

Ref. No.: F.5(5)SPUP/2013/Purch/E-Rickshaw/ 1114


Date: 15/06/19

Tender Notice ("Procurement Through GeM")

Tender for supply of **E-Rickshaw (2 Nos.)** at Sardar Patel University of Police, Security & Criminal Justice, Jodhpur, is invited through GeM with **Bid Number GEM/2019/B/249169** dated 15.06.2019 for Original Equipment Manufacturers or their Registered/ Authorized suppliers/ Distributors/ Dealers/ Authorized Sales & Service Partners. The tender document/ specification can be downloaded from www.sppp.rajasthan.gov.in, www.policeuniversity.ac.in or www.gem.gov.in (GeM portal) and sellers, registered on GeM, can only participate for this tender through GeM Portal.

S.No.	Tender Description	Qty	Estimated Cost
1.	Tender for supply of E-Rickshaw	2	2,70,000/-

1. Tender Reference Number **02/2019-20**
2. Date of commencement of sale of Bidding Document **15 .06.2019**
(Document can be downloaded)
3. Last date and time for receipt of Bidding Document **01.07.2019 till 04.00 PM**
4. Bid opening date & time **02.07.2019 at 11.00AM**


Registrar
SPUP, Jodhpur

Bid Document

Bid Details	
Bid End Date/Time	01-07-2019 16:00:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Rajasthan
Department Name	Home Department Rajasthan
Organisation Name	N/a
Office Name	Jodhpur
Total Quantity	2
Item Category	e rickshaw passenger
MSE Exemption For Years Of Experience And Turnover	Yes
Startup Exemption For Years Of Experience And Turnover	Yes
Document required from seller	OEM Authorization Certificate
Bid to RA enabled	No

E Rickshaw Passenger (2)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement (Allowed Values)
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)	390	Any applicable numeric value
Laden Weight & (Kerb Weight + Loading Capacity including driver passenger and luggage) (kg)	725	Above 350
Run Distanc(for a Full Charge of Battery , to be tested with full load at maximum AIS-040))(km)	90	50 - 9999999
Ground Clearance as per IS : 9435 (mm)	330	180 - 9999999
Turning Radius (mm)	1590	Any applicable numeric value
Wheel Base (mm)	2075	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	Combination of Fibre Glass with good Quality Metal	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)	0.5	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)	125	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) (mm ³)		
	Nominal Filled Weight of the Battery (kg)	125	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)	1900	850 - 2000
	Overall Efficiency of the E Rickshaw (to be tested at Full Load with maximum speed as per Concerned AIS standards (%)	90	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
certification Parameters	Vehicle Certification	ARAI	VRDE, ICAT, ARAI, OTHERS
	If Vehicle Certification from Others Agency ,Name of the Agency otherwise put NA	-	*
	Vehicle Certification Number and Date	-	*

Constructional Parameters	Seating Capacity (Passengers + Driver)	4 +1	4 +1
	Length of E -Rickshaw as per Gazette Notification by Ministry of Road and Transport Oct , 2014 (meters)	2.8	0 - 2.8
	Width of E -Rickshaw as per Gazette Notification by Ministry of Road and Transport Oct 2014 (meters)	1	0 - 1
	Height of E -Rickshaw as per Gazette Notification by Ministry of Road and Transport Oct , 2014 (meters)	1.4	0 - 1.8
	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	Okaya	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	4	4, 5, 6
performance Parameters	Speed of the E-Rickshaw as per CMVR -2014 with latest amndmt (to be tested with Full Load) (kmph)	23	*
	Battery Warranty	1	1, 2, 3
	No. Of Free Service	3	1, 2, 3, 4, 5
	Compliance of Centre of Gravity of Vehicle as a Compulsory Norms for Safety	Yes	Yes
	Confirming to Applicable Environmental Test	Yes	Yes
	Noise level must be Low during Operation	Yes	Yes

* Bold specifications 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.

Consignees/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Arun Sharma	342304,Mathania Road, Daijar, Opp. Gramin Police Line, Jodhpur	2	30

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid splitting not applied.

Buyer Specific Additional Terms and Conditions

1. Special Terms and Conditions as defined by world bank at [click here](#) will also be applicable
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. The bidder must have ISO 9001 certification.
4. **Timely Servicing / rectification of defects during warrantee period:** After having been notified of the defects / service requirement during warrantee period, Seller has to complete the required Service / Rectification within time limit specified. If the Seller fails to complete service / rectification with defined time limit, a penalty of defined % 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).
 - (i) Time Limit for Service / Rectification of defects will be as defined in the SLA document for the service.
 - (ii) Penalty per week of delay as % of unit price of product will be as defined in the SLA document for the service.
 Seller to give compliance Yes / No while submitting bid.
5. **Availability of service Centres :** Bidder /OEM must have Service Centre In the District of each Consignee's Location
6. **Dedicated toll Free Telephone No. for Service Support :** BIDDER /OEM must have **Dedicated toll Free Telephone No. for Service Support**
7. **Escalation Matrix For Service Support :** Bidder /OEM must provide **Escalation Matrix of Telephone Numbers for Service Support**

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

---Thank You---