

Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 13:00:00
Bid Opening Date/Time	27-07-2020 13:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	15 (Days)
Ministry/State Name	Andhra Pradesh
Department Name	Municipal Administration And Urban Development Department Andhra Pradesh
Organisation Name	Commissioner And Director Of Municipal Administration (c & Dma)
Office Name	Sattenapalle Municipality
Total Quantity	1
Item Category	e rickshaw for carrying goods
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Document required from seller	Past Performance *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	10 %
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. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 10% 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 Rickshaw For Carrying Goods (1 pieces)

Technical Specifications

* As per GeM Category Specification

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
Certification Parameters	Vehicle Certification	others	VRDE, ARAI, ICAT, others
	Vehicle Certification Number and Date	-	*
	If Vehicle Certification from Others Agency ,Name of the Agency otherwise put NA	-	*
Generic Parameters	Type of E Cart	Fully Electric, Battery Operated Motor Driven for Carrying Goods	Fully Electric, Battery Operated Motor Driven for Carrying Goods
	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,	-	*
	Name and Grade of Steel from which E Cart Body Framed	-	*
	Kerb Weight of E- Cart (kg)	700	Any applicable numeric value
	Goods Carrying Capacity (kg)	240	Up to 310
	Run Distance (for a Full Charge of Battery , to be tested with full load at maximum AIS-040 (km)	80	50 - 9999999
	Type of Chassis for E cart	-	*
	Ground Clearance as per IS : 9435	180	180 - 9999999
	Wheel Base (mm)	2400	Any applicable numeric value
	Turning Radius (mm)	6000	Any applicable numeric value
	Power Transmission from Motor Shaft to Wheels	Other Mechanical Mechanisms	Direct Mounting, Chain, Sprocket Type, Other Mechanical Mechanisms
	Please Specify the Mechanical Mechanism otherwise Put NA	-	*
	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)	165	0 - 9999999
	Battery Voltage ,Nominal	48V	48V, 60 V

	Maximum Overall Dimensions of the Battery (L x Wx H)(mm3)	-	*
	Nominal Filled Weight of the Battery (kg)	30	Any applicable numeric value
	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	220/230 V Nominal Input Voltage , High Efficiency Type
	Charging Current (A)	180	Any applicable numeric value
	Type of Motor	Brushless DC Motor	Brushless DC Motor
	Motor Output Power ,48V/60V at Full Load (watt)	1200	850 - 2000
	Overall Efficiency of the E Cart to be tested at Full Load with maximum speed as per Concerned AIS standards (%)	92	75 - 100
	Gradeability of E-cart to be tested at full procedure as per AIS -003 Load (Degree)	40	Any applicable numeric value
	Thickness of Material of Sheet used for Roof of E-Cart (mm)	2	0 - 9999999
	Material of the roof of E-Cart, if Enclosed Otherwise Put NA	Fibre Glass of Good Quality	Aluminium, MS, Fibre Glass of Good Quality, Combination of Fibre Glass with good Quality Metal, others
Constructional Parameters	Seating Facility Front	For Driver only	For Driver only
	Length of E -cart as per Gazette Notification by Ministry of Road and Transport Oct , 2014 (metres)	2.7	Up to 2.8
	Width of E -Cart as per Gazette Notification by Ministry of Road and Transport Oct, 2014 (meters)	0.9	Up to 1
	Height of E -Cart as per Gazette Notification by Ministry of Road and Transport Oct , 2014 (meters)	1.7	Up to 1.8
	Dimensions of the cabin Provided for Transport of Goods (mm x mm x mm) (mm3)	-	*
	Size of Front Tyre (mm)	-	*

	Size of Rear Tyre (mm)	-	*
	Brake Type (Front)	-	*
	Brake Type (Rear)	-	*
	Suspension System (Rear)	-	*
	Suspension System (Front)	-	*
	Reverse Gear Facility	Yes	Yes
	The Mounting of Batteries	Yes	Yes
	Vehicle lighting System	LED Based	Filament Type, LED Based, LCD Based
	Instrument Panel Containing Speedometer and Battery Charging Indicator	Yes	Yes
	Glass Windshield with wiper motor as approved by ICAT/ARAI	No	Yes, No
	Battery Make as per AIS :048:2009	Exide	Okaya, Exide, Ceil, Amaron, others
	If others please specify the material Otherwise put NA	-	*
	Equipped with Start and Stop Button, parking Lights , Back lights with Reverse Gear Facility	Yes	Yes
	Equipped with Fire Extinguisher	No	Yes, No
	Equipped with First Aid Box	Yes	Yes, No
	Yellow Color reflective tape on Front and Rear Side of the E Cart	Yes	Yes
	E Cart Integration ,	Yes	Yes
	Type of Cabin used for Transportation of Goods	Open	Open, Closed
	If others please specify the Name of Brand ,Otherwise put NA(as per AIS :048:2009)	-	*
Performance Parameters	Speed of the E-Cart as per CMVR -2014 with latest amndmt (to be tested with Full Load) (kmph)	21	20 - 25
	Battery Warranty in years (Years)	1	1, 2, 3
	No. Of Free Service	1	*
	Compliance of Centre of Gravity of E Cart as a Compulsory Norms for Safety	Yes	Yes
	Confirming to Applicable Environmental Test	Yes	Yes

	Noise level must be Low during Operation	Yes	Yes
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* 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	Boyapati Madhusudhan Rao	522403,Municipal office,Bypass road	1	15

Bid Specific Additional Terms and Conditions

- 1.Bidder / OEM has to give an undertaking that after expiry of warranty period, it will provide AMC Service for next 3 years for the offered products at the rate not more than 5 % of contract price per annum. Buyer reserves the right to enter into an AMC agreement (covering preventive maintenance and servicing)with the Successful Bidder / OEM after expiry of the Warranty period at rate as mentioned above and the payment for the AMC charges would be made Quarterly after rendering of the AMC Services of the relevant AMC period. Performance Security of the successful bidder shall be forfeited if it fails to accept the AMC contract when called upon by the buyer. The original Performance Security of contract will be returned only after submission and verification of AMC Performance Security for 2% of total AMC value valid up to AMC period plus 2 months (if there is no other claim). (Undertaking of acceptance to be uploaded with bid).
- 2.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.
- 3.Timely Servicing / rectification of defects during warranty period: After having been notified of the defects / service requirement during warranty period, Seller has to complete the required Service / Rectification within 15 days time limit. If the Seller fails to complete service / rectification with defined time limit, a penalty of 0.5% of Unit Price of the product shall be charged as penalty for each week of delay from the seller. Seller can deposit the penalty with the Buyer directly else the Buyer shall have a right to recover all such penalty amount from the Performance Security (PBG).Cumulative Penalty cannot exceed more than 10% of the total contract value after which the Buyer shall have the right to get the service / rectification done from alternate sources at the risk and cost of the Seller besides forfeiture of PBG. Seller shall be liable to re-imburse the cost of such service / rectification to the Buyer.

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

---Thank You---