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



**Contract title: Supply and delivery of agricultural machinery and equipment p 1 /…**

**Publication reference:** **1/T/2025**

**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** |
| --- | --- | --- | --- | --- |
| **1** | **Tractor**  **Type: Open field tractor (standard tractor), with 4 wheels drive.**  **Engine power: Max. engine power (ECE R 120) in the range 110-125 kW/150-170 HP**  **Emissions: Tier 3,4, 5**  **Engine: Diesel engine, 4 - 8 cylinders.**  **Active wheels: 2WD or 4WD**  **PTO: REAR two speeds at 540 and 1000 RPM**  **Driving position: close CAB, with air conditioning and passenger seat.**  **Measuring instruments:** Operating hours  **Hydraulic lift:** Standard  **Connection to implements:** Towing, hitching, or compatibility with implements and trailers.  **Year of production: 2020-2025**  **Physical condition: New and undamaged**  **Warranty: not less than 1 year** |  | **Green – Text added** |  |
| **2** | **Pneumatic seeder for hoed crops**  **Type:** Pneumatic seed machine  **Number of rows:** 4  **Row spacing:** 0.7 m  **Number of units for seeds**: 4  **Number of units for fertilizer:** 1 (divided into 4 distributors)  **Sowing mechanism:** Automatic  **Mounting system:** Hydraulic  **Brand:** EU (preferred)  **Year of production: 2020 - 2025**  **Physical condition: New and undamaged**  **Warranty:** not less than 1 year |  |  |  |
| **3** | **Spraying pump**  **Type: mounted to the 3 points back hitch of the tractor.**  **Main tank:** capacity 600-800 liters, with hinged lid, sieve filter and external liquid level indicator  **Length of work:** 12 m  **Type of filling (self-filling or not):** Manual  **Hose for self-filling:** not less 7 m  **Cardanic shaft:** one cardanic shaft  **Accessories:** Hydraulic hose 40 m and n. 2 manual spray lances  **Brand:** EU (preferred)  **Year of production: 2020 - 2025**  **Physical condition:** New and undamaged  **Warranty:** not less than 1 year |  |  |  |
| **4** | **Grass mower (Lawnmower)**  **Cutting width:** 190-210 cm  **Number of discs :** 2  **Source of power:** PTO shaft at a speed of 540 RPM  **Connection to the tractor: Standard**  **Cardanic shaft:** one cardanic shaft  **Brand:** EU (preferred)  **Year of production: 2020 - 2025**  **Physical condition:** New and undamaged  **Warranty:** not less than 1 year |  |  |  |
| **5** | **3-5-ton truck (bot) for urine distribution**  **Capacity:** 3-5 ton  **Pump:** With vacuum  **Number of axles:** 1-2  **Sprayer for urine distribution:** Yes, 10-12  **Year of production:** 2020 - 2025  **Warranty:** not less than 1 year  **Brand:** EU (preferred)  **Physical condition:** New and undamaged |  |  |  |
| **6** | **Hoeing cultivator**  **Mounting system:** Hy Rear-mounted on a tractor, hydraulic lifting/lowering  **Fertilization system**: 2 plastic fertilizer tanks with 4 distributors  **Fertilizer distribution capacity**: 0–700 kg/ha  **Number of hoeing groups:** 4  **Depth control system:** 15-20  **Plant protection:** Each unit equipped with 2 protectors to avoid plant damage  **Year of production:** 2020 - 2025  **Warranty:** not less than 1 year  **Brand:** EU (preferred)  **Physical condition:** New and undamaged |  |  |  |
| **7** | **Plow for tillage**  **Type of plow:** 4 bottom plows  **Plow model:** Standard for tillage  **Method of connection to the tractor (hung or pulled):** Hanged  **Working width:** 160 cm  **Working depth:** 35-50 cm  **Plow working depth adjustment mechanism:** With depth adjustment wheel.  **Year of production:** 2020 - 2025  **Warranty:** not less than 1 year  **Brand:** EU (preferred)  **Physical condition:** New and undamaged |  |  |  |
| **8** | **Milling machine**  **Type of tiller for chopping or soil loosening:** Rotary with urchin roller, hanging  **Connection to the tractor with hydraulic lift or type of connecting shaft (cardanic) (Determine the type): Hydraulic lift**  **The width of the work:** 300 cm  **Type and no. of elements (organs) of the work in pieces:** 12 groups X 3 knifes  **No. of chopping knives:** 36  **Depth of work in cm:** 25-30 cm  **Year of production:** 2020 - 2025  **Warranty:** not less than 1 year  **Brand:** EU (preferred)  **Physical condition:** New and undamaged |  |  |  |
