



(Please Mention "REF NO" in all documents)

**QUOTATION ENQUIRY**

Ref No.: VNIT/STR/EE/MKK/RKK/2017-18/110/573

Date: February 2, 2018

To,

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

REFERENCE OF THIS LETTER MUST BE MENTIONED ON THE ENVELOPE CONTAINING YOUR QUOTATION

**Subject:- Quotation Enquiry for Procurement of Item "e-RICKSHAW" for Department of Electrical Engineering.**

Dear Sir / Madam,

VNIT herewith invites the Quotation Enquiry in sealed cover / envelope from reputed firms for procurement of items mentioned in table below with understated Instructions, terms & conditions, as per the Schedule mentioned below:

**Schedule of Quotation Submission**

Date of Issue : Friday, 02<sup>nd</sup> February, 2018 Time 9.30 A.M.  
Last Date/Time of Submission : Monday, 12<sup>th</sup> February, 2018 Time 3.00 P.M.  
Date/Time of Opening of Quotation : Monday, 12<sup>th</sup> February, 2018 Time 3.30 P.M.

**Item particulars**

SN	Item particulars	Specifications	Quantity
1	e-Rickshaw (For Research Purpose Only)	As per Annexure A	01
2			
3			

**Instructions, Terms & Conditions**

- 1) The price should be quoted on F.O.R. VNIT, Nagpur.
- 2) Earliest delivery date to be mentioned for each item
- 3) The quoted amount will be firm and final. Quotation should be valid for 90 days from the date of opening the quotation.
- 4) Vendor should submit copy of **GST Registration Certificate, PAN No., Certificate of Firm's Registration** etc. with your offer failing which the quotation will not be entertained.
- 5) **Taxes** GST or any other taxes as per Govt. norms shall be applicable from time to time. The % of Tax must be indicated separately in the quotation.
- 6) **Items for Research Purpose: Concessional GST @ 5% will be applicable for purchase of goods viz Scientific & Technical instruments and other required for the Research purposes only.** This is in accordance of Govt. of India, Ministry of Finance Notification 45/2017-Central Tax (Rate) dated 14<sup>th</sup> November, 2017 and 47/2017-(Integrated Tax (Rate) dated 14<sup>th</sup> November, 2017, and VNIT Circular Ref.- VNIT/Acct/2017-18-GST/5390 dated 27<sup>th</sup> November, 2017. The description of goods is given in Govt of India notification dated 14<sup>th</sup> November, 2017 mentioned above. A certificate in this respect will be issued to the vender by the Institute.
- 7) **For Import Item** – Govt. of India Ministry of Science & Technology, DSIR, New Delhi vide letter No TU/V/RG-CDE(190)/2016 dated 19/09/2016 has issued Certificate of Registration to VNIT, Nagpur for purposes of availing customs duty exemption in terms of Govt. Notification 51/96-Customs dated 23<sup>rd</sup> July, 1996 and Central Excise duty exemption in terms of Govt. Notification No 10/97-Central Excise dated 1<sup>st</sup> March, 1997 as amended from time to time and this registration is valid up to 31.08.2021. This document will be provided by the Institute.

