

### Bid Document

Bid Details	
Bid End Date/Time	18-07-2020 18:00:00
Bid Opening Date/Time	18-07-2020 18:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Chhattisgarh
Department Name	Nagar Nigam Raigarh, Chhattisgarh
Organisation Name	N/a
Office Name	Municipal Corporation Raigarh
Total Quantity	10
Item Category	E Cart for Garbage with Tipping Facility
Bidder Turnover (Last 3 Years)	15 Lakh (s)
OEM Average Turnover (Last 3 Years)	15 Lakh (s)
Experience Criteria	1 Year (s)
MSE Exemption for Years Of Experience and Turnover	Yes
Startup Exemption for Years Of Experience and Turnover	Yes
Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Past Performance	80 %
Bid to RA enabled	No
Inspection Required	No

### EMD Detail

Required	No
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### ePBG Detail

Required	No
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## Splitting

Bid splitting not applied.

1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of years as indicated in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

2. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

3. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 80% of bid quantity, in at least one of the last three years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one year) to be submitted along with bid in support of quantity supplied in the relevant year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

## E Cart For Garbage With Tipping Facility ( 10 pieces )

### Technical Specifications

[\\* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Generic Parameters	Type of E Cart	Fully Electric, Battery Operated Motor Driven for Carrying Bins	*
	Model Number of E-Cart	-	*
	Colour of E Cart	-	*
	The E Cart Must Fabricated From Good Quality Steel properly Painted to avoid Rusting for more than 5 Years,	YES	*
	Name and Grade of	-	*

Steel from which E Cart Body Framed		
Kerb Weight of E- Cart (kg)	396	*
<b>Garbage Carrying Capacity (kg)</b>	310	310.0 - 310.0 Or higher
<b>Run Distance (for a Full Charge of Battery , to be tested with full load at maximum AIS-040 )) (km)</b>	80	More than 80.0 Or higher
<b>Number of Bins</b>	2	2
<b>Capacity of Individual Bins in litres (Ltrs)</b>	350	350.0
Type of Chassis for E cart	-	*
Ground Clearance as per IS : 9435 (mm)	180	*
<b>Wheel Base (mm)</b>	2045	More than 2045.0 Or higher
<b>Turning Radius (mm)</b>	3	Less than 3.0 Or lower
<b>Power Transmission from Motor Shaft to Wheels</b>	Direct Mounting	Direct Mounting
Please Specify the Mechanical Mechanism otherwise Put NA	-	*
Tipping Facility	Yes	*
<b>Tipping Angle</b>	75	75.0 - 90.0 Or higher
<b>Method of Tipping</b>	Hydraulic	Hydraulic
If Others, mention the method of Tipping	-	*
<b>Type of Battery as per AIS-048</b>	Lithium ion	Lithium ion
<b>Capacity of the Battery approved by ICAT/ARAI (Ah)</b>	100	100.0 - 9999999.0 Or higher
<b>Battery Voltage ,Nominal (Volts)</b>	48V	48V
Maximum Overall Dimensions of the Battery ( L x Wx H ) (mm3)	-	*
Nominal Filled Weight of the Battery (kg)	41.6	*

	Motor Controller ( Must Suitable for starting, accelerating, decelerating, driving , and stopping of E Cart	-	*
	Battery Charger	220/230 V Nominal Input Voltage , High Efficiency Type	*
	Charging Current (A)	40	*
	Type of Motor	Brushless DC Motor	*
	<b>Motor Output Power ,48V/60V at Full Load (watt)</b>	1200	1200.0 - 2000.0 Or higher
	<b>Overall Efficiency of the E Cart ( to be tested at Full Load with maximum speed as per Concerned AIS standards (%)</b>	85	85.0 - 100.0 Or higher
	Gradeability of E-cart , ( to be tested at full procedure as per AIS -003 Load (Degree)	7	*
Certification	<b>Vehicle Certification</b>	ARAI	ARAI
	If Vehicle Certification from Others Agency ,Name of the Agency otherwise put NA	-	*
	Vehicle Certification Number and Date	-	*
Constructional	Seating Facility	For Driver only	*
	Length of E -cart as per Gazette Notification by Ministry of Road and Transport Oct , 2014 (meters)	2.72	*
	Width of E -Cart as per Gazette Notification by Ministry of Road and Transport Oct, 2014 (meters)	0.998	*
	Height of E -Cart as per Gazette Notification by Ministry of Road and Transport Oct , 2014 (meters)	1.77	*
	Dimensions of the cabin Provided for Bins (mm x mm x mm)	-	*

