



**OFFICE OF THE ROURKELA MUNICIPAL CORPORATION**  
**UDITNAGAR, ROURKELA, ODISHA-769012**  
**E-mail ID: rourkelamunicipality@gmail.com**

**Tender No. 15292**

**Date. 30.11.2021**

**Tender Notice**

Rourkela Municipal Corporation invites sealed tender in separate envelope from experienced manufacturers / authorized distributors of Battery Operated E-Cart for **Supply, installation, testing, commissioning, trial run and maintenance of the 20 Nos. of Battery Operated Vehicles** under Rourkela Municipal Corporation area for collecting Solid Waste from Door to Door.

Tender documents for supply, installation, testing, commissioning and trial run of Battery Operated E-Cart can be downloaded from the website: [www.rmc.nic.in](http://www.rmc.nic.in) from 30.11.2021 to 21.12.2021 against payment of Rs.11, 200/- in shape of Demand Draft drawn in favour of Commissioner, Rourkela Municipal Corporation, Rourkela from any nationalized bank payable at Rourkela. The tender document should be duly filled & submitted on due date along with cost of tender paper. Bids with EMD amounting to Rs. 1,20,000/- in shape of Demand Draft drawn in favour of Commissioner, Rourkela Municipal Corporation, Rourkela from any Nationalized bank payable at Rourkela shall be received up to 01.00 PM on 21.12.2021 & shall be opened on the same day at 4.00 PM at Office Chamber of Commissioner, RMC, Uditnagar, Rourkela in presence of interested bidders. Bids without requisite EMD shall not be considered. The Bid documents shall be submitted through Registered Post/ Speed Post/ Courier/ or by hand addressed to "The Commissioner, Rourkela Municipal Corporation, Uditnagar, Rourkela, Dist.-Sundargarh (Odisha), PIN-769012.

The corrigendum / amendment to this notice if required shall be published only in the RMC website ([www.rmc.nic.in](http://www.rmc.nic.in)) and will not be published again in newspaper.

Authority reserves the right to accept or reject any or all the tenders or part thereof without assigning any reason.

**Sd/-**  
**Commissioner**  
**Rourkela Municipal Corporation**  
**Date: 30.11.2021**

**Memo No. 15293**

Copy to Office Notice Board/ MIS, RMC for general information to public.

**Sd/-**  
**Commissioner**  
**Rourkela Municipal Corporation**  
**Date: 30.11.2021**

**Memo No: 15294**

Copy to Director, I&PR Dept., Govt. of Odisha, Bhubaneswar for information and requested to publish the copy of above mentioned notice in One highly circulated Odia daily newspaper (all editions) and One highly circulated English Daily newspaper (in all India Edition) on 01.12.2021. The font size should be 8 Points and rate should be as per I&PR.

**Sd/-**  
**Commissioner**  
**Rourkela Municipal Corporation**

## **Description of Tender Call Notice**

Sealed tenders are invited for Supply & Maintenance of 20 Nos. of Battery Operated E-Cart from experienced manufacturers / authorized distributors.

### **Battery Operated Vehicles (E-Cart) Specification**

<b>Sl. No</b>	<b>Details of Specification</b>	<b>Requirement</b>
1	Type of E-Cart	Fully Electric motor driven with front Auto fascia as accessories, Auto rickshaw type front design
2	Vehicle Certification	Number & date must be specified
3	Garbage Carrying Capacity	310 kg
4	Type of Chassis for E-Cart	ED coated all weather proof Long life Tubular Chassis
5	Windshield	Full Windshield equipped with Electric Wiper Motor
6	Two Speed Gear Box	Equipped with two Speed gear Box to help climbing gradients
7	Run Distance (for full charge of battery to be tested with full load at Maximum AIS-040) Km	80 KM & above
8	Speed of the E-Cart	Minimum 25 KMPH
9	Number of Bins	2 Nos.
10	Type of Body of the E-Cart	Closed Body with Separate Chamber
11	Capacity of Individual Bins	160 Ltr
12	Wheel Base (mm)	Minimum 2140 Millimetre
13	Turning Radius (mm)	Minimum 3000 Millimetre
14	Power Transmission from Motor Shaft to Wheels	Direct Mounting
15	Tipping Angle	75
16	Method of Tipping	Hydraulic (Automatic)
17	Type of Battery	Lithium Ferrous Phosphate (prismatic cell)
18	Battery Charger	230 V, 20 AMP
19	Warranty Period of Battery	Minimum 3 Years
20	Capacity of Battery	80 (Ah) or above
21	Battery Make	OKAYA/ LUMINUS/ MICROTEK & Other Equivalent
22	Battery Voltage Nominal (Volts)	50 Volt and above
23	Motor Output Power 48V/ 68V at Full Load Watt	2000 + 50
24	Overall efficiency of the E-Cart (to be tested at full load with maximum speed as per concerned AIS Standard (%))	85
25	Vehicle Certification	ARAI/ ICAT
26	Vehicle Lighting System	LED
27	No. of Free Servicing	Minimum 5 Numbers
28	Colour of E-Cart	Blue/Green
29	Quality of Body	The E-Cart must fabricated from good quality Steel properly painted to avoid rusting for more than 5 years
30	Equipped with First Aid Box	Yes
31	Equipped with Fire Extinguisher	Yes
32	Yellow colour reflective tape on front and rear side of the E-Cart	Yes
33	Length of E-cart as per Gazette Notification by Ministry of Road and Transport Oct, 2014 (meters)	2.72