- 8) Each Vendor shall submit only one quotation. All the information shall be furnished by the vendors in the prescribed format of quotation enquiry. Each document submitted with quotation should be duly attested & stamped by the vendor, failing which submitted quotation will be treated as non-responsive. Incomplete or Conditional Quotation(s) will not be accepted.
- 9) Any certificate / document above submitted by the vendor are found to be incorrect /false/ forged/ fake, intentionally / un-intentionally at any stage, will lead to disqualification of vendor. Institute shall be free to take any action by blacklisting the Vendor / Firm.
- 10) The vendor shall take full responsibility in case of any damage, loss or injury to any person / building or to any part thereof, and shall repair / and make good the loss, at his own cost.
- 11) Vendors should offer special educational discount to the Institute on quoted rates.
- 12) In case of price quoted in foreign currency, its conversion rate to INR on the date of opening the quotation/tender shall be considered.
- 13) **Guarantee/Warranty:** Normal comprehensive **Warranty/ Guarantee of 3 years** shall be applicable to the supplied goods. In case any part or whole of the equipment is found to be defective during the guarantee period, then the same will have to be replaced/repaired free of cost at VNIT by the vendor.
- 14) **Delivery Period:** Vendor will be required to give Delivery of the Goods within four (4) Weeks from the receipt of P.O.
- 15) **Payment:** The vendor will be required to submit the bills in triplicate along with delivery memo. Institute will release the full & final payment on delivery of items and its successful installation/ demonstration at concerned department / laboratories of VNIT Nagpur. Payment will be made through Crossed Cheque / ECS / NEFT / RTGS. For electronic payment mode vendors bank details on Firm / Company letter head will be required.
- 16) Quotations received after the last date of submission will not be considered.
- 17) Any amendment or corrigendum regarding this enquiry will be issued on the Institute website only
- 18) The decision of the Director, Visvesvaraya National Institute of Technology, Nagpur shall be final as regards to the acceptability of stores supplied by the seller and the Director, VNIT, Nagpur, shall not be required to give any reason in writing or otherwise at any time for the rejection of items/materials.
- 19) Director, VNIT, Nagpur reserves the right to accept or reject or cancel any or all enquires or quotations/PO at any stage without assigning any reason thereof.
- 20) **It will be presumed that the vendor has read carefully all the above mentioned instructions, terms & conditions and abide by same.**
- 21) The Quotation in sealed envelope super-scribed with "**Quotation Enquiry for procurement of "Item Name" for "Department Name"**" and to be sent to Dy. Registrar (Stores), Visvesvaraya National Institute of Technology, South Ambazari Road, Nagpur 440 010, Maharashtra (India). The quotation can also be submitted in person in the "**Quotation/Tender Box**" at the Stores Section, Old Library Building, 1<sup>st</sup> Floor, VNIT, Nagpur - 440010 on any working day.
- 22) The last date of submission is **Monday, 12<sup>th</sup> February, 2018 by 3.00 pm**

Yours truly,

  
Dy Registrar (Stores)

  
2/2/2018

**"FORMAT OF QUOTATION ENQUIRY"**

Ref No.: VNIT/STR/EE/MKK/RKK/2017-18/110/573

Date: February 2, 2018

**ITEM: "e-RICKSHAW"**

Sr. No	Item with Specifications	Qty	Basic Rate P.U. (Rs.)	GST % & Amount P.U. (Rs.)	Total Amount P.U. (Rs.)
1	<b>e-RICKSHAW (As Per Annexure – A) (For Research Purpose Only)</b>	01			
	Educational Discount				
	Total Cost F.O.R. V.N.I.T. Nagpur				

**[A] DUTIES & TAXES (if applicable):**

1. Custom Duty if any : \_\_\_\_\_
2. GST @ \_\_\_\_\_% : \_\_\_\_\_
3. Freight/ Transportation : \_\_\_\_\_
4. Insurance @ \_\_\_\_\_% : \_\_\_\_\_
5. Packing & Forwarding : \_\_\_\_\_
6. Others, (if any) : \_\_\_\_\_
7. **Final Offer FOR VNIT Nagpur** : \_\_\_\_\_

**[B] Others Details (Enclosed)**

1. Specification as per Requirements : Yes / No
2. Warranty/Guarantee : \_\_\_\_\_ Years
3. Delivery period : \_\_\_\_\_
4. Firms Registration Certificate : \_\_\_\_\_
5. Authorization Certificate : \_\_\_\_\_
6. GST Registration Certificate : \_\_\_\_\_
7. PANNo. : \_\_\_\_\_
8. Others, (if any) : \_\_\_\_\_

The Firm/Company agrees to supply the above items for **final offer price (Rs. \_\_\_\_\_/- [In Words Rs.....])** inclusive of duties & taxes at [A] above within the period specified in the Invitation for Quotations. We also confirm that the normal commercial warrantee /guarantee of 36 months shall apply to the offered goods.

