

## TECHNICAL SPECIFICATION OF 2 TON 3 WHEELER BATTERY OPERATED PLATFORM TRUCK - 4 NOS

**A: SPECIFICATIONS( Per Truck)**

SL. NO.	DESCRIPTION		FIRM'S CONFIRMATION (Yes/No)	Remark
1	Scope per Truck	Supply, installation & commissioning, performance prove out of each 2-Ton battery operated - 3 wheeler platform truck & suitable Battery Charger with Cable.		
2	a).Capacity of Truck & b).Accessories fitted on Truck per Truck.	Two Ton Heavy duty & Robust chequered chassis with 1. Traction battery of 30-36V, Normal Capacity 280-315AH. 2. Electric Horn, Head light, Tail Light, Reverse alarm audio sound with light & 3. one set of solid Non-skid rubber Tyres (1No Front & 2 Nos Rear wheel)		
3	Turning Radius	2400mm Maximum.		
	Ground Clearance	100 mm 110mm		
4	Wheel base	1900 to 2000mm		
5	Front & Rear Suspension	Front Suspension with Helical coil spring and Rear Suspension With Leaf Springs		
6	Platform Size	Minimum1500mm (L) x 1000 mm (W)(Approx.)		
7	Travel Speed(Approx)	<b>Laden</b> : Minimum 6 kmph <b>Unladen</b> : Minimum 9 kmph		
8	Speed Controller/ Drive & Motor	Microprocessor based controller with suitable DC Motor(Class F Insulation) & Drive to carry a Laden weight of 2 Ton Load at the Gradient of 15 to 20 Degree.		
9	Brakes	Foot operated hydraulic service brakes and Hand operated parking brake.		
10	Acceptance	Against Installation & Commissioning, performance Prove out on Load, demonstration of operation both at Laden & Un-Laden Condition and Training to our operators/ Personals.		
11	Post Sales & Service	Firm should provide services within 48 Hours from the date of complaint. Also should notify the nodal contact Person/Office for all services.		

**B. MANDATORY REQUIREMENT:**

1	Customers List & Performance Certificates	Firm should provide list of Minimum 2 customers & provide Performance Certificates from at least 2 Govt/ Public sector/ Large Private industry.		
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**C. OTHER REQUIREMENTS (Per Truck):**

SL. NO.	DESCRIPTION		FIRM'S CONFIRMATION (Yes/No)	Remark
1	Additional Spares	<b>One Set of Additional spares for Each Battery Truck:</b> 1. Micro-processor based Controller - 1 No. 2. Contactor - 1 No. 3. Electrical cable with metal sleeve (connecting between controller & Motor) - 1 No. 4. Electric horn, Head light & Tail light ( with safety guard ) and Reverse horn with light - 1 Set. 5. One set of extra tyres (1 Front & 2 Rear) in addition to tyres fitted on each battery truck.		
2	<b>Commissioning</b> of Trucks	The firm should commission the Trucks at BEML Limited, H&P Division, Kolar Gold Fields, Karnataka.		
3	<b>Warranty</b> of Trucks	Warranty of the offered Battery operated Trucks should be a minimum period of 2 years from the date of commissioning.		
4	Technical Catalogues	The quotation should be supported with illustrated Technical catalogue with full details. Hard & Soft copy of Operation and Maintenance Manual - <b>2 sets</b> to be supplied along with the equipment during Commissioning.		