manufacturer or service company that can provide maintenance of the vehicle. Bidder must provide contact details of the service centre as well as confirmation from the service centre that it will provide after sale services for the proposed vehicle. | ☐ Yes ☐ No | Insert details |
| 3.3 | The warranty on the mulcher min. 1 year. Warranty must include manufacturing defects and labour charges. | ☐ Yes ☐ No | Insert details |
| 3.4 | Warranty service. The name of the company, address, telephone- and fax numbers, e-mail address must be mentioned in the bid. The service centre shall have at least one certified engineer in its staff. | ☐ Yes ☐ No | Insert details |
| 3.5 | Technical documentation for maintenance and repair of the supplied goods. The minimum set of technical documents to be provided with each piece of equipment delivered is the following: • User Manual and Operating Instructions (in Ukrainian) • Technical Certificate / maintenance guidelines (in Ukrainian or English). All tags/labels on the equipment shall be in English or Ukrainian language. | ☐ Yes ☐ No | Insert details |
| 3.6 | Please provide shipping dimension: L x W x H, as well as Kerb/shipping weight in kg. | ☐ Yes ☐ No | Insert details |
| 3.7 | Bid includes the Country of origin of the goods | ☐ Yes ☐ No | Insert details |

**C. Delivery requirements and Comparative Data Table**

| **UNOPS Requirements** | | **Is bid compliant?** Bidder to complete | **Details**  Bidder to complete |
| --- | --- | --- | --- |
| **Delivery time** | The bidder shall deliver and unload the goods as soon as possible, but not later than within 120 calendar days after the Contract signature.  Shorter delivery is strongly encouraged.  The bidders are also encouraged to offer the goods that are available on stock with immediate delivery. | ☐ Yes ☐ No | Insert details |
| **Delivery place and Incoterms rules** | DAP (delivered at place) Voznesensky district, Mykolaiv region, Ukraine.  Net of any direct taxes, customs duties, indirect taxes.  Details regarding delivery will be shared accordingly. | ☐ Yes ☐ No | Insert details |
| **Consignee details** | The goods should be delivered to: Voznesensky district, Mykolaiv region, Ukraine (address will be provided to the awarded bidder) | ☐ Yes ☐ No | Insert details |
| **Packing standards** | Bidder shall ensure the best international packing standards of goods supplied, including use of eco-friendly packing materials.  Bidder shall remain liable for the packing and consistency of the items supplied for the period of shipment and acceptance for use. Any items found unacceptable shall be returned and changed at no costs to UNOPS. | ☐ Yes ☐ No | Insert details |

**D. Sustainability Criteria:**

| **UNOPS Requirements** | | **Is bid compliant?** Bidder to complete | **Details**  Bidder to complete |
| --- | --- | --- | --- |
| **Sustainability Requirements – Local after-sales service** | The bidder will provide an after-sales service component for the product to be procured, which utilizes local suppliers.  Bidders will provide documentation that clearly outlines:  - what current partnerships exist with local after-sales service providers (and in which locations)  - which geographical areas are not covered by current partnerships  - what is covered under the terms and conditions/scope of the service, and what is not covered  - the contact information for a sample of those partnerships (for verification purposes)  - the process that End User personnel will need to follow to access the after-sales service networks,  - the availability of spare parts (e.g. in stock quantities), equipment for maintenance/repair and trained personnel in after-sales service networks  - references of quality for a sample of local partners. | ☐ Yes ☐ No | Insert details |