

Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 19:00:00
Bid Opening Date/Time	27-07-2020 19:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (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 passenger
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,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	80 %
Bid to RA enabled	No
Inspection Required	No
Estimated Bid Value	150000

EMD Detail

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

ePBG Detail

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

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. 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 Rickshaw Passenger (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
certification Parameters	Vehicle Certification	ICAT	VRDE, ICAT, ARAI, OTHERS
	If Vehicle Certification from Others Agency ,Name of the Agency otherwise put NA	-	*
	Vehicle Certification Number and Date	-	*
Generic Parameters	Type of E Rickshaw	Fully Electric, Battery Operated Motor Driven	Fully Electric, Battery Operated Motor Driven
	Model Number of E-Rickshaw	-	*
	The E rickshaw 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 Rickshaw Body Framed	-	*
	Kerb Weight of E-Rickshaw (kg)	228	228.0
	Laden Weight &(Kerb Weight + Loading Capacity including driver passenger and luggage) (kg)	725	350 - 3000
	Run Distanc(for a Full Charge of Battery , to be tested with full load at maximum AIS-040))(km)	76	50 - 9999999
	Ground Clearance as per IS : 9435 (mm)	200	180 - 9999999
	Turning Radius (mm)	2050	Any applicable numeric value
	Wheel Base (mm)	2010	Any applicable numeric value
	Power Transmission from Motor Shaft to Wheels	Direct Mounting	*
	Please Specify the Mechanical Mechanism otherwise Put NA	-	*

Material of the roof of E-Rickshaw	others	Aluminium, MS, Fibre Glass of Good Quality, Combination of Fibre Glass with good Quality Metal, others
Thickness of Material of Sheet used for Roof of E-Rickshaw (mm)	0	Any applicable numeric value
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	0 - 9999999
Battery Voltage ,Nominal (Volts)	48V	48V
The Mounting of Batteries in E- vehicles	Yes	Yes
Maximum Overall Dimensions of the Battery (L x Wx H) (mm3)	-	*
Nominal Filled Weight of the Battery (kg)	150	Any applicable numeric value
Motor Controller(Must Suitable for starting, accelerating, decelerating, driving , and stopping of E Vehicle	-	*
Battery Charger	220/230 V Nominal Input Voltage , High Efficiency Type	220/230 V Nominal Input Voltage , High Efficiency Type
Charging Current (Ampere)	15	Any applicable numeric value
Type of Motor	Brushless DC Motor	Brushless DC Motor
Motor Output Power 48V at Full Load (watt)	1500	850 - 2000
Overall Efficiency of the E Rickshaw (to be tested at Full Load with maximum speed as per Concerned AIS standards (%)	76	75 - 100
Gradeability of E-Rickshaw	Yes	Yes
Material of the roof of E-Rickshaw, if others please specify the material Otherwise put NA	-	*
Vehicle Integration packing of Electrical and electronics	Yes	Yes
Seat Must be Good Quality with Proper cushioning	Yes	Yes
Constructional Parameters	Seating Capacity (Passengers + Driver)	4 +1
	Length of E -Rickshaw as	2.8 0 - 2.8

	per Gazette Notification by Ministry of Road and Transport Oct , 2014 (meters)		
	Width of E -Rickshaw as per Gazette Notification by Ministry of Road and Transport Oct 2014 (meters)	1	0 - 1
	Size of Front Tyre (mm)	-	*
	Size of Rear Tyre (mm)	-	*
	Brake Type (Rear)	-	*
	Brake Type (Front)	-	*
	Suspension System (Rear)	-	*
	Suspension System (Front)	-	*
	Glass Windshield with wiper motor as approved by ICAT/ARAI	Yes	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 AIS 048 2009)	-	*
	Equipped with Start and Stop Button, parking Lights , Back lights with Reverse Gear Facility	Yes	Yes
	Equipped with Fire Extinguisher	Yes	Yes, No
	Vehicle lighting System	Filament based	Filament based, LCD Based, LED Based
	Reverse Gear Facility	Yes	Yes
	Yellow Color reflective tape on Front and Rear Side of the Vehicle	Yes	Yes
	Equipped with First Aid Box	Yes	Yes, No
	Instrument Panel Containing Speedometer and Battery Charging Indicator	Yes	Yes
	Numbers for Roof Handles to ease passengers entry and Ride	6	4, 5, 6
performance Parameters	Speed of the E- Rickshaw as per CMVR -2014 with latest amndmt (to be tested with Full Load) (kmph)	24	*
	Battery Warranty	1	1, 2, 3
	No. Of Free Service	1	1, 2, 3, 4, 5
	Complaine of Centre of Gravity of Vehicle as a Compulsory Norms for	Yes	Yes

	Safety		
	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	*****	*****JAISALMER	1	15

Bid Specific Additional Terms and Conditions

- For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:
 - Purchase Order copy along with Invoice(s) with self-certification by the bidder that supplies against the invoices have been executed.
 - Execution certificate by client with order value.
 - Any other document in support of order execution like Third Party Inspection release note, etc.
- Bidder Turn Over Criteria: The minimum average annual financial turnover of the bidder 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 bidder 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.

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

---Thank You---