



NED University of Engineering & Technology
University Road, Karachi-75270, Pakistan
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 E-mail: ddp@neduet.edu.pk Website: <https://www.neduet.edu.pk>



Director Procurement

“SAY NO TO CORRUPTION”

No: DP/NED/(M-5)/8519/1126/25

Date: 3/2/26

To,

M/s. Nordtec International
 Suit No. C-15 & C-7,
 Dr. Plaza, P.E.C.H.S., Block-6,
 Shahrah-e-Faisal, Karachi-75100,
 Tel. 021-34520321
 email: info@nordtec.pk

Subject: Letter of Intent /Import of Laboratory Equipment on C&F basis for Center for Energy Conservation Management and Planning (ECMAP) for Department of Mechanical Engineering.

Reference: Our Tender No. PC(M-5) /NED /Equip /(ECMAP) Lab/ 8519 /2025

We are pleased to inform you that the Competent Authority has approved the following items for Import of Laboratory Equipment under the referenced contract:

B.O.Q item #	Description of items	Qty.	Unit Price USD	Total Price USD
ECM AP -04	<p>3 Phase Power Analyzer Tester:-</p> <p>3 phase power quality analyzer, minimum 4 inputs, Neutral referenced to PE (5 connectors), measurement category 1000 V CAT III – Maximum input voltage 1000V rms/1000V dc, Nominal voltage range Wye and single phase 50V - 1000V, Delta - 100V - 1000V, 10 MOhms P-P/P-N impedance, sampling frequency at 50/60 Hz. Voltage transients +/- 8kV. Current range upto 6000A, built-in data storage and USB connectivity. Li-Ion battery with 1.5 hours backup. It is required that equipment meets or exceeds the above mentioned specifications. All manuals must be provided including Installation, Instructions, Operation & Maintenance and others., Supplied complete with all necessary accessories, Training should be provided by supplier.</p>	01	\$ 18,127.21	\$ 18,127.21
ECM AP-10	<p>Ultrasonic Flaw Detector:-</p> <p>Portable Ultrasonic Flaw Detector Display Size Diagonal 7” , active range (W×H) 52.4×91.44 mm² . Resolution (W×H) 800×480 pixels, range 4 - 14,108 mm (555”) for longitudinal wave. Display shift (delay) –15 - 3,500 μs, probe delay 0 - 1,000 μs, velocity 250 -16,000 m/s, PRF automatically optimized 15 - 2,000 Hz. Probe connectors 2 × LEMO-1 or 2 × BNC, USB type B connector, Service interface LEMO-1B, 8 pin. Pulser mode Spike pulser and Square-wave pulser, pulser voltage (SQ mode) 120 - 300 V, with step size of 10 V with a tolerance of 10% or better. Pulser falling/rising time max. 10 ns. Pulser width (SQ mode) 30 ... 500 ns. Pulser energy (Spike mode) low: 30 nS,</p>	01	\$ 18,339.22	\$ 18,339.22

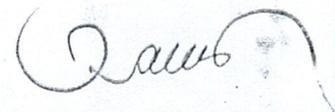
	high: 100 nS Damping 50 ohms, 1000 ohms, Digital gain Dynamic range 110 dB, Analog bandwidth 0.5 - 20 MHz, Equivalent input noise <80 nV/√Hz, Filters Broadband: 1-5 MHz / 2, 2.25 MHz / 4, 5 MHz / 10 MHz / 13, 15 MHz. Rectification Positive half-wave, negative half-wave, full wave, RF signal. Memory Card slot SD-card Capacity 8 GB or better. Powered by Battery Li-Ion, op Enclosure IP66 or better. Operating temperature -10 - 55°C. Backwall echo attenuation enabled. It is required that equipment meets or exceeds the above mentioned specifications. All manuals must be provided including Installation, Instructions, Operation & Maintenance and others., Supplied complete with all necessary accessories. Training should be provided by supplier.			
ECM AP -11	Thickness Meter:- Handheld Thickness Meter Dual Element Transducer Measurement Mode, Probe, Probe Cable, Connector, Calibration Blocks, Thickness range 0.080mm to 635.00mm, multilayer mode, material velocity range 0.508 mm/μs to 13.998 mm/μs, Standard resolution 0.01mm, Standard transducer frequency range 2.0MHz to 30MHz. Maximum operating temperature 50°C, minimum 12h battery time. Memory card, VGA output, USB and RS-232 communication. It is required that equipment meets or exceeds the above mentioned specifications. All manuals must be provided including Installation, Instructions, Operation & Maintenance and others., Supplied complete with all necessary accessories, Training should be provided by supplier.	01	\$ 2,332.16	\$ 2,332.16
Total C&F USD Value				\$ 38,798.59

It is requested to submit the Proforma Invoice of your Principal, **AELAB GUANGZHOU CO. LTD** for total C&F value by Sea Karachi valid for 120 days of the equipment selected within 10 days after issuance of this letter. However, local charges e.g., insurance, clearing, forwarding and transportation etc. shall be paid in PKR on production of original bills specified in the bidding data sheet vide clause (N) at Page 15 of the bidding documents.

