

Bid Document

Bid Details	
Bid End Date/Time	24-07-2020 13:00:00
Bid Opening Date/Time	24-07-2020 13:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	60 (Days)
Ministry/State Name	Ministry Of Defence
Department Name	Department Of Defence
Organisation Name	Indian Air Force
Office Name	*****
Total Quantity	1
Item Category	e rickshaw for carrying goods
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	50 %
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. 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 50% 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)	330	330.0

Goods Carrying Capacity (kg)	310	310.0
Run Distance (for a Full Charge of Battery , to be tested with full load at maximum AIS-040 (km)	90	90
Type of Chassis for E cart	-	*
Ground Clearance as per IS : 9435	180	180
Wheel Base (mm)	2140	2140.0
Turning Radius (mm)	2880	2880.0
Power Transmission from Motor Shaft to Wheels	Direct Mounting	Direct Mounting
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
Capacity of the Battery approved by ICAT/ARAI (Ah)	100	100
Battery Voltage ,Nominal	48V	48V
Maximum Overall Dimensions of the Battery (L x Wx H)(mm3)	-	*
Nominal Filled Weight of the Battery (kg)	96	96.0
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)	10	Any applicable numeric value
Type of Motor	Brushless DC Motor	Brushless DC Motor
Motor Output Power ,48V/60V at Full	900	850 - 2000

Constructional Parameters	Load (watt)		
	Overall Efficiency of the E Cart to be tested at Full Load with maximum speed as per Concerned AIS standards (%)	75	75 - 100
	Gradeability of E-cart to be tested at full procedure as per AIS -003 Load (Degree)	85	Any applicable numeric value
	Thickness of Material of Sheet used for Roof of E-Cart (mm)	4	0 - 9999999
	Material of the roof of E-Cart, if Enclosed Otherwise Put NA	Fibre Glass of Good Quality	Fibre Glass of Good Quality
	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)	1	Up to 1
	Height of E -Cart as per Gazette Notification by Ministry of Road and Transport Oct , 2014 (meters)	1.2	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
	Instrument Panel Containing Speedometer and Battery Charging Indicator	Yes	Yes
	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 material Otherwise put NA	-	*
	Equipped with Start and Stop Button, parking Lights , Back lights with Reverse Gear Facility	Yes	Yes
	Equipped with Fire Extinguisher	Yes	Yes
	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
	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)	25	25

Battery Warranty in years (Years)	1	1.0
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

* 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	*****	*****KANPUR NAGAR	1	30

Bid Specific Additional Terms and Conditions

1. 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.
2. 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.
3. ISO 9001: The bidder must have ISO 9001 certification.
4. 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.
5. For fulfilling the experience criteria any one of the following documents may be considered as valid proof for meeting the experience criteria:
 - a. Purchase Order copy along with Invoice(s) with self-certification by the bidder that supplies against the invoices have been executed.
 - b. Execution certificate by client with order value.
 - c. Any other document in support of order execution like Third Party Inspection release note, etc.
6. 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---