

**THENTHAMARIKULAM TOWN PANCHAYAT
TENDER SCHEDULE**

Name Of Work : Supply and delivery of Three wheeler Battery Operated Vehicle (3 Nos) in Thenthamarikulam Town Panchayat.

Scheme Name : KNMT 2021-22

Estimate Amount : Rs. 465000/-

Tender Date :

Schedule issued to M/s:

Closing Time :

Schedule Cost :

Opeining Time :

Remitted vide chellan No :

EMD Rupees:

Date :

THE EXECUTIVE OFFICER

THENTHAMARIKULAM TOWN PANCHAYAT

Sl. No.	Qty	Description of Works			Unit	TNDSS & MORTH No.	Rate in	
							Figures	Words
01		Supply and delivery of three wheeler Sealed Lead Acid Battery Operated Vehicle with following Specification						
		Sl.No	Parameters	Specification				
		1.	Battery operated Vehicles having 3 wheels Design	Vehicles having 3 should be Robust in construction for and carrying of collected Municipal Solid Waste wheels.				
		2.	Chassis Construction	Ladder type welded construction consisting of two symmetrical beams / rails / channels running the length of the cart with transverse cross - members connecting them fabricated using CRC MS square pipes of suitable size with Anti Rust Proof powder coating				
		3.	Dimensions of cart	Overall Length: 2760 mm + 5KNMT Tolerance Overall width 1000 mm 5KNMT Tolerance				

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		4.	Motor	Brushless DC Motor 1500W / 60V Original				
		5.	Transmission	Single central axis differential drive with Both forward and reverse direction				
		6.	Ground Clearance	160 mm To 170 mm .				
		7.	Pay Load	Not less than 375 Kgs				
		8.	Range per Charge	80 -100 Km per Charge				
		9.	Speed of Vehicle	Maximum 25 Kms per Hour				
		10.	Rear Cargo Box Size (LxBxH)	a) Dimension: Not less than 1400 mm x 1000 mm x 450 mm (LxBxH). b) Should be fabricated using MS Sheet, MS Square pipes of suitable thickness and size). c) Rear Door: Foldable single door arrangement. d) Side door foldable single door arrangement. e) Both side doors should be made of MS Sheet of thickness not less than 0.6 mm f) Flooring should be made of MS Sheet of thickness not less than 1.6 mm				
		11.	Grade ability {Climbing ability}	7 degree (Minimum).				
		12.	Brake System	Double Rear drum Pedal Type				
		13.	Wheels & Tyres	Front: 3.75 - 12 (6PR) - 1 No. Rear: 3.75 – 12 (6PR) - 2 Nos. Spare tyre assy. - 1 No.				
		14.	Seating Capacity	Cushioned seat to accommodate 2 Person				
		15.	Cabin	Weather proof complete metal enclosed cabin with Windscreen glass (Toughened) for driver protection with necessary frame structure for protection from heat and rain				

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		16.	Suspension	Front: Heavy duty Hydraulic shocker. Rear: Leaf spring with hydraulic shocker				
		17.	Charger	15 Amp SMPS Charger				
		18.	Accessories:	Accessories: 1) Head lamp, Speedo Meter, front & rear indicators should be provided. 2) Fire Extinguishers. 3) Functional safety by providing circuit breaker (MCB) 4) Public Addressing System 5) GPS tracking				
		19.	Battery Capacity	100 AH - 48 V. SEALED LEAD ACID ION battery				
		20.	Charging Duration	Not more than 3 Hours				
		21.	warranty for vehicles	The successful bidder should provide one year warranty for vehicles including repair and replacement				
		22.	Warranty for Sealed Lead Acid Battery	The successful bidder should provide three years warranty for Sealed Lead Acid Battery				
		**For the first one year the operation and Maintenance cost per BOV shall be the responsibility of the supplier.						
	3 Nos.	Three wheeler Sealed Lead Acid Battery Operated Vehicle			1No. (one number)			

(Approved in Item No. 01 to 01 only)

Assistant Engineer
Kanyakumari Town Panchayat (HQ)
Kanyakumari District

Assistant Executive Engineer
TownPanchayats
Kanyakumari Zone