

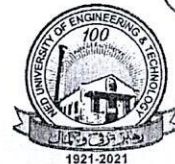


NED University of Engineering & Technology

University Road, Karachi-75270, Pakistan

Tel #: 92-21-99261261-8, Ext.: 2471 & 2501 Fax #: 92-21-99261255

E-mail: adfp2@neduet.edu.pk Website: <https://www.neduet.edu.pk>



Assistant Director Procurement

"SAY NO TO CORRUPTION"

No: PC/NED/EE-142430/7029

Dated: 21.06.2021

11519

LETTER OF INTENT

To,

M/s. Nano Technologies,

H#A66, Sector V1, Gulshan-e-Maymar,
Karachi, Pakistan.

Phone # +92-3342898310 & 0321 2170187

email: shahbaz@nanotechnologies.com.pk

Subject: Letter of Intent / Import of Laboratory Equipment for Establishment of National Centre in Robotics & Automation (NCRA) for Department of Electrical Engineering.

Reference: Our Tender No. PC/NED/ EE/Lab Equipment/7029/2021

Dear Sir,

The Competent Authority of this University has been pleased to award the following items to your firm for import of Laboratory Equipment for Department of Electrical Engineering., NEDUET, Karachi.

Details as follows:

B.O.Q Item No.	Description of items	Qty.	Price	
			Unit	Total
1.	Touch X USB/Touch USB Haptic Device High Force 3DOF (for Slave) Haptic Device with Force feedback, workspace 160 W x 120 H x 120 D mm, Range of motion is Hand movement pivoting at wrist. Nominal position resolution 0.023 mm, Max Exertable force 7.9N, Force Feedback x,y,z with Position Sensing (Stylus Gimbal) Pitch, roll, yaw (Magnetic absolute position sensor, 14-bit precision), Interface USB 2.0 With complete accessories Make & Origin: 3D System Germany	2 set	USD 7,570.00	USD 15,140.00
2.	M33XX series Force/Torque Sensors Force/torque sensors 6-axis with Capacity Fx=Fy=Fz=700 N/Nm Mx=My=Mz= 1400 N/Nm Made in Sunrise Instruments Chin/USA Gripper Unit 1 Made in A&R Technology Co.,Ltd China	1 set	USD 3,500.00	USD 3,500.00

3.	Ethernet Network Emulator Multiple Control/Haptic/Programming / Interfacing/ Threads (Software)/SDKs for interaction of the master device with the slave and remote environment with compatible. Unit 01. Dual Source Power Supplies Unit 01 Function generator Unit 01 Oscilloscope Unit 01 signal analyzer Unit 01 Made in Owon Instrument China All accessories are included to connect with industrial robot and haptic devices.	1set	USD 2,820.00	USD 2,820.00
4.	Autonomous Vehicles/Rovers Including; Intel RealSense™ Depth Camera D455 Motion Pictures cameras (Around 35mm, CMOS Sensor, 4.6K Video Recording up to 60P/Dual Fast, 2.0 memory card slots Unit 04 Oculus QUEST 2 Unit 01 08 x Actuators, 08 x Motors, 08 x Distance Sensors and 08 x motion sensors, 12 x DC motors and 12 x servo motors and 04 x sets of pneumatic tyres for rovers of different sizes, 04x Android tablets for rovers of 10.1 inch Display, Octa Core Processor, 4GB RAM, 64 GB Storage with 01 x Speech recognition API & 01 x Image recognition API All above as per Autonomous Vehicles/Rovers requirement.	1set	USD 1,180.00	USD 1,180.00
5.	Haptic Trainer Novint Falcon (White) A USB haptic device including Software with 3 Degree of Freedom (3 DOF) grip that tracks rotations of the handle, two of which Degrees of Freedom are actuated and can present forces to the user with an accurate sense of touch. In this way, a force can be applied to the grip in any direction, up to the maximum force (over 2 pounds of force), every 1/1000 of a second Robot with 01 x unit of 55 inch smart QLED Screens for interaction with Haptic Trainers. Made in Novint Technologies, Inc USA	2 set	USD 1,000.00	USD 2,000.00
6.	HP Brand Computer Desktop: Core I7-7700 Processor With 8GB Ram 2400 Mhz DDR4, 2TB HDD, 24Inch FHD LCD/LED Monitor. Brand HP, with all accessories including connector to haptic devices & compatible with Robot and haptic devices.	4	PKR 266,683.00	PKR 1,066,732.00


7.	HP Brand Laptops: Core i7 processor, 8GB Ram, 4GB GPU, 500GB SSD, 1 TB HDD. Brand HP, with all accessories including connector to haptic devices & compatible with Robot and haptic devices.	2	PRK 242,034.00	PKR 484,068.00
Total USD				24,640.00
Local Component (Computers & Laptops) with Items # 1 and 3		6 Nos	Total PKR	1,550,800

It is advised to furnish the Proforma Invoice of your Principals for total C&F value by Sea Karachi should be valid for 120 days within 10 days after issuance of this Letter of Intent.