34	Width of E-cart as per Gazette Notification by Ministry of Road and Transport Oct, 2014 (meters)	0.985
35	Height of E-cart as per Gazette Notification by Ministry of Road and Transport Oct, 2014 (meters)	1.715
36	Size of Front Tyre (mm)	90/90-12
37	Size of Rear Tyre (mm)	90/90-12
38	Brake Type (Front)	Drum/ Mechanical
40	Brake Type (Rear)	Drum/ Mechanical
41	Suspension System (Front)	Hydraulic Shocker/ Shocker
42	Suspension System (Rear)	Leaf Spring/ Shocker + Leaf
43	Reverse Gear Facility	Yes
44		

## **Eligibility for Bidding**

The bidders under above specifications fulfil the following criteria

- a) E-Card design should conform to transportation of good materials and rules framed under Motor Vehicle Rule Act.
- b) The base model of the Electronic Battery Operated Vehicle must have been certified by authorized Motor Vehicle Certification agency, viz. ICAT, ARAI, etc. E-Card design and make should be in commercial line and should be capable of customization as per the requirement of Rourkela Municipal Corporation and the supplier should be agreeable for doing the same.
- c) The bidder should have experience to provide necessary field erection and management service required to successfully supply, test and commission the systems as required under the specification.
- d) The bidder must have fulfilled all statutory requirements including GST certificate.

## **Instruction to Bidders**

1. The Bidders must have capacity to supply the required Battery Operated Vehicles (E-Carts) within 20 days of acceptance of purchase order.
2. The number of Battery Operated Vehicles (E-Carts) to be purchased is subject to change without any notice.
3. The tenders of such firms shall only be considered who have purchases/downloaded the tender forms from the RMC Website ([www.rmc.nic.in](http://www.rmc.nic.in)) by enclosing with prescribed fee of the tender document (Non-refundable) in shape of Demand Draft.
4. If due to any reason the due date is declared as a holiday, the tender will be opened on the next working day at the same time.
5. The last date of receipt of the tender is up to 01.00 PM on \_\_\_\_\_. Sealed tenders will only be accepted during office hours on working days through Registered Post/ Speed Post/ Courier/ or by hand addressed to "The Commissioner, Rourkela Municipal Corporation, Uditnagar, Rourkela, Dist.- Sundargarh (Odisha), PIN-769012. Tender received after due date & time will not be considered.
6. EMD drawn in favour of Commissioner, Rourkela Municipal Corporation, Rourkela payable at Rourkela as specified above should be accompanied with tender document. Tender without deposit of EMD will not be accepted.
7. Intending bidders are required to carefully go through the tender specification before submitting their offer.
8. Deviation in terms & conditions, any changes in specification will not be accepted. Incomplete & conditional tenders are not acceptable.
9. Notice inviting tender, original tender documents, prescribed TECHNICAL BID (Annexure-A), PRICE BID (Annexure-B), terms & conditions, copy of Valid GST certificate, copy of PAN Card, Certificate from Authorized Motor Vehicle Certification Agency and other statutory documents, will form the part of tender.
10. Original tender documents, **TECHNICAL BID (Annexure-A)**, **PRICE BID (Annexure-B)**, copy of Valid GST certificate, copy of PAN Card, copy of Certificate from Authorized Motor Vehicle Certification Agency and other statutory documents should be signed and sealed on every page by the authorized person on behalf of the Bidder. The bid must be submitted in double cover separate in and submitted by the Bidder; otherwise tender is liable for rejection or
11. The bids shall be submitted in **English language only**, and shall be sealed in outer and inner envelopes (Outer envelopes containing two envelopes- 1. Technical Bid 2. Financial Bid) and all envelopes shall indicate the bidder's name and address. The outer envelope shall be addressed to The Commissioner, Rourkela Municipal Corporation, Uditnagar, Rourkela-769012, Dist.- Sundargarh (Odisha) with full address of applicant and super scribed as **"Tender for Supply of Battery Operated Vehicles (E-Carts)"**.

