

Notice for change of technical specification

OPEN TENDER: ITB

BENEFICIARY COUNTRY: Serbia

REFERENCE NUMBER: UNOPS-EP-2015-G-022

DESCRIPTION: Procurement of truck for garbage collection for Presevo Migration Centre

UNCCS CODE: /

POSTING DATE: 18 September 2015

The following change is introduced in the existing Technical Specification:

Engine displacement: from 5000ccm to 6000ccm

Therefore Comparative Data/Compliance Table is changed as follows:

Comparative data/compliance table

To establish compliance of their bid with the UNOPS technical specifications/statement of work bidders must complete the right column of the below table and the compliance confirmation statement:

UNOPS minimum technical requirements	Bidders to fill-in
I VEHICLE	
New vehicle	
Drive 4x2	
Driver's cab, short, day cab (1+2 seats)	
Cab forward, 2 doors, color by choice	
Steering orientation: LHD	
Drive configuration 4x2	
Engine power: from 140kW to 170kW, diesel fuel, 4 stroke	
Emission control: Euro 5 minimum	
Engine displacement: from 5000ccm to 6000ccm	

Electronic engine control	
Fuel filter heater	
An engine brake	
Electronic speed limiter to 90 km/h	
Manual gearbox	
Air conditioning	
Output tipper load power port aligned with the truck body requirements	
Number of axles: 2	
Front axle with load capacity of 3,500-5,500 kg	
Rear drive axle with total load capacity of 6,500-9,000 kg with a locking differential and a stabilizer with dual wheels	
Front suspension	
Rear suspension	
Longitudinal chassis frame rail sheet with thickness of at least 5 mm	
A fuel tank with capacity of a minimum of 100 liters and a key	
Power steering	
ABS system	
Discs or drums on the front and rear axle	
Driver's seat with shock absorbers	
Seat for two passengers	
Board computer with a menu if possible in the Serbian language, providing an overview of driving data	
Tachograph	
An audible warning device for reverse	
Batteries in line with the vehicle and with a warranty	
Tipper cab	
Tools for wheel replacement, tire pump hose	
Two pads for wheels	
Triangle, 10 ton jack, first aid kit, reflective vest	

Two rotating yellow lights on the cab roof	
Side underrun protection, mudguards with flaps	
Dual rear wheels	
User manuals if possible in the Serbian language, service book	
The engine, transmission, drive train (bridge) made by the same or different manufacturers	
Power side-view mirrors, wide-angle, also with curb-view	
Steps, left and right, movable	
II TRUCK BODY	
A new truck body, no variants, for garbage loading and pick-up from the rear end operating on the principle of the pressure plate and the slide plate	
The maximum cumulative weight of the vehicle and the load in line with the truck's load capacity	
Provide details of dimensions and weights of the offered vehicle in a separate appendix. Also enclose a weight distribution on each axle.	
Continuous and protected welds throughout the construction to prevent corrosion	
Volume of the dump box of the truck body, minimum 8 m ³ – enclose a sketch	
A tailgate with the pressing mechanism	
Distance from the ground to the bottom of the truck body at least 400 mm	
The pan bottom made of wear resistant materials with a minimum thickness of 6 mm	
A static waste receptacle section with a minimum volume of 1.3 m ³	
Cylinders for moving the slide plate of the compressing mechanism placed on the inner side of the door	
Automatic locking and unlocking of the tailgate when closing or opening	
Self-cleaning of the waste receptacle section during discharge	
A mandatory sealing system between the acceptor and the dump box to prevent any leakage	

A two-part pressing mechanism, wheel driven	
A dump box made of sheet steel with a minimum thickness of 2 mm, for pressed parts 3 mm, reinforced with steel pipes and profiles, waterproof.	
Automatic movement of the ejection plate along the dump box while pressing	
The front of the hopper deepened to collect drained water, minimum capacity of 130 l	
The thickness of hopper metal sheet at least 3 mm, external reinforcement tubes	
An ejection plate in the dump box on at least 4 sliders with a hoist cylinder	
Required aslope reinforcements on the side of the dump box, flat bottom of the hopper	
STEERING AND CONTROLS	
Control of all truck body functions is electro-hydraulic using a programmable PLC module, including the tipper	
Fault indication via input and output signals	
Controls by using power buttons or levers	
Single and continuous automatic operation cycle of the compressing mechanism	
Automatic control of engine revolution increases for all functions of the truck body	
A hydraulic pump should enable independent operation of the device for compacting trash and lifting containers. The pump should be connected to the auxiliary drive	
TRASH DUMPER AND BACK SUPPORT	
A garbage bin hoisting device is adjusted for handling 80 to 1100 liter garbage bins of all standards. Attention should be paid to the picking up and emptying of 110 liter bins for the eastern market that prevail in the area of the Contracting Authority. (If need be, the Contracting Authority may send a sketch of 110 liter bins in its possession)	
Operation is based on the principle of vertical translational lifting and rotational discharging of bins	
Minimum and maximum lift force of bins and containers in line with normal lifting of full 80 to 1100 liter bins and containers.	

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A pneumatic adjustable support for containers with semicircular lid openers	
MISCELLANEOUS	
All cylinders with built-in G-bearings with lubricators	
Bolts holding the heaviest load chromed	
Two foot-boards and grab handles for workers located in the back on both sides of the rear end of the vehicle	
Two working spotlights on the rear side of the vehicle	
Other lighting equipment of the vehicle in accordance with the law	
An orange rotating beacon on the door on the left side of the truck body with protection	
Side protection of and fenders, if they do not exist on the chassis	
Everything should be protected and painted (all elements should be sandblasted, basically painted with two-component underlying epoxy paint, the final layer is a two-component polyurethane (PUR) paint, drying in the dryer chamber on high temperatures)	
Servicing of the truck body provided in the territory of the Republic of Serbia	
Spare parts for the truck body at least 10 years from the vehicle handover	
Technical documentation for use and maintenance with all hydraulic and electric schemes in the Serbian language as well as replacement part catalogue	
All necessary documentation for homologation	
ADDITIONAL REQUIREMENTS	
Two foot-boards in the rear on both sides of the vehicle with an indication of the presence of workers. In the front, the speed limit in this case should be 30 km/hour at the most, and with no possibility of reverse	
A camera on the rear end of the truck body with an LCD color monitor in the driver's cab	
A box with necessary tools for vehicle and truck body maintenance	
III OTHER	

Warranty: 24 months and unlimited mileage	
Availability for regular maintenance, service support, spare parts and after sales package in Serbia (please state or attach the list of available service network in Serbia)	

The offered products are in accordance with the required specifications and technical requirements:

YES

NO

Any deviations must be listed below:

Please be advised that UNOPS reserves the right to amend the tender documents at any time. Any amendments or clarifications will be posted under the concerned case on www.europeanprogres.org and www.sagradimodom.org and we kindly ask you to check the sites before submitting your proposal.

