

ARALVOIMOZHI TOWN PANCHAYAT
TENDER SCHEDULE

Name of Work: Supply and purchase of Battery Operated Vehicle - 14 Nos (Sealed Lead Acid Battery Operated Vehicle) in Aralvoimozhi town panchayat

Estimate Amount : 21,70,000/-

Tender Date:

Closing time:

Opening time:

EMD Rs.

Schedule issued to M/s.
Schedule Cost Rs.
Remitted Vide Chellan No.
Date:

Executive Officer

Aralvoimozhi Town Panchayat

Sl.No.	Qty.			Description of work	Rate (Figure & words)	Per	Amount
1	14	Nos	Battery operated Vehicles having 3 wheels Design Chassis Construction	Vehicles having 3 should be Robust in construction for and carrying of collected Municipal Solid Waste. wheels 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		One Number	

Sl.No.	Qty.			Description of work	Rate (Figure & words)	Per	Amount
			Dimensions of cart	Overall Length: 2760mm + 5% Tolerance Overall width 1000mm 5% Tolerance			
			Motor	Brushless DC Motor 1500W/60V Original			
			Transmission	Single central axis differential drive with Both forward and reverse direction			
			Ground Clearance	160 mm To 170mm			
			Pay Load	Not less than 375 Kgs			
			Range per Charge	80 -100 Km per Charge			
			Speed of Vehicle	Maximum 25 Kms per Hour			
			Rear Cargo Box Size (Lx Bx H)	a).Dimension : Not less than 1400mm x 1000mm x 450mm (L X BX H) 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 M.S Sheet of thickness not less than 0.6 mm f) Flooring should be made of M.S Sheet of thickness not less than 1.6 mm			
			Grade ability {Climbing ability	7 degree (Minimum).			

Sl.No.	Qty.			Description of work	Rate (Figure & words)	Per	Amount
			Brake System	Double Rear drum Pedal Type			
			WHEELS & TYRES	Front: 3. 75 - 12 (6PR) - 1 No. Rear: 3. 75 - 12 (6PR) - 2 Nos, Spare tyre assy. - 1 No.			
			Seating Capacity	Cushioned seat to accommodate 2 Person			
			Cabin	Weather proof complete metal enclosed cabin with Windscreen glass (Toughened) for driver protection with necessary frame structure for protection from heat and rain			
			Suspension	Front: Heavy duty Hydraulic shocker. Rear: Leaf spring with hydraulic shocker			
			Charger	15 Amp SMPS Charger			
			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			
			Batteery Capacity	100 AH - 48 V. Reputed Brand Sealed Lead Acid			
			Charging Duration	Not more than 10 Hours			
			warranty for vehicles	The successful bidder should provide one year warranty for vehicles including repair and replacement			

Sl.No.	Qty.			Description of work	Rate (Figure & words)	Per	Amount
			Warranty for Lithium Battery	<p>The successful bidder should provide three years warranty for Sealed Lead Acid</p> <p>For the first one year the operation and Maintenance cost per BOV shall be the responsibility of the supplier.</p>			

Signature of the Contractor

Junior Engineer
Town Panchayats
Aralvoimozhi (H.Q)

Assistant Executive Engineer
Town Panchayats
Kanyakumari zone