

Bid Document

Bid Details	
Bid End Date/Time	18-07-2020 21:00:00
Bid Opening Date/Time	18-07-2020 21:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Bihar
Department Name	Urban Development & Housing Department Bihar
Organisation Name	Urban Development And Housing Department
Office Name	Ara Nagar Nigam
Total Quantity	15
Item Category	E Cart for Garbage with Tipping Facility
Bidder Turnover (Last 3 Years)	25 Lakh (s)
OEM Average Turnover (Last 3 Years)	200 Lakh (s)
Experience Criteria	3 Year (s)
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Experience Criteria,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
Bid to RA enabled	Yes
Inspection Required	No

EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	0.50
EMD Amount	25500

ePBG Detail

Required	No
----------	----

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

Municipal Commissioner
ARA NAGAR NIGAM, Urban Development & Housing Department Bihar, Urban Development and Housing Department,
(Dhirendra Pawan)

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.

E Cart For Garbage With Tipping Facility (15 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)	310	*
Garbage Carrying Capacity (kg)	310	310.0 - 310.0 Or higher
Run Distance (for a Full Charge of Battery , to be tested with full load at maximum AIS-040)) (km)	95	More than 95.0 Or higher
Number of Bins	2	2
Capacity of Individual Bins in litres (Ltrs)	200	200.0
Type of Chassis for E cart	-	*
Ground Clearance as per IS : 9435 (mm)	300	*
Wheel Base (mm)	2040	More than 2040.0 Or higher
Turning Radius (mm)	2100	Less than 2100.0 Or lower
Power Transmission from Motor Shaft to Wheels	Direct Mounting	Direct Mounting
Please Specify the Mechanical Mechanism otherwise Put NA	-	*
Tipping Facility	Yes	*
Tipping Angle	75	75.0 - 90.0 Or higher
Method of Tipping	Hydraulic	Hydraulic
If Others, mention the method of Tipping	-	*
Type of Battery as per AIS-048	Lead Acid , EV Grade , Tubular Deep	Lead Acid , EV Grade , Tubular Deep

		Discharge	Discharge
	Capacity of the Battery approved by ICAT/ARAI (Ah)	110	110.0 - 9999999.0 Or higher
	Battery Voltage ,Nominal (Volts)	48V	48V
	Maximum Overall Dimensions of the Battery (L x Wx H) (mm3)	-	*
	Nominal Filled Weight of the Battery (kg)	120	*
	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)	15	*
	Type of Motor	Brushless DC Motor	*
	Motor Output Power ,48V/60V at Full Load (watt)	1160	1160.0 - 2000.0 Or higher
	Overall Efficiency of the E Cart (to be tested at Full Load with maximum speed as per Concerned AIS standards (%)	85	85.0 - 100.0 Or higher
	Gradeability of E-cart , (to be tested at full procedure as per AIS -003 Load (Degree)	0.99	*
Certification	Vehicle Certification	ICAT	ICAT
	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)	2.75	*

Width of E -Cart as per Gazette Notification by Ministry of Road and Transport Oct, 2014 (meters)	0.98	*
Height of E -Cart as per Gazette Notification by Ministry of Road and Transport Oct , 2014 (meters)	1.76	*
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	*
Vehicle lighting System	Filament Type	Filament Type
Instrument Panel Containing Speedometer and Battery Charging Indicator	Yes	*
Glass Windshield with wiper motor as approved by ICAT/ARAI	No	*
Battery Make as per AIS :048:2009	Others	Exide, 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	Yes	*

Performance Parameters	Equipped with First Aid Box	Yes	*
	Yellow Color reflective tape on Front and Rear Side of the E Cart	Yes	*
	E Cart Integration ,	Yes	*
	Speed of the E-Rickshaw as per CMVR -2014 with latest amndmt (to be tested with Full Load) (kmph)	23.3	*
	Battery Warranty	1	1, 2, 3 Or higher
	No. Of Free Service	2	2, 3, 4, 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	Purushottam Kumar	802301,ARA NAGAR NIGAM, OLD POLICE LINE	15	60

Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

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

---Thank You---