	(mm3)		
	Size of Front Tyre (mm)	-	*
	Size of Rear Tyre	-	*
	Brake Type (Front)	-	*
	Brake Type ( Rear )	-	*
	Suspension System (Front)	-	*
	Suspension System ( Rear )	-	*
	Reverse Gear Facility	Yes	*
	The Mounting of Batteries	Yes	*
	<b>Vehicle lighting System</b>	Filament Type	Filament Type
	Instrument Panel Containing Speedometer and Battery Charging Indicator	Yes	*
	Glass Windshield with wiper motor as approved by ICAT/ARAI	Yes	*
	<b>Battery Make as per AIS :048:2009</b>	Others	Others
	If others please specify the Name of Brand ,Otherwise put NA (as per AIS048 2009)	-	*
	Equipped with Start and Stop Button, parking Lights , Back lights with Reverse Gear Facility	Yes	*
	Equipped with Fire Extinguisher	No	*
	Equipped with First Aid Box	Yes	*
	Yellow Color reflective tape on Front and Rear Side of the E Cart	Yes	*
	E Cart Integration ,	Yes	*
Performance Parameters	Speed of the E-Rickshaw as per CMVR -2014 with latest amndmt (to be tested with Full Load ) (kmph)	21	*

<b>Battery Warranty</b>	3	3 Or higher
<b>No. Of Free Service</b>	5	5 Or higher
Compliance of Centre of Gravity of E Cart as a Compulsory Norms for Safety	Yes	*
Confirming to Applicable Environmental Test	Yes	*
Noise level must be Low during Operation	Yes	*

\* Specifications highlighted in bold are the Golden Parameters.

\* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement ( allowed Values) by the Buyer.

### Additional Specification Documents

#### Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Suraj Kumar Dewangan	496001,Nagar nigam raigarh,beside of KGH hospital raigarh	10	30

### Bid Specific Additional Terms and Conditions

1. Availability of Service Centres: Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.
2. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
3. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
4. Over and above the normal Warranty terms as per GeM GTC, the successful bidder / OEM shall have to provide Comprehensive Warranty during the entire Standard warranty period as per contract. : The comprehensive warranty shall be covering the following scope yes (Upload an undertaking with the bid confirming compliance by the bidder if Bidder is taking onus of this compliance. In case OEM is taking onus of this compliance, OEM undertaking is to be uploaded along with Bidder undertaking)
5. Successful bidder will have to ensure that adequate number of dedicated technical service personals / engineers are designated / deployed for attending to the Service Request in a time bound manner and for ensuring Timely Servicing / rectification of defects during warranty period, as per Service level agreement indicated in the relevant clause of the bid.
6. Bidders can also submit the EMD with Account Payee Demand Draft in favour of commissioner municipal corporation payable at raigarh.  
Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure

- delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.
7. Bidders can also submit the EMD with Payment online through RTGS / internet banking in Beneficiary name commissioner municipal corporation raigarh Account No. 50200022282122 IFSC Code HDFC0001454 Bank Name HDFC BANK Branch address dhimrapur road raigarh. Bidder to indicate bid number and name of bidding entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer along with bid.
8. Successful Bidder can submit the Performance Security in the form of Account Payee Demand Draft also (besides PBG which is allowed as per GeM GTC). DD should be made in favour of commissioner municipal corporation payable at raigarh. After award of contract, Successful Bidder can upload scanned copy of the DD in place of PBG and has to ensure delivery of hard copy to the original DD to the Buyer within 15 days of award of contract.

[This Bid is also governed by the General Terms and Conditions](#)

**---Thank You---**