

Annexure-I

Technical specification for the supply of “Four wheel Battery operated platform truck” of capacity 2 Ton.

1.	Platform truck	Platform truck fixed 4 wheel automotive type steering gear
2.	Capacity	2000Kg
3.	Battery	Confirms to IS: 5154 1980 with amendment 1 & 2
	(A) Battery voltage	36V
	(B) Battery capacity	299AH
	(C) Rate of discharge	5 hours minimum
4.	Motor	2.6 KW
5.	Charger V/ AMP	36V 40 Amp Single Phase
6.	Electronic controller	MOSFET type chopper controller and Resistance controller for step less control of speed and acceleration.
7.	Platform	
	(A) Size	1250 MM W x 2000 MML =+/- 150 MM
	(B) Type	Fixed 5 mm thick Chequered Plate (0.8 mm)
8.	Brakes	As per IS 9701 : 2001
	(A) Services brakes	Foot operated- Hydraulic
	(B) Parking Brakes	Hand operated mechanical
9.	Under Voltage Audio Alarm	Shall Alarm at 80% discharge of above Battery
10.	Emergency power cut off switch	Fitted
11.	Chassis	Robust chassis Confirming to IS: 6305 Pt I&II 1980 and IS 7553:2003
12.	Suspension	
	(A) Front	Leaf Spring
	(B)Rear	Leaf Spring and Shock Absorber
	(C)Drive	Primary Gear/Chain reduction and final reduction through automotive type differential
13.	Wheels	Solid rubber tyres
14.	Mass	1300-1350 kg approx
15.	Set of recommended spares	
	Oil seal pinion	01
	Oil seal	02
	Brake liner and rivets	04
	Spring brake peddl	01
	Brake hose pipe	01
	Motor carbon brush	04
	Oil seal	01
	Fixed contact	02
	Moving contact	02
	Power fuse (275 amp)	02
	Control fuse (10 amp)	02
	Bulb for head light	02
Bulb for tail light	02	