

KETERANGAN PEMBELIAN TEMPATAN - JKP KEMANTAN

RUJUKAN SEBUTHARGA : MINDEF/DFA/FY2026/NAU/LB/LP/1038

TARIKH TUTUP SEBUTHARGA : 27 / 08 /2026 (KHAMIS, 08.00 PAGI)

PETI PENERIMAAN SEBUTHARGA : BOX (04)

ALAMAT BARU : ARAS BAWAH, BANGUNAN ARKIB
KEMENTERIAN PERTAHANAN, BOLKIAH GARISSON

NAMA SYARIKAT :

COP SYARIKAT & TANDANTANGAN :

FAX PEMBEKAL :

TEL PEMBEKAL :

EMAIL PEMBEKAL :

TAFIS VENDOR ID :

BIL	KETERANGAN BARANG	KTI (EA)	HARGA SATU (BND)	HARGA SEMUA (BND)	TEMPOH SAH HARGA (HARI)	TEMPOH PENGHANTARAN	BUATAN NEGERI	HAL-HAL LAIN
01	<u>PEMBELIAN SEMI-AUTOMATIC SELF LIFTING TRUCK MOUNTED FORLIFT COMPLETE WITH MAINTENANCE</u> SEMI-AUTOMATIC SELF LIFTING TRUCK MOUNTED FORKLIFT COMPLETE • 1 YEAR MAINTENANCE PERHATIAN: Perkara-perkara yang perlu (mandatori) dihadapkan sebelum tarikh tutup ☒ / Katalog (Sila hadapkan katalog berwarna dan spesifikasi tersendiri yang jelas untuk dibuat penilaian) ☐ Contoh Katalog yang dihadapkan hendaklah bukan menggunakan katalog yang disertakan Jabatan ini. Jika didapati gagal, sebutharga tersebut tidak akan dipertimbangkan	10 EA			180 HARI			

JUMLAH SEMUA HARGA YANG DITAWARKAN - ANGKA BS

DAN PERKATAAN :

mf

Semi-Automatic Self-Lifting / Truck-Mounted Electric Stacker

Document Reference: TS-MHE-2026-001

Category: Material Handling Equipment / Logistics

Status: Approved for Tender / Procurement Issue

1. General Description & Scope

The vendor shall supply, deliver, test, and commission a **Semi-Automatic Self-Lifting / Truck-Mounted Electric Stacker** designed for material handling, loading, and unloading operations. The unit must feature an integrated self-lifting mechanism allowing it to elevate and load itself directly onto transport trucks alongside payload cargo, eliminating the need for external forklifts or tail-lifts at target destinations.

2. Operational & Technical Performance Requirements

2.1 Load & Lifting Performance

- **Rated Load Capacity:** Minimum 500 kg (0.5 Tonne).
- **Maximum Lifting Height:** Minimum 1,500 mm.
- **Maximum Overall (Gantry) Height:** Maximum 1,865 mm (fully lowered/retracted position for transport compatibility).

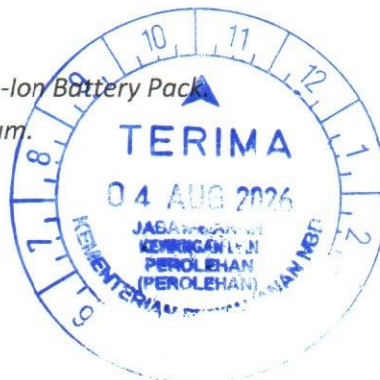
2.2 Fork & Dimensions Specifications

- **Fork Dimensions (W x L):** 540 mm x 1,150 mm (Standard Euro-pallet / UK pallet compatibility).
- **Minimum Lowered Height / Ground Clearance:** Maximum 90 mm.
- **Fork Construction:** Double-layer reinforced high-tensile steel forks with a combined thickness of not less than **9.0 mm per blade** to ensure high impact resistance and resist bending under full rated dynamic capacity.

3. Electrical System & Power Supply

3.1 Power Source

- **Battery Type:** Sealed, Maintenance-Free Lithium-Ion Battery Pack
- **System Voltage & Capacity:** 12V / 33 Ah minimum.



- **Battery Compartment Design:** Quick-access open/modular battery compartment design facilitating rapid replacement and maintenance. Closed, non-accessible, or cumbersome battery housing structures are non-compliant and strictly unacceptable.

3.2 Drive & Control Unit

- **Control System:** Industry-standard Curtis Electric Controller (or approved equivalent solid-state motor controller) providing smooth proportional control, regenerative braking, and integrated fault diagnostics.
- **Lifting Mechanism:** Heavy-duty electro-hydraulic powered pump unit.

4. Safety & Construction Requirements

- **Structural Chassis:** Heavy-duty reinforced steel structural mast designed to withstand dynamic stress during self-lifting and road transport conditions.
- **Safety Devices:** Includes emergency power cutoff button, automatic hydraulic overload relief valve, anti-roll lock system, and ergonomic handle with integrated control switches.
- **Mobility & Wheels:** Non-marking, heavy-duty polyurethane steer and load castors suitable for smooth warehouse flooring and truck bed surfaces.

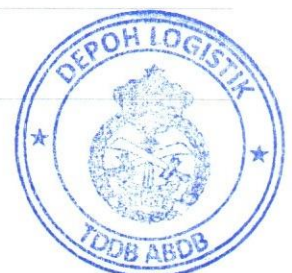
5. Compliance & Deliverables

- **Documentation:** Complete Operation, Maintenance, and Spare Parts Manuals in English.
- **Warranty:** Minimum 12 months comprehensive manufacturer warranty on structural, electrical, and hydraulic assemblies.
- **Certification:** Factory load test certificate and CE / ISO quality compliance documentation.

6. Technical Compliance Matrix

Bidders must complete the compliance schedule below. Non-compliance must be explicitly stated with technical justification.

Item No.	Parameter	Required Specification	Compliance (Yes/No)	Bidder's Actual Spec
1.0	Equipment Type	Semi-automatic self-lifting truck-mounted stacker		
2.1	Rated Capacity	Minimum 500 kg		



<i>Item No.</i>	<i>Parameter</i>	<i>Required Specification</i>	<i>Compliance (Yes/No)</i>	<i>Bidder's Actual Spec</i>
2.2	Max Lifting Height	Minimum 1,500 mm		
2.3	Max Gantry Height	Maximum 1,865 mm		
2.4	Fork Dimensions	540 mm x 1,150 mm		
2.5	Fork Construction	Reinforced double-layer steel (≥ 9.0 mm thickness)		
3.1	Battery System	12V / 33Ah Maintenance-Free Lithium Battery		
3.2	Battery Design	Quick-access open compartment system		
3.3	Motor Controller	Curtis Electric Controller or approved equivalent		
4.1	Safety Features	Emergency stop, overload relief, ergonomic controls		
5.1	Warranty & Docs	Min. 12-Month Warranty + English Manuals & Certs		



Specification: Semi-Automatic Self-Lifting
Stacker / Truck-Mounted Forklift