Supplier is strictly advised that manufacturing / delivery process should be initiated only after opening of L/C and after permission from PC (Mega-5).

It is further requested to submit Contract Performance Bond of 5% of total cost of Laboratory Equipment and sign the contract agreement within 14 days of receipt of this letter of intent.

With regards,



Deputy Director Procurement

c.c. to : (i) Project Coordinator (Mega-5) (ii) DF (iii) RA
(iv) CMD

Handwritten signature and date: 3/21/2020



NED University of Engineering & Technology
University Road, Karachi-75270, Pakistan
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Director Procurement

“SAY NO TO CORRUPTION”

No:DP/NI/D(M-5)/8519/1045/25

Date: 20/04/2026

To,

Messrs. Nano Technologies,
 Office No. 716, 7th Floor, Uni-Plaza, I.I. Chundrigar Road, Karachi, Pakistan.
 Cell: +92-3342898310 & +92-3212170187
 E-mail: shahbaz@nanotechnologies.com.pk, nanotechnologies06@gmail.com

Subject: Letter of Intent /Import of Laboratory Equipment on C&F basis for Center for Energy Conservation Management and Planning (ECMAP) for Department of Mechanical Engineering.

Reference: Our Tender No. PC(M-5) /NED /Equip /(ECMAP) Lab/ 8519 /2025

We are pleased to inform you that the Competent Authority has approved the following items for Import of Laboratory Equipment under the referenced contract:

S.O.Q item #	Description of items	Qty.	Unit Price USD	Total Price USD
ECMAP -01	<p>Digital Gauge Indicator Alignment Kit Measurement range 13 mm, Measurement accuracy 0.01 mm, Digital indicator, No need to break the coupling, Contains all needed mounting hardware, Adaptable extension rods, It is required that equipment meets or exceeds the above mentioned specifications. All manuals must be provided including Installation, Instructions, Operation & Maintenance and others., Supplied complete with all necessary accessories, On-site delivery, commissioning, and installation (electric wiring from DB, connectors, breaker, and other necessary accessories) included. Training should be provided by supplier</p>	02	\$ 2,000.00	\$ 4,000.00
ECMAP -02	<p>Thermal Imaging Camera Handheld Thermal Imaging Camera with IR Detector Resolution atleast 640×480 (307,200 pixels) Temperature range -20 to 1000 °C, Accuracy ±2 °C Noise-equivalent temperature difference (NETD) < 50mK Thermal and visual imaging capability with Built-in digital camera of at least 5 Megapixels Image concatenation enabled to at least 4x resolution, final image capability of 1280×960 pixels. Automatic focus upon aim, with option for advanced manual focusing. Display output >14 centimeters diagonal, with capacitive screen of resolution atleast 640×480 pixels and on-screen emissivity correction. Wired connectivity</p>	01	\$ 9,500.00	\$ 9,500.00

	<p>over HDMI and Wireless connectivity available over WiFi to LAN, PC and all major mobile operating systems. Internal flash memory of at least 4GB with extendable memory via SD card and USB flash drive at least 4GB. Desktop software and mobile application connectivity, and image analysis software for image analysis for at least mechanical, electrical, and infrared image types Preferably, at least 60 seconds voice annotation and video recording with fully radiometric rendering (IS3). Fieldreplaceable rechargeable Li-ion batteries or safer, with back-up of at least 2 hours Visual and audible temperature limit alarm function Automatic hot and cold spot cursors Up to five moveable temperature cursors/areas with individual emissivity settings Temperature difference of two spot temperature cursors can be displayed on screen. Offered model more than user requirement meets and exceeds the above mentioned specifications. All manuals will be provided including Installation, Instructions, Operation & Maintenance and others., Supplied complete with all necessary accessories, Training by supplier.</p>			
ECAMP-05	<p>Digital multimeter Measuring Voltage Range DC Voltage 200mV 2000mV 20V 200V 500V Measuring Current Range: DC Current 2000mA/20mA/200mA/10A Measuring Resistance Range : 200ohm 2000ohm/20kohm 200kohm 20Mohm/200Mohm Dimensions: 130 x 73.5 x 35mm specifications. All manuals are included including Installation, Instructions, Operation & Maintenance and others, Supplied complete with all necessary accessories.</p>	6	\$ 96.6700	\$ 580.00
ECAMP-06	<p>Ultrasonic Flow Meter Transit-time ultrasonic flow meter with upstream and downstream transducers for liquid (all liquid, entrained solids, and entrained gas bubbles included) measurement. Display: 4 line x 16 character LCD with backlight Dimension: 200*93*33cm Drift-free non-permanent stainless steel strap fixture for operating temperatures ~ -10°C to 55°C and transducers for liquid temperatures -40°C to 150°C. Transducer pipe clamp size 0.5 to 300 inch nominal pipe Dia, pipe wall thickness upto 3 inches, pipe material metal and most plastics. Accuracy ±1% to 5%. Repeatability ≤0.3%. Operation: Support with internal keypad for on-field programming and the Simulation software Data interface Insulate RS232 serial interface. Transducers with one pair of coaxial cables, type RG62 AU. Compatible and</p>	2	\$1000.00	\$2000.00

supplied with computer communication and analysis software. Equipment as per user requirement and exceed and with additional features of user requirement All manuals are including with Installation, Instructions, Operation & Maintenance and others., Supply complete with all necessary accessories, Training by supplier.

