

Appendix B II to the Call for tender

1. Pitch mower – 2 pcs.:

- 1) Three-cylinder 3-cylinder diesel engine with a minimum power of 18 HP
- 2) Hydrostatic transmission unit controlled with 2 separate pedals
- 3) Steering and drive wheels – 3 pcs.
- 4) Fuel tank with a minimum capacity of 30 l
- 5) Mowing width: 170-190 cm
- 6) Spindle cutting units – 3 pcs.
- 7) Cutting blades on the spindle – 8-10 pcs.
- 8) Grooved front rollers
- 9) Distance adjustment between shear bar and spindle by changing location of the spindle shaft
- 10) Mowing height adjustment with 1 bolt
- 11) Min. mowing speed 0-8 km/h
- 12) Cutting blades sharpening option during reverse rotation
- 13) Hour counter
- 14) Operator's chair
- 15) Grass container for each cutting unit (3 pcs.)
- 16) Year of manufacture: 2019-2020

2. Pitch sandblasting machine:

- 1) Max. kerb weight 1000 kg (without sand)
- 2) Hydraulic drive with constant oil flow, min. 25 l/min
- 3) Minimum volume of the sand container: 2.3 m³ to the level of side walls
- 4) Wheels and steering system – axis with 4 self-aligning wheels adapting to the topography
- 5) Even application of sand with the use of two rotational plates
- 6) Sand is transported onto the plates with the use of a rubber belt conveyor
- 7) Sand distribution adjustment by changing settings of the belt conveyor, rotational plates and sand feeding slot
- 8) Machine coupled with the use of the upper transportation coupler in the tractor

3. Pneumatic, perforating seeder for grass seeds:

- 1) Minimum working width 150 cm
- 2) Minimum total width 200 cm
- 3) Minimum weight 650 kg
- 4) 3 part floating front shaft with star-shaped working tools performing cuts for grass seeds
- 5) Min. 2 rows of harsh brushes for brushing seeds and 3 independent pressing rollers.
- 6) Min. 500 longitudinal cuts per 1 m² during one run
- 7) Feeding a fixed amount of seeds per 1m² regardless of running speed
- 8) Electric drive of the seeder with electronic control from the tractor cabin

- 9) Seed container with a minimum capacity of 120 l
- 10) Pneumatic feeding of seeds through a blower
- 11) Min. 1 electric blower 12 V
- 12) Min. 8 hoses transporting grass seeds
- 13) Min. 1 chamber roller for dosing grass seeds
- 14) Option of saving min. 100 types of grass mixes in the computer storage unit.
- 15) Polish menu of the controller
- 16) Min 1 running speed optical sensor and 1 lifting magnetic sensor (operating the automatic closing system for the seeding chamber when the device is lifted and fixed amount of seeds fed during the run)
- 17) Spring-loaded unloading set for brushes for the adjustment of the seeds brushing intensity

4. Harrow for removal of felt on the natural pitch and loosening granulate of artificial turfs:

- 1) Min working width 350 cm
- 2) Total weight, min. 500 kg, max. 600 kg
- 3) Device width in transporting position, max. 220 cm
- 4) Machine with mechanical transporting protection preventing the machine from disassembly during the transportation run; hydraulically-folded by the operator during transportation
- 5) 4 rows of verticutting pins with dimension of 4 mm, arranged and bent diagonally in relation to the direction of grass
- 6) Pins running through the soil in a min. distance of 18 mm from each other during one run
- 7) Min. five-fold pin coil on the machine frame
- 8) Pins located on two floating frames, self-adapting to the floor
- 9) Min. 2 springs unloading bars with pins for adjusting work intensity
- 10) Min. 2 guiding wheels
- 11) Assembly of the Cat. I three-point hitch

5. Frontal loader for compact tractor:

- 1) Device compatible with the John Deere 4066R compact tractor
- 2) Minimum loading capacity of the pivot pin at a maximum lifting height 1000 kg
- 3) Maximum lifting height on the pivot pin, min. 2700 mm
- 4) Loader equipped with automatic parking support
- 5) Bucket for loose materials, min. 1850 mm
- 6) Loaded box for the rear three-point hitch of the tractor

6. Utility vehicle, type: Melex, Club Car, Golf Car, Gator etc.:

- 1) Two-cylinder petrol engine with a minimum capacity of min. 650 cm³ and min. power of 16 HP
- 2) Variable speed transmission
- 3) Maximum speed over 30 km/h
- 4) Two rear wheels drive
- 5) Differential lock
- 6) Loading box with demountable sides and rear unload

- 7) Min. box load capacity 270 kg
- 8) Min. tow capacity 450 kg
- 9) Min. weight 500 kg
- 10) Tires for green areas
- 11) Cabin with glass door and a set of reinforced front suspension
- 12) Ball coupling for a trailer

