F/QSP 09/06/01

ISSUED ON: _____

ISSUED TO: _____

NED UNIVERSITY OF ENGINEERING AND TECHNOLOGY, KARACHI

TENDER DOCUMENT

SUPPLY OF LABORATORY EQUIPMENT

TITLE: **Import of Laboratory Equipment for Department of Polymer & Petrochemical Engineering**

DOCUMENT NO.: PD (M-III)/NED/PPD/Equip/196/16

PROCUREMENT CELL

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INSTRUCTIONS TO TENDERERS
AND
TERMS & CONDITIONS

1. QUOTATION

Quote rates on C&F Karachi basis for the supply of items described in the attached Bill of Quantities. The following should be clearly indicated in the Quotation:

1.1 Firm and fixed item-wise ex-works price.

1.2 Firm and fixed packing, handling, forwarding, documentation charges, etc. and inland freight upto port of dispatch.

1.3 Estimated sea freight/airfreight upto Karachi Seaport/Airport.

1.4 Total C&F value Karachi Airport/Seaport.

1.5 Quotation must be in DUPLICATE and should remain valid for 90 days from the last date of the submission of tenders. Telephone/telex/fax/telegraphic tenders shall not be entertained.

1.6 The agents must enclose original Proforma Invoice/Fax copy/ Quotation from their Principals otherwise their tender will be rejected.

1.7 Bidders must have office and workshop facilities in Karachi failing which their offer will not be considered.

1.8 Bidders must have trained engineers to provide after sales service.

1.9 The agent must submit following documents alongwith their offer:

1.9.1 Manufacturers Authorization Certificate.

1.9.2 List of Technical / Engineering Staff stationed in Karachi.

1.9.3 List of reference installation in Pakistan for similar equipment.

1.9.4 Non-Black List Certificate (confirming that bidder has never been black listed from any Government / Semi Government organization).

NOTE: QUOTATIONS ON F.O.R. BASIS WILL NOT BE ACCEPTED

2. EARNEST MONEY:

The tenderers should submit their bids alogwith a Bank Guarantee/Pay order of 2% of the Total Bid amount, valid for 120 days from the date of opening of tenders as Earnest Money in the name of Director Finance, NED University Karachi as per Annexure-"D". Tenders without earnest money of 2.0% of the total bid cost will not be entertained. The earnest money will be returned after submission of acceptable Performance Bond of 10% of C&F cost and the execution of Contract Agreement.

3. PERFORMANCE BOND

3.1 Performance Bond in shape of Bank Guarantee equal to 10% of the C&F cost of the order shall be furnished within 07 days of acceptance of Proforma Invoice as per Annexure-"C" and shall remain in force for 12 months. The validity of the Bond will be extended if required.

3.2. Local agents of the Foreign Principals will be responsible for installation and satisfactory operation of equipment on their behalf.

4. INSURANCE

Offer should be exclusive of Insurance Charges as the same shall be arranged by the University.

5. ALTERNATIVE PROPOSALS

Suppliers are not required / permitted to submit the alternative proposals against any B.O.Q. item.

6. COUNTRY OF ORIGIN

The tenderer shall state the country of origin of stores offered in the tender.

7. VALIDITY OF PRICES

The prices quoted should be valid for a period of at least 90 days from the date fixed for opening of tenders.

8. PACKING AND MARKING

The packing of the equipment shall be usual export packing to ensure safe journey by sea, air, rail and road of the goods to destination. Each packing shall be clearly and legibly marked in English as directed by the University.

9. SIGNING OF THE AGREEMENT

With in 07 days of the acceptance of the Proforma Invoice, the successful bidder will be required to sign a Contract Agreement with the purchaser for the supply of such quantity in whole or in part of the tendered stores as will be communicated to him in the letter of intent.

10. ON-ARRIVAL INSPECTION & TAKING OVER

10.1 ON-ARRIVAL INSPECTION

There shall be an inspection by the representative of the Purchaser on arrival of stores at consignees end in presence of representative(s) of the Contractor/Local Agent if any, and the Insurance Company. The report of inspection, which, inter-alia should indicate the conditions in which each unit of package has been received, will be signed by the above-mentioned representatives.