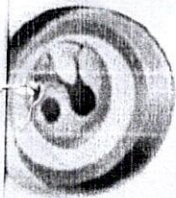
Further, the aforesaid documents together with Performance Guarantee @ 5% and Contract Agreement duly paid Stamp Duty @ 0.35% of total contract value to be furnished in the office of ADP-II, Procurement Cell within 14 days of receipt of the Letter of Intent.

Thanking you and assuring you of our best cooperation at all the times.

With regards,


Assistant Director Procurement – II

Copy (via email) to: i. CED ii. DF iii. Ag.RA



The true sign of technology

NANO TECHNOLOGIES

QUOTATION SHEET

Director Procurement,
NED University of Engineering and Technology Karachi,
Tender No. PC/NED/EE/LAB EQUIPMENT/7029/2021.

Quotation #: SA/120292021

Validity: 120 days

Date: 5th May, 2021

SN	Model	Description	Qty	Unit Price	Total Price C&F
01	Touch X USB/Touch USB	Haptic Device High Force 3DOF (for Slave) Haptic Device with Force feedback, workspace 160 W x 120 H x 120 D mm, Range of motion is Hand movement pivoting at wrist. Nominal position resolution 0.023 mm, Max Exertable force 7.9N, Force Feedback x,y,z with Position Sensing (Stylus Gimbal) Pitch, roll, yaw (Magnetic absolute position sensor, 14-bit precision), Interface USB 2.0 With complete accessories Make & Origin: 3D System Germany	02	\$7,570.00	\$15,140.00
02	M33XX series EFG-20	Force/Torque Sensors Force/torque sensors 6-axis with Capacity Fx=Fy=Fz=700 N/Nm Mx=My=Mz= 1400 N/Nm Made in Sunrise Instruments Chin/USA Gripper Unit 1 Made in A&R Technology Co.,Ltd China	01	\$3,500.00	\$3,500.00
03	ODP3122 XDG2035 SDS1102	Ethernet Network Emulator Multiple Control/Haptic/Programming / Interfacing/ Threads (Software)/SDKs for interaction of the master device with the slave and remote environment with compatible. Unit 01. Dual Source Power Supplies Unit 01 Function generator Unit 01 Oscilloscope Unit 01 signal analyzer Unit 01	01	\$2,820.00	\$2,820.00

Head office:

#A66, Sector V1, Gulshan-e-Maymar, Karachi, Pakistan. Cell: +92-3342898310 & +92-3212170187.

mail: shahbaz@nanotechnologies.com.pk / nanotechnologies06@gmail.com URL: www.nanotechnologies.com.pk



The true

logy

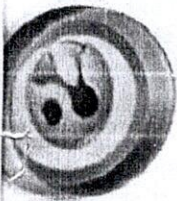
NANO TECHNOLOGIES

	GW Instek-GSP-730	Made in Owon Instrument China All accessories are included to connect with industrial robot and haptic devices.			
04	-	Autonomous Vehicles/Rovers Including; Intel RealSense™ Depth Camera D455 Motion Pictures cameras (Around 35mm, CMOS Sensor, 4.6K Video Recording up to 60P/Dual Fast, 2.0 memory card slots Unit 04 Oculus QUEST 2 Unit 01 08 x Actuators, 08 x Motors, 08 x Distance Sensors and 08 x motion sensors, 12 x DC motors and 12 x servo motors and 04 x sets of pneumatic tyres for rovers of different sizes, 04x Android tablets for rovers of 10.1 inch Display, Octa Core Processor, 4GB RAM, 64 GB Storage with 01 x Speech recognition API & 01 x Image recognition API All above as per Autonomous Vehicles/Rovers requirement.	01	\$1,180.00	
05		Haptic Trainer Novint Falcon (White) A USB haptic device including Software with 3 Degree of Freedom (3 DOF) grip that tracks rotations of the handle, two of which Degrees of Freedom are actuated and can present forces to the user with an accurate sense of touch. In this way, a force can be applied to the grip in any direction, up to the maximum force (over 2 pounds of force), every 1/1000 of a second Robot with 01 x unit of 55 inch smart QLED Screens for interaction with Haptic Trainers. Made in Novint Technologies, Inc USA	02	\$1,000.00	\$2,000.00
		Grand Total C&F Value			\$24,640.00

lead office:

