

U.S. Embassy Belgrade, Serbia
Solicitation S-RB100-15-Q-0263
Forklift
Questions & Answers

As of May 13, 2015

Question: Should the forklift come with a side shift device?

Answer: Yes, the forklift shall have a side shifting device integrated in fork carriage. An amendment to the solicitation will be issued by May 15, 2015 to add this device and to extend offer due date.



Question: You asked for Diesel forklift truck with Hydrostatic drive. Will more advanced drive technology named Diesel Electro or Hybrid drive satisfy your requirement?

It works in such a manner that a generator is driven by an internal combustion engine producing a three-phase electric current which is converted to direct current for use in the drive motor. The current is then converted back to alternating current by the inverter and feed encapsulated AC motor integrated in drive shaft. So, this type of drive doesn't have differential (has an automatic transmission), clutch, gearbox and conventional service brake. A few main characteristics of this drive system are:

- Lowest fuel consumption (3,3 l/h as per 60 VDI cycles),
- High efficiency of electric components,
- Operation of the diesel engine at optimum speeds (not more than 2600 1/min),
- Reduction of the engine speed after reaching cruising speed,
- Wear-free electric braking via the drive system,
- Reversing without tyre-wear via the electric drive control,
- Reduced maintenance costs due to optimum operation of the diesel engine and the maintenance-free AC drive motors,
- Sensitive drive control,
- Driver can accelerate and brake with the drive pedal,
- The truck keeps the speed selected with the drive pedal constant,
- Automatic braking when releasing the drive pedal stops the truck from accidental rolling on uneven floor and allows standstill on slopes, Selectable acceleration and braking characteristics,
- Adaptable to different applications and driver's habits by different drive programs,
- Different driving characteristics (e.g. hydrostatic, hydrodynamic) can be parameterised according to the customer's preferences,
- Less downtime due to the encapsulated drives and the significantly reduced number of moving parts compared to hydraulic or mechanic gear boxes,
- Environmentally friendly due to the use of modern industrial engines with low emissions.

Answer: Yes, a Diesel Electro or Hybrid drive satisfies our requirement.



Question: Because of technical specifications we will not be able to participate in solicitation since our forklift does not meet the requirements pertaining to the transmission. Is a change in the transmission requirement possible?

Answer: No. All offers must meet the requirements set forth in the solicitation and its amendments if any.



(End of questions and answers.)