

Annexure- "A-3"

TECHNICAL SPECIFICATIONS **FORK LIFTER CAPACITY 3 TON FOR JIAP & CATI HYDERABAD**

This specification sets forth the requirements for a Diesel Engine operated Fork Lifter to be used for lifting works at JIAP Karachi and CATI Hyderabad.

The offered unit shall be new and unused. Used, demonstrator, prototype, remanufactured, reconditioned or discontinued models shall not be accepted.

The offered model shall be in current production and manufactured from materials and components suitable for industrial forklifter.

The bidder shall state the exact make and model and submit an original OEM brochure/data sheet supporting every mandatory parameter.

Where a parameter is not stated in the published OEM literature, an OEM or authorized representative's signed certificate shall be provided.

Site acceptance of units shall be undertaken at LC (South) JIAP Karachi to check all performance and quality parameters as per these specifications.

SR. NO	PAA SPECIFICATIONS	SPECIFICATIONS OF OFFERED UNIT (To be filled by the bidder)	OEM LITRATURE/ CERTIFICATE REFERENCE. (To be filled by the bidder)
1.	Lifting capacity: At least 3 metric tons		
2.	Load centre: 500 mm		
3.	Fork lifting height: Not less than 4 meters		
4.	Fork size LXWXT 1070 X 125 X 40 minimum		
5.	Tilt angle forward / reverse: At least 6 / 12 degrees		
6.	Total weight not less than 4200 kgs		
7.	Outside turning radius: 2400mm Maximum		
8.	Engine Rated Power: At least 34 kW at the manufacturer's rated speed.		
9.	Engine displacement: At-least 2.3 litres.		
10.	Number of cylinders : At least 03		
11.	Battery : 12/90/AH		
12.	Engine emission standards [Euro II or III Only]		
13.	Service brake: Hydraulic Foot Pedal		
14.	Parking brake: Mechanical/Hand lever		
15.	Tyres type inflated or solid		
16.	Tire Size: 28x9-15-12-14PR / 6.50-10-10PR		
17.	Powered steering system		
18.	Full suspension seat with arm and seat belt		
19.	Beacon light (LED)		
20.	Two Work lights on front and two work lights on rear (LED)		
21.	Head lights and indicators		
22.	Forklifter Roof hood		
23.	Operating Temperature: Suitable for outdoor operation in the climatic conditions of Hyderabad and Karachi.		
24.	Complete Set of all types of tools in tool box for maintenance as per recommendations of the manufacturer shall be provided. (Attach the list of tools to be provided)		
25.	01 Set of printed copy of operation, maintenance and spare parts manuals (in English) containing illustrated parts list(s) and operating and service instructions for the unit shall be delivered.		
26.	After sales support The manufacturer shall have an established after-sales service network with authorized workshops/service facilities in major cities of Pakistan. (Documentary evidence shall be attached with the bidding documents)		
27.	Manufacturer Experience The OEM/manufacturer shall have a minimum 15 years' experience of supplying or manufacturing the offered type of equipment in Pakistan. (Documentary evidence shall be attached with the bidding documents)		