



Bid Number: GEM/2020/B/708956
Dated: 13-07-2020

Bid Document

Bid Details	
Bid End Date/Time	23-07-2020 21:00:00
Bid Opening Date/Time	23-07-2020 21:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	40 (Days)
Ministry/State Name	Haryana
Department Name	Rural Development Department Haryana
Organisation Name	District Rural Development Agency Panipat
Office Name	Panipat
Total Quantity	212
Item Category	E Cart for Garbage with Tipping Facility
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	OEM Authorization Certificate *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	No
Inspection Required	No

EMD Detail

Advisory Bank	State Bank of India
EMD Percentage(%)	1.00
EMD Amount	377784

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:

Clerk

Panipat, Rural Development Department Haryana, District Rural Development Agency Panipat,
(Rajender Singh)

Splitting

Bid splitting not applied.

E Cart For Garbage With Tipping Facility (212 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)	223	*
	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	80	Above 50

)) (km)		
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)	305	*
Wheel Base (mm)	2140	Any applicable numeric value
Turning Radius (mm)	60	Less than 60.0 Or lower
Power Transmission from Motor Shaft to Wheels	Direct Mounting	Direct Mounting, Chain, Sprocket Type, Other Mechanical Mechanisms
Please Specify the Mechanical Mechanism otherwise Put NA	-	*
Tipping Facility	Yes	*
Tipping Angle	75	75 - 90
Method of Tipping	Manual	Manual, Hydraulic, Others
If Others, mention the method of Tipping	-	*
Type of Battery as per AIS-048	Lead Acid , EV Grade , Tubular Deep Discharge	Lead Acid , EV Grade , Tubular Deep Discharge, Lithium ion
Capacity of the Battery approved by ICAT/ARAI (Ah)	120	120.0 - 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)	116	*
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)	1000	*
	Type of Motor	Brushless DC Motor	*
	Motor Output Power ,48V/60V at Full Load (watt)	1000	850 - 2000
	Overall Efficiency of the E Cart (to be tested at Full Load with maximum speed as per Concerned AIS standards (%)	95	75 - 100
	Gradeability of E-cart , (to be tested at full procedure as per AIS -003 Load (Degree)	500	*
Certification	Vehicle Certification	ICAT	ARAI, VRDE, ICAT, OTHERS
	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)	2.8	*
	Width of E -Cart as per Gazette Notification by Ministry of Road and Transport Oct, 2014 (meters)	1	*
	Height of E -Cart as per Gazette Notification by Ministry of Road and Transport Oct , 2014 (meters)	1.8	*
	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	LCD Based	Filament Type, LCD Based, LED Based
Instrument Panel Containing Speedometer and Battery Charging Indicator	Yes	*
Glass Windshield with wiper motor as approved by ICAT/ARAI	Yes	*
Battery Make as per AIS :048:2009	Exide	Okaya, Exide, ceil, Amaron, 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	*
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)	25
	Battery Warranty	1
	No. Of Free Service	3
	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	Rajender Singh	132103,ADC Office, Room No. 224, 2nd Floor, Mini Secretariat, Panipat	212	30

Bid Specific Additional Terms and Conditions

1. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
2. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
3. 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.
4. IMPORTED PRODUCTS: In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
5. Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)

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

---Thank You---