Total C&F Value

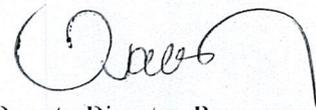
\$ 16,080.00

It is requested to submit the Proforma Invoice of your Principal, **Focus Sell building Materials Trading LLC UAE** for total C&F value by Sea Karachi valid for 120 days of the equipment selected within 10 days after issuance of this letter. However, local charges e.g., insurance, clearing, forwarding and transportation etc. shall be paid in PKR on production of original bills specified in the bidding data sheet vide clause (N) at Page 15 of the bidding documents.

Supplier is strictly advised that manufacturing / delivery process should be initiated only after opening of LC and after permission from PC (Mega-5).

It is further requested to submit Contract Performance Bond of 5% of total cost of Laboratory Equipment and sign the contract agreement within 14 days of receipt of this letter of intent.

With regards,



Deputy Director Procurement

c.c. to : (i) Project Coordinator (Mega-5) (ii) DI (iii) RA

iv) CMD

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 on C&F basis for Center
- 4) TENDER NUMBER PC(M-5) /NED /Equip /(ECMAP) Lab/ 8519 /2025
- 5) BRIEF DESCRIPTION OF CONTRACT for Energy Conservation Management and Planning (ECMAP)
- 6) FORUM THAT APPROVED THE SCHEME Syndicate
- 7) TENDER ESTIMATED VALUE 18.509 Million
- 8) ENGINEER'S ESTIMATE
(For civil works only) _____
- 9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) 120 Days
- 10) TENDER OPENED ON (DATE & TIME) 11-11-2025 AT 10:30 AM
- 11) NUMBER OF TENDER DOCUMENTS SOLD Through E-PADS
(Attach list of buyers)
- 12) NUMBER OF BIDS RECEIVED 06
- 13) NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS 06
- 14) BID EVALUATION REPORT PROVIDED
(Enclose a copy)
- 15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDER M/s. Nano Tech, M/s. Nordtec
- 16) CONTRACT AWARD PRICE Rs 6.023 million, Rs 11.254 million
- 17) RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT
(i.e. 1st, 2nd, 3rd EVALUATION BID). Most Advantageous 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:

VICE CHANCELLOR (VC)

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"/>
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21) ADVERTISEMENT :

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

Yes	E-PADS ID # S-251095266 DATED 22-10-2025
No	

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

Yes	Daily Dawn, Jang & Awami Awaz, Dated: 18-10-2025
No	

22) NATURE OF CONTRACT

Domestic/ Local	<input checked="" type="checkbox"/>	Int.	<input type="checkbox"/>
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23) WHETHER QUALIFICATION CRITERIA
WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?
(If yes, enclose a copy)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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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"/>
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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"/>
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26) WAS BID SECURITY OBTAINED FROM ALL THE BIDDERS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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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"/>
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28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY
COMPLIANT?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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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"/>
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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"/>
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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"/>
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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"/>
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37) WERE PROPER SAFEGUARDS PROVIDED ON MOBILIZATION ADVANCE PAYMENT IN
THE CONTRACT (BANK GUARANTEE ETC.)?

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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38) SPECIAL CONDITIONS, IF ANY
(If yes, give Brief Description)

Yes	
No	NO

Signature & Official Stamp of
Authorized Officer _____



FOR OFFICE USE ONLY

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

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Integrity Pact

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

Contract Number: PC(M-5) /NED /Equip /(ECMAP) Lab/ 8519 /2025 Dated: 03/02/21
Contract Value: \$ 38,798.59 (PKR 11,254,044)
Contract Title: Letter of Intent /Import of Laboratory Equipment on C&F basis for Center for Energy Conservation Management and Planning (ECMAP) for Dept. of Mechanical Engg.

M/s. Nordtec International
[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. Nordtec International
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. Nordtec International
[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. Nordtec International
[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. Nordtec International
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 M/s. Nordtec International [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]

Integrity Pact

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

Contract Number: PC(M-5) /NED /Equip /(ECMAP) Lab/ 8519 /2025 Dated: 20/02/24
Contract Value: \$16,080 (PKR 6,023,304)
Contract Title: Import of Laboratory Equipment on C&F basis for Center for Energy Conservation Management and Planning (ECMAP) for Department of Mechanical Engineering.

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

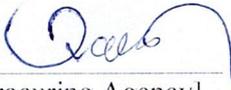
[Name of Supplier/Contractor/Consultant] certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with PA and has not taken any action or will not take any action to circumvent the above declaration, representation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

[Name of Supplier/Contractor/Consultant] 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 M/s. Nano Technologies [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]