

Bid Document

Bid Details	
Bid End Date/Time	25-07-2020 13:00:00
Bid Opening Date/Time	25-07-2020 13:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	75 (Days)
Ministry/State Name	Ministry Of Defence
Department Name	Department Of Defence
Organisation Name	Indian Army
Office Name	*****
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
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.

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	ICAT	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)	319	Any applicable numeric value
	Goods Carrying Capacity (kg)	310	Up to 310
	Run Distance (for a Full Charge of Battery , to be tested with full load at maximum AIS-040 (km)	90	50 - 9999999
	Type of Chassis for E cart	-	*
	Ground Clearance as per IS : 9435	180	180 - 9999999
	Wheel Base (mm)	3400	Any applicable numeric value
	Turning Radius (mm)	2200	Any applicable numeric value
	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		
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)	110	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)	136	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)	15	Any applicable numeric value
Type of Motor	Brushless DC Motor	Brushless DC Motor
Motor Output Power ,48V/60V at Full Load (watt)	1500	850 - 2000
Overall Efficiency of the E Cart to be tested at Full Load with maximum speed as per Concerned AIS standards (%)	85	75 - 100
Gradeability of E-cart to be tested at full procedure as per AIS -003 Load (Degree)	20	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)	2.8	Up to 2.8
	Width of E -Cart as per Gazette Notification by Ministry of Road and Transport Oct, 2014 (meters)	1	Up to 1
	Height of E -Cart as per Gazette Notification by Ministry of Road and Transport Oct , 2014 (meters)	1.8	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	Filament Type	Filament Type, LED Based, LCD Based
	Instrument Panel Containing Speedometer and Battery Charging Indicator	Yes	Yes
	Glass Windshield with wiper motor as approved by	Yes	Yes, No

	ICAT/ARAI		
	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)	24	20 - 25
	Battery Warranty in years (Years)	1	1, 2, 3
	No. Of Free Service	3	*
	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

* 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	*****	*****AMRITSAR	1	30

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---