12. First sealed envelope should contain TECHNICAL BID as per Annexure-A, Paper Cost, EMD, Technical Specification, valid GST certificate, PAN Card, Commercial terms & conditions, other tender documents duly signed & sealed, certificate and proof as per qualification criteria as well as brochure, literature etc. It should be super scribed with "PART-I TECHNICAL BID". All the papers of tender document except PRICE BID duly signed should be submitted in the first envelope.
13. Second sealed envelope should contain PRICE BID as per Annexure-B. It should be super scribed with "PART-II PRICE BID". Any conditions in regard to financial aspects, payments, etc., beyond the prescribed financial terms of RMC will make the tender invalid. Therefore, the bidders not to write anything extra in the PRICE BID in Annexure-B, except price.
14. The bidders are required to furnish their offers in the PRICE BID (Annexure-B) in both words & figures. Correction if any shall be made by crossing out with signature of authorized person.
15. The Bidders shall essentially indicate the break-up of prices as shown in PRICE BID (Annexure-B).
16. The price towards supply of E-cart and AMC for 3 years shall be quoted separately and will be evaluated separately as per requirement.
17. The bidder shall submit a 360 Degree video of the E-Cart to be supplied in a pen-drive along with the Technical Bid Document.
18. The offer price shall be valid for 180 days from the date of opening of the bid.
19. Canvassing in any manner is strictly prohibited. The same will lead to rejection of the tender.
20. In case of any correction or overwriting made by the bidder in the rates offered, it should be signed & sealed by the authorized person; otherwise, the tender is liable for rejection.
21. Certificate of quality assurance, guarantee, and conditions of AMC must be provided.
22. Tenders will be accepted & will be opened as per information mentioned in the Notice Inviting Tender.
23. On the date & time of opening of tender only authorized person or any other person possessing authorization letter is allowed to participate in tender.
24. The procedure of opening of the tender shall be as under
  - a) First envelope "PART-I TECHNICAL BID" shall be opened at the time & date mentioned in the tender notice by the Tender Committee of RMC in presence of the Bidders, who wish to attend. If necessary, the firms may be called for Technical Presentation of their product as per the time intimated by RMC.
  - b) Second envelope "PART-II PRICE BID" shall be opened after evaluation of technical suitability of the offer. The date of opening of PRICE BID shall be same day or the date finalized by Tender Committee to be communicated later on. PRICE BID of only those Bidders shall be opened whose TECHNICAL BID shall be found Techno-commercially suitable.
25. In case of supply of any defective E-Cart or sub-standard E-Cart the supplies will be rejected & it will be the responsibility of the supplier for taking back & replacing the rejected E-Cart at their own cost. The supplier shall replace the defective/ sub-standard E-Cart within 15 days from the date of rejection failing which security deposit of the concerned firm shall be forfeited and the rejected E-Cart will be disposed off through public auction. The sale proceeds thereof will be deposited in RMC account.
26. Any clarification on the technical specification and commercial terms and conditions may be communicated in writing to the E-mail ID of RMC ([rourkelamunicipality@gmail.com](mailto:rourkelamunicipality@gmail.com)).
27. The supplied E-Cart should be strictly as per specifications as mentioned in the tender, otherwise the E-Cart would be liable for rejection.
28. Commissioner, Rourkela Municipal Corporation reserves the right to reject or accept any or all tenders without assigning any reason thereof.

29. **Award of Contract:** The contract will be awarded to the L1 quoted firm/ agency.
30. **Performance Security:** The successful bidder to whom award of contract will be issued shall have to deposit 7% of the contract value only towards performance security in shape of Performance Bank Guarantee (PBG)/ Term Deposit Receipt (TDR) prior to execution of agreement within 7 days.

I/ We carefully read & understood the above terms & conditions of the tender & agree to abide by them.

