

TECHNICAL SPECIFICATION FOR BATTERY OPERATED 3 WHEEL PLATFORM TRUCK (2 ton capacity)				
Sl No	Description		Firms' confirmation (Yes/No)	Remarks
1	Platform with tank	Firm to specify the platform dimension (2 ton capacity) and 1000 liters tank to be mounted on the truck platform.		
2	Platform	Fixed type and tank removal type		
3	Suspension	Rear suspension with Leaf spring (Firm to specify)		
4	Transmission	Integral unit consisting of motor, reduction gear box & steering mechanism which can be steered through 180 degree. (Firm to specify)		
5	Brakes	Drum and foot pedal type Hydraulic operated Brake on rear wheel (Firm to specify)		
6	Parking brake	Hand operated Mechanical brakes on rear wheel.		
7	Seat	Centrally located cushioned bucket seat with backrest		
8	Light & Horn	Adequate powered head light, tail lamp, brake light, electric horn and reverse horn/buzzer, side indicator. (Firm to specify the additional attachments)		
9	Speed control	The speed control will be with latest speed controller through a pedal operated accelerator and forward & reverse operation through hand lever switch(Firm to specify the type of controller) Note: Controller to be suitable for Rough and uneven Shop Floors.		
10	Power supply	Reputed make electric traction battery, initially charged (36v, 299 AH/315AH) (Firm to specify.)		
11	Drive motor	4KW/3.6KW 1Hr(Minimum) Duty Traction motor , (Firm to specify)		
12	Ground clearance	Enough clearance to be provided (Minimum 110mm) (Firm to specify)		
13	Tyres	Solid rubber Tyre wheels, Firm to specify the size of the wheels.		
14	Wheel base	Firm to specify		
15	Turning Radius outer	Firm to specify (To maintain minimum turning radius)		
16	Gradient	Firm to specify		
17	Speed with load & without load	Firm to specify		
18	Battery Charger	36V,12Hrs Single Phase fully automatic battery charger with suitable cables, connectors etc.		
19	Safety	a)Emergency power cutoff switch at easily accessible location		
		b) A safety switch key, without inserting which the unit shall not operate.		
		c)Under voltage alarm		
20	Tool Kit	Firm to supply one set of tools required for servicing of the Truck		
	General Terms & Conditions			
1	Firm to provide full details of the Platform Truck enclosing catalogue			

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2	Publications	Publications such as Operators Manuals, Maintenance Manuals, and Spares part list Manuals should be furnished in triplicate along with supplies.		
3	Guarantee	12 months of warranty from the date of commissioning.		
4	Commissioning	The firm should install and commission the equipment at BEML KGF		
5	Consumables	Firm to furnish list of parts for 2 years operation with prices		
6	PBG	The firm should execute Performance Bank Guarantee for 10% of the order value covering the warranty period.		
	Qualifying Criteria			
1	Only OEM or Authorised Dealers of OEM with valid Authorization are eligible to submit offer.			