

Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 18:00:00
Bid Opening Date/Time	27-07-2020 18:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Odisha
Department Name	Housing And Urban Development Department Odisha
Organisation Name	N/a
Office Name	Nilgiri Nac
Total Quantity	5
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	Experience Criteria,Past Performance,Certificate (Requested in ATC),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
Past Performance	80 %
Bid to RA enabled	Yes
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. 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 (5 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)	316	*
	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)	80	More than 80.0 Or higher
	Number of Bins	2	2
	Capacity of Individual Bins in litres (Ltrs)	150	150.0
	Type of Chassis for E cart	-	*
	Ground Clearance as per IS : 9435 (mm)	180	*
	Wheel Base (mm)	2205	More than 2205.0 Or higher
	Turning Radius (mm)	800	Less than 800.0 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 Discharge	Lead Acid , EV Grade , Tubular Deep Discharge
	Capacity of the Battery approved by ICAT/ARAI (Ah)	160	160.0 - 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)	50	*
	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)	14	*
	Type of Motor	Brushless DC Motor	*
	Motor Output Power ,48V/60V at Full Load (watt)	1000	1000.0 - 2000.0 Or higher
	Overall Efficiency of the E Cart (to be tested at Full Load with maximum speed as per Concerned AIS standards (%)	75	75.0 - 100.0 Or higher
	Gradeability of E-cart , (to be tested at full procedure as per AIS -003 Load (Degree)	32	*
Certification	Vehicle Certification	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)	2.79	*
	Width of E -Cart as per Gazette Notification by Ministry of Road and Transport Oct, 2014 (meters)	0.997	*
	Height of E -Cart as per Gazette Notification by Ministry of Road and Transport Oct , 2014 (meters)	1.7	*
	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	Exide	Exide
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	Address	Quantity	Delivery Days
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	Officer			
1	Susant Kumar Behera	756040,Nilgiri, balasore	5	45

Bid Specific Additional Terms and Conditions

- 1.After award of contract – Successful Bidder shall have to get Detailed Design Drawings approved from buyer before starting fabrication. Successful Bidder shall submit Detailed Design Drawings for Buyer's approval, within 5 days of award of contract. Buyer shall, either approve the drawings or will provide complete list of modification required in the drawings within 5 days. Seller shall be required to ensure supply as per approved Drawings with modifications as communicated by Buyer. If there is delay from buyer side in approval of drawing- the delivery period shall be refixed without LD for the period of delay in approval of Drawing.
- 2.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)
- 3.Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.
- 4.ISO 9001: The bidder must have ISO 9001 certification.
- 5.Material Test Certificate Should Be Sent Along with The Supply. The Material Will Be Checked by Buyer's Lab & the Results of the Lab will be the Sole Criteria for Acceptance of the Item.
- 6.The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.

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

---Thank You---