**Signature of Bidder with Seal**

**Bidder's Name:**

**UNDERTAKING**

M/s \_\_\_\_\_ Authorized Person Name  
\_\_\_\_\_  
\_\_\_\_\_ Son/ Daughter \_\_\_\_\_  
resident of \_\_\_\_\_ being Proprietor/ Partner/  
Authorized representative of M/S \_\_\_\_\_  
of whose GST No. is \_\_\_\_\_ & Income Tax PAN No. is  
\_\_\_\_\_.

I do hereby give consent to RMC to deduct from our Bill whatever applicable dues of the GST & IT Department on their demand.

Place:

**Signature of Bidder with Seal**

Date:

**Bidder's Name:**

## **Commercial Terms & Conditions**

### **1. Rate:**

The offer should be for Supply, installation, testing, commissioning, trial run and maintenance of Battery Operated Vehicle (E-Cart) including all taxes, duties, transportation cost but excluding of GST applicable. A separate proposal shall be submitted for AMC of E-Cart. The offered unit cost must be inclusive of packing, forwarding, loading & unloading charges, cost of insurance and transportation FOR destination (Rourkela), taxes, duties etc. The offer price shall be valid 180 days from the date of opening of the Bid.

### **2. Tax & Duties etc.:**

All Taxes and duties as prescribed under Government rules would be applicable.

### **3. Earnest Money deposit (EMD):**

EMD money is Rs.1,20,00/- in shape of Demand Draft from any nationalized bank drawn in favour of Commissioner, Rourkela Municipal Corporation payable at Rourkela is required to be submitting along with the tender document. Tender document will not be accepted Without EMD.

- a) EMD would be refunded to the unsuccessful Bidders after finalization of the tender without any interest.
- b) EMD would be returned to the Successful Bidder after contract signing and submission of PBG/ TDR.
- c) EMD would be forfeited in case of non-compliance of the purchase order by the successful bidder.

### **4. Schedule of Supply:**

The supply of required Battery Operated Vehicles (E-Carts) shall be executed within 20 days of acceptance of purchase order.

### **5. Warranty:**

Five years warranty on the metal body and two years on mechanical parts to be provided by the supplier. It is mandatory on the part of the manufacturer to provide at least five free services during the warranty period. On completion of Two years warranty period, service under AMC to be provided by the supplier if opted. The supplier shall furnish a guarantee/ warranty certificate to the above effect along with the information in the format for warranty card along with operation of E-Cart.

### **6. (a) Payment:**

No advance payment to be made to the supplier. Payment will be made 100% of the order value for E-Cart supplied. The payment shall be released on submission of bills, challans, GST certificate etc. on supply of the vehicle at Rourkela and completion of 72 hrs of running on road of E-Cart verification thereof.

### **(b) Penalty Clause:**

Penalty @0.5% per week of the order value shall be imposed for delayed supply beyond the supply schedule at Clause No.4.

### **7. Training Program:**

Training program of users, technical personnel & operator of RMC or its franchise should be conducted by the bidder as per the discretion of RMC.

### **8. After Sales Service:**

The bidder should have fully equipped after-sales service centre and adequate manpower for providing service in Rourkela after award of contract. Five years warranty on the metal body and two years on mechanical parts to be provided by the supplier. It is mandatory on the part of the manufacturer to provide at least five free services during the warranty period. On completion of Two years warranty period, service under AMC to be provided by the supplier if opted.



**9. Dispute:**

For adjudication of any dispute between RMC and the Bidder arising in this case, reference can be made to any Law courts under the jurisdiction of Rourkela. Commissioner, Rourkela Municipal Corporation reserves the right to reject or accept any or all tenders without assigning any reason thereof.

I/ We carefully read & understood the above terms & conditions of the tender & agree to abide by them.

**Signature of Bidder with Seal**

**Bidder's Name:**

**ANNEXURE-A TECHNICAL BID**

Sl. No	Documents	(Yes/No) Attached Documentary Information
1	Name of the Firm/ Agency/ Registration Details	
2	Type of Firm/ Agency (OEM/ Authorized Dealer)	
3	PAN No.	
4	GST Number	
5	Tender Paper Cost (DD of Rs._____)	
6	EMD (DD of Rs._____)	
7	A.If OEM, Manufacturing facility is ISO-9001 Certified) B.For Dealers, should submit documentary evidence issued by manufacturer	
8	IT Returns of last 3 years	