10.2 TAKING OVER

Upon receipt of the Equipment in the Warehouse of Purchaser and after final inspection by inspection agency (or agencies) nominated by the Purchaser, the Purchaser will issue a taking over certificate in which he shall certify the date on which the Equipment has been so accepted. The taking over of damaged equipment during the transportation shall be withheld until it has been completely repaired/replaced and checked.

11. WARRANTY

11.1 The contractor shall issue warranty to the effect that the stores shall be fit for the particular purposes and operations.

11.2 The contractor shall guarantee supply of good quality stores in accordance with the specifications and that the stores shall be brand new and absolutely free from all defects in materials quality and workmanship. In case of defect, the stores or the necessary components shall be replaced by the contractor free of cost upto the Purchaser's premises within reasonable time.

12. BREACH OF CONTRACT

In case of breach of contract, the damages suffered by the Purchaser shall be recovered to the full extent from the Contractor's Performance Bond, Local Agent's commission and any payment due without reference to him.

13. CONTRACTOR'S DEFAULT-LIABILITY

13.1 The purchaser may upon written notice of default to the Contractor terminate the contract in circumstances detailed hereunder:

13.1.1 If in the judgment of the Purchaser, the Contractor fails to make delivery of equipment within the time specified in the Contract Agreement or within the period for which the purchaser has granted extension to the Contractor.

13.1.2 If in the judgment of the Purchaser, the Contractor fails to comply with any of the other provisions of this contract.

13.2 In the event the Purchaser terminates the contract in whole or in part, the Purchaser reserves the right to purchase upon such items and in such a manner as he may deem appropriate, equipment similar to the one terminated and the Contractor will be liable to the Purchaser for liquidated damages for delay until such reasonable time as may be required for the final supply of equipment.

14. REJECTION

In the event any portion of the stores supplied by the contractor is found before the taking over to be defective in material or workmanship or otherwise not in conformity with the requirements of the contract, the Purchaser shall have the right to either reject or to request in writing rectification of the stores, then the Contractor shall with utmost diligence and at his own expense make good the defects so specified or replace the defective stores. If the Contractor fails to do so, the Purchaser either:

(i) May at its option replace or rectify such defective stores and charge to the Contractor the excess cost occasioned to the Purchaser plus (15%) fifteen percent.

(ii) Terminate the Contract for default. In the event the Contractor is not able to rectify or replace the rejected stores within reasonable time, the Purchaser reserves the right to acquire the said stores at a reduced price considered equitable under the circumstances. Nothing in the clause shall affect any claim by the Purchaser under any clause of the Terms & Conditions.

15. DELAY IN DELIVERY - LIQUIDATED DAMAGES

15.1 If the Contractor fails to deliver the equipment within the time laid down in the Contract Agreement or any extension thereof, there shall be deducted from the Contract Price, as Liquidated damages, a sum of 2% of FOB value per month or a part of the month of the contract price of each unit of the undelivered stores for each calendar month of delay. Total liquidated damages payable to the Purchaser shall not in any case exceed by ten percent (10%) of the Contract Price of the unit or units so delayed and such deduction shall be in full satisfaction of the Contractor's liability for the said failure. The amount will be recovered from the Local Agent's Commission/Performance Bond.

15.2 Should the progress of the contract at any time be lagging behind the programme agreed between the Purchaser and the Contractor, the Purchaser shall notify the Contractor in writing and the Contractor shall thereupon take such steps as he may deem fit to expedite the progress of the Contract.

16. PERIOD OF GUARANTEE

16.1 The term Period of Guarantee" shall mean the period of twelve (12) months from the date on which the equipment has been put into operation. In any case, this period shall not exceed eighteen (18) months from the date of the taking over certificate:

16.2 During the period of guarantee, the Contractor shall remedy all defects in design, materials and workmanship that may develop under normal use of the said stores upon written notice from the Purchaser who shall indicate in what respect the Equipment is faulty.

