



**SUPPLEMENTAL/BID BULLETIN  
 ADDENDUM NO. 2**

**REF: ONE (1) UNIT BRAND NEW 3-TONNER (3,000KG) FORKLIFT, DIESEL ENGINE**

Upon the evaluation of the Technical Working Group (TWG) and the BAC, in its BAC Resolution No. 91, Series of 2009, this Addendum is issued to clarify the provisions in the bid documents. This shall form an integral part of the Bid Documents, to wit:

- A. On the requirement for a HYDROSTATIC Transmission System, the following are the benefits on using hydrostatic system as against the automatic system:

| <b>HYDROSTATIC</b>  |                                       | <b>AUTOMATIC</b>  |
|---|---------------------------------------|---|
| Has less operating cost & maintenance cost due to the following:                |                                       | High operating cost due to the following:   |
| No brake pads   | <b><u>Braking</u></b>                 | Regular change of brake pads  |
| Less oil required   | <b><u>Engine/Hydraulic Oil</u></b>    | More oil required   |
| No torque converter   | <b><u>Torque Converter</u></b>        | Has torque converter  |
| No differential   | <b><u>Differential</u></b>            | Has differential  |
| No inching pedal<br>use of accelerator pedal only                               | <b><u>Inching Control</u></b>         | Has inching control<br>in conjunction with accelerator<br>pedal   |
| Independent from engine rpm<br>(less fuel consumption)                          | <b><u>Lifting Control</u></b>         | Need to apply more engine rpm<br>for lifting (more fuel needed)   |
| Ease of use by operator<br>Two-pedal system only<br>(user-friendly)             | <b><u>User Productivity</u></b>       | More familiarization on three-<br>pedal system  |
| 20,000 engine hours without<br>overhaul   | <b><u>Engine Downtime</u></b>         | More frequent downtime due to<br>more moving parts  |
| Used since 1998 without overhaul<br>with the need only of regular oil<br>change | <b><u>User Overall Impression</u></b> | UNTESTED, unreliable due to<br>more fuel consumption, need for<br>more user familiarization,<br>inefficient on a stop & go<br>operation |

Thus, Hydrostatic transmission as technical requirement is retained.

- B. Optimization of technical specs/dimensions

The TWG indicated these specifications with regards to dimensions of Forklift Axle and its Lift as the most optimized specs suited for the PCSO warehouse and its daily operations.

Double acting steering cylinders are more reliable than single acting cylinders.

With regards to the Lift, the height requirement given is perfect for our operations. Any additional height difference is already considered IRRELEVANT based on our operational needs.

Forks length is vital since we are using 1m. x 1m. pallets. Forks measuring more than 1000mm. will be more detrimental rather than beneficial on our operations.

C. Extra Hydraulics

This simply means the need for provision for one hydraulic function that will be used for future needs like fork attachment, etc.

D. Vermillion Orange Color

Bright colored equipments are more required on our operations since we are using the Fork lift even during night time. Vermillion orange is considered bright and can be readily seen during night time operations. Any other color as bright as the same may be acceptable.

**ALL OTHER MATTERS NOT INCLUDED IN THIS ADDENDUM ARE HEREBY MAINTAINED BY THIS COMMITTEE.**

For the guidance and information of all concerned.

  
**MARIA PAZ A. MAGSALIN**  
**BAC Chairman**