**Signature of Vendor  
(Authorized Signatory)**

**Stamp:**

**Date:**

S. N.	Description	Specification
1	WHEEL BASE	2205 mm
2	OVERALL LENGTH	2790 mm
3	OVERALL HEIGHT	1795 mm
4	GROUND CLEARANCE	145 mm
5	SPEED RANGE	0-22 km/H
6	BATTERY CAPACITY, Ah IN 2h	60 Ah
7	CHARGER	48 Volt 12 Amps
8	DRIVE AXLE	REAR
9	SHOCK ABSORBERS	TELESCOPIC HYDRAULIC WITH OUTER SPRING
10	REAR SUSPENSION	LEAF SPRING
	<b>WEIGHT</b>	
1	MAXIMUM Gvwkg(for rigid vehicles)	696 kg
2	MAXIMUM) FAW(kg)	201.5 kg
3	MAXIMUM RAW(kg)	494.5 kg
4	Kerb weight with 90% fuel (with spare wheel, tools, etc.)(kg)	316 kg
	<b>SEATING</b>	
1	SEATING CAPACITY	4+1
	<b>BATTERY</b>	
1	KIND OF ELECTRO-CHEMICAL COUPLE	Valve regulated Lead Acid
2	NOMINAL VOLTAGE	12 VOLT
3	ON BOARD INDECESHION OF BATTERY STAGE OF CHARGE	LCD & LED INDICATION
4	INDICATION FORMAT	LCD & LED INDICATION
5	BATTERY MASS (kg)	28.1 kg PER PIECE
6	Brief description of maintenance procedure any	water fill caps are provided through which batteries can be refilled with distilmineral water ones in a month
	<b>MOTOR</b>	
1	TYPE	PERMANENT MAGNET BLDC
2	TRANSMISSION ARRANGEMENT PARALLEL/TRANSAXIAL/OTHERS TO PRECISE	TRANSAXIAL DIFFERENTIAL GEAR
3	TEST VOLTAGE (V)	48V
4	MOTOR NOMINAL SPEED (MIN-1)	241 rpm
5	MAXIMUM POWER speed (min-1)and (km/h)	253rpm & 23kmph
6	MAXIMUM POWER (KW)	1.92KW@16KMPH
7	FLEXIBLE RANGE (WHERE P>90% OF MAX. POWER)	90kms
8	WORKING PRINCIPLE	ELECTRO MAGNETIC INDUCTION
	<b>CONTROLLER</b>	
1	TYPE	BLDC PWM CONTROLLER
2	CONTROL PRINCIPAL	CLOSED
3	MAXIMUM EFFECTIVE CURRENT SUPPLIED TO THE MOTOR	40.74 Amps
4	voltage Range use	54-42V
	<b>COOLING SYSTEM</b>	
1	MOTOR	FORCE AIR COOLING BY SUCTION FAN
2	CONTROLLER	NATURAL AIR

S. N.	Description	Specification
	<b>CHARGER</b>	
1	CHARGER	EXTERNAL
2	MODEL	AXIOM CHARGER, 48V 12amps
3	NORMAL VOLTAGE	230V
4	DURATION OF COMPLETE CHARGE	10/12 Hrs
	<b>GEAR BOX</b>	
1	TYPE	AUTOMATIC (THROTTLE)
2	REVERSE GEAR	REVERSE MAD ACTIVATED BY A SWITCH
	<b>SPEEDOMETER</b>	
1	TYPE	ANALOG
2	SPEED RANGE DISPLAYED	0-30 kmph
3	METHOD OF OPERATION	WORM GEAR DRIVE
4	OVERALL TRANSMISSION RATIO	1--2
	<b>WHEEL RIMS</b>	
1	DESIGNATION (FRONT & REAR)	2.15 j*12(rear)
2	TYPE	SHEET METAL
3	MAXIMUM DESIGN LOADING CAPACITY	216.7 kg
	<b>STEERING</b>	
1	TYPE	HANDLE BAR
	<b>BRAKING</b>	
1	FRONT & REAR BRAKES	DRUM
2	TYPE	MECHANICAL

Note:

1. One extra PM BLDC Hub motor 750W together with controller and
2. Cost for RTO and insurance.

*[Signature]*  
By Registrar (Stores)