I#A66, Sector V1, Gulshan-e-Maymar, Karachi, Pakistan. Cell: +92-3342898310 & +92-3212170187

-mail: shahbaz@nanotechnologies.com.pk / nanotechnologies06@gmail.com URL: www.nanotechnologies.com.pk



The true sign of technology

NANO TECHNOLOGIES

SN	Model	Description	Qty	Unit Price	Total Price PKR
	HP Brand	Computer Desktop: Core I7-7700 Processor With 8GB Ram 2400 Mhz DDR4, 2TB HDD, 24Inch FHD LCD/LED Monitor. Brand HP, with all accessories including connector to haptic devices & compatible with Robot and haptic devices.	04	266,683.00	1,066,732.00
	HP Brand	Laptops: Core i7 processor, 8GB Ram, 4GB GPU, 500GB SSD, 1 TB HDD. Brand HP, with all accessories including connector to haptic devices & compatible with Robot and haptic devices.	02	242,034.00	484,068.00
		Grand Total PKR			1,550,800.00

Note: on laptops/computers GST not applicable so GST not included in cost.

We will deliver you Laptop/computer locally.

ALL

Shahbaz
06/05/2017
APR 7

Shahbaz
06/05/2017
06/05/2017

Shahbaz
06/05/2017

ad office:

A66, Sector V1, Gulshan-e-Maymar, Karachi, Pakistan. Cell: +92-3342898310 & +92-3212170187

mail: shahbaz@nanotechnologies.com.pk / nanotechnologies06@gmail.com URL: www.nanotechnologies.com.pk

SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY

CONTRACT EVALUATION FORM

TO BE FILLED IN BY ALL PROCURING AGENCIES FOR PUBLIC CONTRACTS OF WORKS, SERVICES & GOODS

- 1) NAME OF THE ORGANIZATION / DEPTT. NED UNIVERSITY
- 2) PROVINCIAL / LOCAL GOVT./ OTHER PROVINCIAL
- 3) TITLE OF CONTRACT IMPORT OF LABORATORY EQUIPMENT
- 4) TENDER NUMBER PC/NED/EE/LAB EQUIPMENT/7029/2021
- 5) BRIEF DESCRIPTION OF CONTRACT IMPORT OF LABORATORY EQUIPMENT
- 6) FORUM THAT APPROVED THE SCHEME Syndicate
- 7) TENDER ESTIMATED VALUE 5.350 MILLION
- 8) ENGINEER'S ESTIMATE
(For civil works only) _____
- 9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) 120 Days
- 10) TENDER OPENED ON (DATE & TIME) 06-05-2021 AT 11:30
- 11) NUMBER OF TENDER DOCUMENTS SOLD 03
(Attach list of buyers)
- 12) NUMBER OF BIDS RECEIVED 03
- 13) NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS 03
- 14) BID EVALUATION REPORT PROVIDED
(Enclose a copy)
- 15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDER M/s. Nano Technologies
- 16) CONTRACT AWARD PRICE Rs. 5.350 Million
- 17) RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT
(i.e. 1st, 2nd, 3rd EVALUATION BID). Lowest Bidder
- 18) METHOD OF PROCUREMENT USED :- (Tick one)
- a) SINGLE STAGE – ONE ENVELOPE PROCEDURE YES ☐ Domestic/ Local
- b) SINGLE STAGE – TWO ENVELOPE PROCEDURE ☐
- c) TWO STAGE BIDDING PROCEDURE ☐
- d) TWO STAGE – TWO ENVELOPE BIDDING PROCEDURE ☐

PLEASE SPECIFY IF ANY OTHER METHOD OF PROCUREMENT WAS ADOPTED i.e.
EMERGENCY, DIRECT CONTRACTING ETC. WITH BRIEF REASONS:

19) APPROVING AUTHORITY FOR AWARD OF CONTRACT _____

20) WHETHER THE PROCUREMENT WAS INCLUDED IN ANNUAL PROCUREMENT PLAN?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

21) ADVERTISEMENT :

i) SPPRA Website
(If yes, give date and SPPRA Identification No.)