7. Multi-use trailer:

- 1) Min. internal dimensions of the loading box 2.02 x 1.22 x 0.36 m, DMC – 750 kg
- 2) Max load capacity 510 kg
- 3) Max. kerb weight 240 kg
- 4) 165/70 R13 size wheels
- 5) Driving axle with a maximum load capacity of 750 kg
- 6) Ball coupling with a maximum load capacity of 750 kg
- 7) Trailer frame made of closed sections reinforced under the floor
- 8) Sides made of galvanized closed sections with a min. height of 0.3 m
- 9) Side sheathing filled with min. 0.7 mm thick galvanized sheet
- 10) Opening rear side
- 11) Floor filled with waterproof anti-slip panel, min. thickness 12 mm
- 12) Wheel wedges – 2 pcs.
- 13) Supporting wheel
- 14) Supports for belts outside the trailer frame – min. 4 pcs.
- 15) Electrical system 12 V, 7 pin plug
- 16) Trailer ramps made of galvanized steel, 2 m long and 20 cm wide – 4 pcs.
- 17) A set of documents required to register the vehicle.
- 18) Trailer is compatible with the offered utility vehicle

8. Pitch sweeper:

- 1) Sweeper for collecting grass, leaves and other contamination on lawns
- 2) Min. 1 sweeping roller and 1 discharging roller with four brushes on each roller
- 3) Affixed to the tractor with the use of bottom ties of the tractor
- 4) Min. work width 120 cm
- 5) Container with a minimum capacity of 1.6 m³ with upper discharger to a minimum height of 170 cm
- 6) Drive from PTO 540 rev./min.
- 7) Container filling level indicator
- 8) Max weight of the empty box 650 kg

9. Self-propelled sprayer with electric drive:

- 1) Minimum capacity of the work container 140 l
- 2) Foldable beam, min. 4 m wide

- 3) Spraying heads equipped with 3 types of dishes
- 4) Reinforced drive axis
- 5) Electric drive
- 6) Smooth adjustment of the work speed at front and rear run within the range up to 6 km/h
- 7) Battery charging system with battery charger
- 8) Reinforced with 24 V membrane pump
- 9) Work pressure adjustment
- 10) Mixing valve

10. Guided seeder for fertilizers – 2 pcs.:

- 1) Made of acid-resistant steel
- 2) Tank, min. 40 l
- 3) Seeding width range 2-6 m
- 4) Wide range of seeding settings, seeding control near the operator's handle
- 5) Side limiter facilitating seeding along the edge
- 6) Inflated wheels
- 7) Stable shaft with handles for guiding

11. Fork for repairing damages of the football turf – 8 pcs.:

- 1) Material: stainless steel
- 2) Min. handle length 1250 mm
- 3) Min. total length 1400 mm
- 4) Min. length of teeth 120 mm
- 5) Min. kerb weight 1.5 kg

12. Scarifying cassette – 3 pcs.:

- 1) Thickness of cutting blades 2 mm
- 2) Cutting blades ended with sintered carbides
- 3) Compatible with Dennis G860 mower

13. Device for measuring compensation of the football turf substrate:

- 1) Max. dimensions 75 x 15 x 15 cm
- 2) Max. net weight of the device. 4.6 kg
- 3) Memory containing min. 9000 tests, each test has to include time and date,
- 4) Transporting safety box included

14. Device for painting lines on the pitch turf – 2 pcs.:

- 1) Running gear on big, stable inflated wheels
- 2) Stable handle for steering with high adjustment option
- 3) Painting lines with roller unit conveying the paint
- 4) Max. device weight 23 kg
- 5) Min. capacity of tanks 15 l

6) Width of painted lines, 10 cm (1 pc.) and 12 cm (1 pc.)

15. Device for measuring mower cutting accuracy:

1) Range of measurement 1-40 mm

2) Material: stainless steel + prism

3) Angle of refraction, 90

4) Protective packaging included

16. Compact tractor:

1) Year of manufacture 2019-2020

2) Max. weight of the tractor with the cabin, 1750 kg

3) Special tires for grass football turfs (golf courses) with a minimum pressure applied on each cm², not causing ruts: front, width by external outline min. 250 mm, rear, width by external outline min. 470 mm

4) Engine:

- 3-cylinder diesel engine with turbocharge

- Max. engine capacity 1600 cm³

- Min. engine rated power 44 HP

- Fuel tank, min. 45 l

- Double air filter

5) Transmission:

- Hydrostatic transmission with at least 3 ranges, controlled by 2 separate front/rear pedals

- Differential lock

- 4x4 drive

- Integrated cruise control function with electronic speed adjustment by 0.1 km/h

- Smooth regulation of revolution sensitivity of drive wheels preventing the turf from being removed during start and stop

- Setting the maximum operation speed independently of the engine revolutions (e.g. during spraying, aeration and others)

- Hydrostatic steering unit with power steering

6) Hydraulic unit:

- Two pairs of central hydraulic sockets (with floating function) operated with joystick. One electronically controlled rear pair of hydraulic couplings.

- Rear, cat. I three-point hitch with a min. lifting capacity of 998 kg at fixing points

- Front, cat. I three-point hitch with a min. lifting capacity of 500 kg, 60 cm at fixing points

- At least one pair of hydraulic sockets near the front three-point hitch

7) Power takeoff shaft:

- Rear PTO with a speed of 540 rev./min. operating independently of the drive speed

8) Operator's workstation / cabin:

- Cabin with air conditioning / heating system

- Pneumatically amortized operator's chair with wounded safety belt and armrests

- Hour counter, speedometer, fuel level indicator, engine temperature indicator
- Front and rear lights, warning light (beacon)
- Radio, sun shield, 2 side mirrors

9) Remaining options:

- Upper transport hitch
- Lower transport hitch
- Front loading units, min. 30 kg/pc. – set.
- Road homologation

Total value of the aforementioned devices PLN 860,860.00 net