**Signature of Bidder with Seal**

**Bidder's Name:**

**Technical Qualification Criteria of E-Cart**

<b>Sl. No</b>	<b>Details of Specification</b>	<b>Requirement</b>	<b>Complied (Yes/ No)</b>
1	Type of E-Cart	Fully Electric motor driven with front Auto fascia as accessories, Auto rickshaw type front design	
2	Vehicle Certification	Number & date must be specified	
3	Garbage Carrying Capacity	310 kg	
4	Type of Chassis for E-Cart	ED coated all weather proof Long life Tubular Chassis	
5	Windshield	Full Windshield equipped with Electric Wiper Motor	
6	Two Speed Gear Box	Equipped with two Speed gear Box to help climbing gradients	
7	Run Distance (for full charge of battery to be tested with full load at Maximum AIS-040) Km	80 KM & above	
8	Speed of the E-Cart	Minimum 25 KMPH	
9	Number of Bins	2 Nos.	
10	Type of Body of the E-Cart	Closed Body with Separate Chamber	
11	Capacity of Individual Bins	160 Ltr	
12	Wheel Base (mm)	Minimum 2140 Millimetre	
13	Turning Radius (mm)	Minimum 3000 Millimetre	
14	Power Transmission from Motor Shaft to Wheels	Direct Mounting	
15	Tipping Angle	75	
16	Method of Tipping	Hydraulic (Automatic)	
17	Type of Battery	Lithium Ferrous Phosphate (prismatic cell)	
18	Battery Charger	230 V, 20 AMP	
19	Warranty Period of Battery	Minimum 3 Years	
20	Capacity of Battery	80	
21	Battery Make	OKAYA/ LUMINUS/ MICROTEK & Other Equivalent	
22	Battery Voltage Nominal (Volts)	50 Volt and above	
23	Motor Output Power 48V/ 68V at Full Load Watt	2000 $\pm$ 50	
24	Overall efficiency of the E-Cart (to be tested at full load with maximum speed as per concerned AIS Standard (%))	85	
25	Vehicle Certification	ARAI/ ICAT	
26	Vehicle Lighting System	LED	
27	No. of Free Servicing	Minimum 5 Numbers	
28	Colour of E-Cart	Blue/Green	
29	Quality of Body	The E-Cart must fabricated from good quality Steel properly painted to avoid rusting for more than 5 years	
30	Equipped with First Aid Box	Yes	
31	Equipped with Fire Extinguisher	Yes	
32	Yellow colour reflective tape on front and rear side of the E-Cart	Yes	
33	Length of E-cart as per Gazette Notification by Ministry of Road and Transport Oct, 2014 (meters)	2.72	

34	Width of E-cart as per Gazette Notification by Ministry of Road and Transport Oct, 2014 (meters)	0.985	
35	Height of E-cart as per Gazette Notification by Ministry of Road and Transport Oct, 2014 (meters)	1.715	
36	Size of Front Tyre (mm)	90/90-12	
37	Size of Rear Tyre (mm)	90/90-12	
38	Brake Type (Front)	Drum/ Mechanical	
40	Brake Type (Rear)	Drum/ Mechanical	
41	Suspension System (Front)	Hydraulic Shocker/ Shocker	
42	Suspension System (Rear)	Leaf Spring/ Shocker + Leaf	
43	Reverse Gear Facility	Yes	

**Signature of Bidder with Seal**

**Bidder's Name:**

**ANNEXURE-B PRICE BID**

**Supply, Operation and maintenance of E-Cart with two years warranty**

<b>Sl. No</b>	<b>Item</b>	<b>Rate per Unit</b>	<b>Total</b>
1	Supply and operation of 20 Nos. (Twenty) of battery Operated E-Cart including of all taxes, transportation, packing etc. but excluding of GST		
2	GST Applicable (to be quoted separately) in _____%		
<b>A</b>	<b>Total</b>		
3	Annual Maintenance Contract (AMC) for three years after two years of warranty period (Bidders are required to quote AMC charges for 3 <sup>rd</sup> , 4 <sup>th</sup> & 5 <sup>th</sup> years after two years of warranty)  3 <sup>rd</sup> Year:  4 <sup>th</sup> Year:  5 <sup>th</sup> Year:		
4	Taxes (for AMC only) if any		
<b>B</b>	<b>Total</b>		
<b>C</b>	<b>TOTAL (A+B)</b>		

N.B: The Offer Price shall be valid 180 days from the date of opening of the Bid.

**Signature of Bidder with Seal**

**Bidder's Name:**