Yes	T00553-20-0106 DATED 16-04-2021
No	

ii) News Papers
(If yes, give names of newspapers and dates)

Yes	Daily Dawn, Jang & Awami Awaz, Dated: 15-04-2021
No	

22) NATURE OF CONTRACT

Domestic/ Local	<input checked="" type="checkbox"/>	Int.	<input type="checkbox"/>
--------------------	-------------------------------------	------	--------------------------

23) WHETHER QUALIFICATION CRITERIA
WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?
(If yes, enclose a copy)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

24) WHETHER BID EVALUATION CRITERIA
WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?
(If yes, enclose a copy)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

25) WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED FOR USING A
METHOD OTHER THAN OPEN COMPETITIVE BIDDING?

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
-----	--------------------------	----	-------------------------------------

26) WAS BID SECURITY OBTAINED FROM ALL THE BIDDERS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

27) WHETHER THE SUCCESSFUL BID WAS LOWEST EVALUATED
BID / BEST EVALUATED BID (in case of Consultancies)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY
COMPLIANT?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

29) WHETHER NAMES OF THE BIDDERS AND THEIR QUOTED PRICES WERE READ OUT AT
THE TIME OF OPENING OF BIDS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

30) WHETHER EVALUATION REPORT GIVEN TO BIDDERS BEFORE THE AWARD OF
CONTRACT?
(Attach copy of the bid evaluation report)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

31) ANY COMPLAINTS RECEIVED
(If yes, result thereof)

Yes	
No	NO

32) ANY DEVIATION FROM SPECIFICATIONS GIVEN IN THE TENDER NOTICE / DOCUMENTS
(If yes, give details)

Yes	
No	NO

33) WAS THE EXTENSION MADE IN RESPONSE TIME?
(If yes, give reasons)

Yes	
No	NO

34) DEVIATION FROM QUALIFICATION CRITERIA
(If yes, give detailed reasons.)

Yes	
No	NO

35) WAS IT ASSURED BY THE PROCURING AGENCY THAT THE SELECTED FIRM IS NOT
BLACK LISTED?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
-----	-------------------------------------	----	--------------------------

36) WAS A VISIT MADE BY ANY OFFICER/OFFICIAL OF THE PROCURING AGENCY TO THE
SUPPLIER'S PREMISES IN CONNECTION WITH THE PROCUREMENT? IF SO, DETAILS TO
BE ASCERTAINED REGARDING FINANCING OF VISIT, IF ABROAD:
(If yes, enclose a copy)

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
-----	--------------------------	----	-------------------------------------

37) WERE PROPER SAFEGUARDS PROVIDED ON MOBILIZATION ADVANCE PAYMENT IN
THE CONTRACT (BANK GUARANTEE ETC.)?

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
-----	--------------------------	----	-------------------------------------

38) SPECIAL CONDITIONS, IF ANY
(If yes, give Brief Description)

Yes	
No	NO

Signature & Official Stamp of
Authorized Officer

(Signature)
Assistant Director Procurement-II
Procurement Cell
NED University of Engg. & Tech
Karachi

FOR OFFICE USE ONLY

SPPRA, Block. No.8, Sindh Secretariat No.4-A, Court Road, Karachi
Tele: 021-9205356; 021-9205369 & Fax: 021-9206291

Print

Save

Reset

Integrity Pact

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. PAYABLE BY THE SUPPLIERS/CONTRACTORS/CONSULTANTS.

Contract Number: PC/2021/EE/Inv/Equip/7028 Dated: 22-06-21

Contract Value: 5.35 Million

Contract Title: Impact of Inv. Equipment

M/s. Nano Technologies

[Name of Supplier/Contractor/Consultant] hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Sindh (GoS) or any administrative subdivision or agency thereof or any other entity owned or controlled by it (GoS) through any corrupt business practice.

M/s. Nano Technologies

Without limiting the generality of the foregoing, [Name of Supplier/Contractor/Consultant] represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit, in whatsoever form, from Procuring Agency (PA), except that which has been expressly declared pursuant hereto.

M/s. Nano Technologies

[Name of Supplier/Contractor/Consultant] certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with PA and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

M/s. Nano Technologies

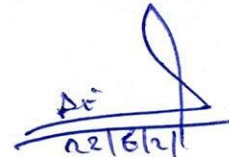
[Name of Supplier/Contractor/Consultant] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other right and remedies available to PA under any law, contract or other instrument, be voidable at the option of PA.

M/s. Nano Technologies

Notwithstanding any rights and remedies exercised by PA in this regard, [Name of Supplier/Contractor/Consultant] agrees to indemnify PA for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to PA in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by [Name of Supplier/Contractor/Consultant] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit, in whatsoever form, from PA.



[Procuring Agency]



[Supplier /Contractor/Consultant]