| **9** | **Seeder machine for small seeds**  **Working width:** 3 m  **Number of rows:** in the range 21-23  **Distance between rows:** 13-14 cm  **Seed hopper:** not less than 500 kg  **Furrower:** coulter type  **Seed cover:** harrow type  **Coulter pressure and seed covering harrow adjustment:** yes  **Year of production:** 2020 - 2025  **Warranty:** not less than 1 year  **Brand:** EU (preferred)  **Physical condition:** New and undamaged |  |  |  |
| **10** | **Hay baler**  **Type:** Conventional square parallelepiped balers for harvesting of hay, straw, corn stalks, sorghum, and others crop residues, towed by tractor on support wheels.  **Picking width:** Not less 1.8 m  **Bales size:** in the range of 0.33-0,37 x 0.40-0.48 m (section)  **Number of knotters:** 2  **Adjustable bale pressure system:** YES  **Lighting and warning board kit:** YES  **Tying material:** Twine  **Towing eye:** rolling type  **Hydraulic swith to working position:** yes  **PTO required:** 540 RPM  **Cardanic shaft:** With suitable homocentric joint (tractor side) and single joint (machine side). The cardanic shaft must be incorporated (single joint side) with an “Adjustable Overrunning Clutch Friction Torque Limiters”.  **Year of production:** 2020 - 2025  **Warranty:** not less than 1 year  **Brand:** EU (preferred)  **Physical condition:** New and undamaged |  |  |  |
| **11** | **Complete combine harvester for small seeds and forage crops 100 hp**  **Type:** Transverse flow and 2 wheels drive.  **Emissions:** Tier 3,4,5.  **Engine power:** 100-140 HP / 80-100 KW  **Engine:** Diesel engine, 4 or 6 cylinders.  **Cutting width of the header:** 4.8 m  **Type of harvester header:** grain header suitable for harvesting of wheat, barley, oats, rapeseed  **Cutting width of the header:** Not less than 6 m  **Harvester Header Cutting height:** Can be controlled from driver cabin with auto float control  **Concave adjustment system:** to allow the wheat, barley, soy and maize processing  **Straw Chopper:** yes  **Grain tank:** Capacity not less than 4000 litres, visual and audible grain tank level indicator  **Grain unloading system:** Through unloading auger hydraulically operated in all directions.  **Electric circuit:** Complete electric circuit with day and night lighting system.  **Driving position**: close CAB, with air conditioning and passenger seat  **Fuel type**: Diesel  **Transmission:** Manual  **Year of production:** 2020 - 2025  **Warranty:** not less than 1 year  **Brand:** EU (preferred)  **Physical condition:** New and undamaged |  |  |  |
| **12** | **Spraying drone**  **Capacity:** 40-60 litre/kg  **Spryer:** 2 Sprayer  **Granule Spreading:** 0.5-5 mm  **Rain and Dust Protection System:** Rain and Dust Protection  **Movement Speed**:>10 m/sec  **Number of Rotors:** 4-8  **Camera System:** Binocular Vision System  **Battery Capacity:** >30.000 mAh  **Radar System and Obstacle Avoidance:** Sensing 360°, up to 50 m  **Drone Controller: Screen:** 7.02-inch LCD touchscreen, with a resolution of 1920×1200 px and high brightness of 1200 cd/m².  **Operating Temperature:** -20° to 40°C.  **Year of production:** 2020 - 2025  **Warranty:** not less than 1 year  **Brand:** EU (preferred)  **Physical condition:** New and undamaged |  |  |  |
| **13** | **Corn harvest on the cob**  **Number of working rows:** 2  **Tank capacity (m3):** > 2.5 m3  **Type of tractor connection:** standart  **Working capacity:** ≥ 0.5 ha/ha  **Year of production:** 2020 - 2025  **Warranty:** not less than 1 year  **Brand:** EU (preferred)  **Physical condition:** New and undamaged |  |  |  |
| **14** | **Spraying pump**  **Type: mounted to the 3 points back hitch of the tractor.**  **Main tank:** capacity 400-600 liters, with hinged lid, sieve filter and external liquid level indicator  **Length of work:** 12 m  **Type of filling (self-filling or not):** Manual  **Hose for self-filling:** not less 7 m  **Cardanic shaft:** one cardanic shaft  **Accessories:** Hydraulic hose 40 m and n. 2 manual spray lances  **Year of production:** 2020 - 2025  **Warranty:** not less than 1 year  **Brand:** EU (preferred)  **Physical condition:** New and undamaged |  |  |  |
| **15** | **Grass cutter (Grass mowing)**  **Engine type:** Electro-motor  **Engine power:** 2 -2.5 HP  **Type of blades:** Two-blade knife  **Brand:** EU (preferred)  **Warranty:** not less than 1 year  **Year of production:** 2020 - 2025  **Physical condition:** New and undamaged |  |  |  |