16.3 The provisions of this clause include all the expenses that the Contractor may have to incur for delivery of such replacement parts, material or equipment up to Purchaser's premises.

17. ACCEPTANCE TERMS

The submission of the tender against the tender inquiry by the tenderer means that the tenderer has read and accepted the terms and conditions relating to all the tender document and annexures and has thoroughly examined the specifications and particulars in the tender inquiry.

18. Eligibility Criteria Single Stage One Envelope Procedure / Method

Tender and Bidding documents of this method shall contain the following Eligibility Criteria:

i) Relevant Experience
ii) Turn-over of at least Three (03) Years
iii) Registration with Income Tax, Sales Tax and Pakistan Engineering Council (where applicable).

19. Evaluation of Bids

In comparing bids, the Purchaser will consider such factors as compliance with specifications, relative quality, past experience, after – sales services facilities available in Pakistan and the bidders capability to perform.

NED UNIVERSITY OF ENGINEERING AND TECHNOLOGY

CONTRACT AGREEMENT

IMPORT OF LABORATORY EQUIPMENT FOR
DEPARTMENT OF POLYMER & PETROCHEMICAL ENGINEERING

Contract No.: PD(M-III)/NED/PPD/Equip/196/15

Letter of Intent No.

01	Name(s) and address(es) of the parties to contract	1	(Name of Local Agent)
		2	**NED University of Engineering & Technology, Karachi-75270, Pakistan (hereinafter called the consignee).**
02	Contract Value		The total C&F Karachi price of the equipment to be imported will be ---------- ---------- ----------
03	Particulars of Stores		---------- ---------- ----------
04	Consignee		NED University of Engineering & Technology, Karachi-75270, Pakistan. Telphone: 92-21-99243261-68, Fax: 92-21-99243255.
05	Consignor		Messrs. (Name of Principal)---------- ---------- ----------.
06	Date of Shipment		Within ------ days of the Receipt of Letter of Credit.
07	Place of Delivery		Karachi, Pakistan
08	Delivery Period		Within ------- days of the Receipt of Letter of Credit.

09	Marks & Packing	The consignment should be marked clearly for the ***"NED University of Engineering & Technology, Karachi-75270, Pakistan."***
10	Payment	Payment througth an Irrevocable Letter of Credit in favour of Messrs. ----------, subject to submission of the following documents (in triplicate) to the University: - Final Invoice showing all charges - Original Airway Bill/ Bill of Lading - Original Shippment Advice - Packing List & Warranty/ Guarantee Certificate.
11	Bank Charges	Bank Charges for opening of Letter of Credit (both inside and outside Buyer's Country) will be paid by the buyer (University).
12	Country of origin	----------
13	Port of Shipment	----------
14	Port of Entry	Karachi Airport/ Karachi Seaport
15	Part - Shipment	Not Allowed
16	Trans - Shipment	Allowed
17	Insurance	The insurance of the consignment from ware house to ware house, i.e. from Messrs. ----------to the NED University of Engineering and Technology, Karachi-75270, Pakistan will be arranged by the consignee.

18	Documents	Original Invoice(s), Airway Bill(s)/ Bill(s) of Lading, Packing Lists and Shipment Advice should be sent in the name of NED University of Engineering & Technology, Karachi-75270, Pakistan, C/o National Bank of Pakistan, ---------- Branch, Karachi, Pakistan, along with three (3) copies of shipping documents so as to reach the Karachi Airport along with the consignment/ goods.
19	Extension in L/C	In case the contractor fails to deliver the consignment within the stipulated delivery period, the extension in the delivery period will be at the discretion of the University.
20	Guarantee Certificate	The Local Agent, Messrs. ----------, will arrange to submit to the University a valid Warranty/ Guarantee Certificate as per Annexure- A-II along with the negotiable documents. The certificate should clearly state that the stores supplied by the Supplier/ Principal are brand new and are absolutely free from any material or manufacturing defect(s) and are strictly in conformity with the specifications provided in the relevant quotation. Supplier/ Principal will also certify that the stores have been packed and marked in accordance with clause 9 of this contract.
21	Variation	The contract shall not be varied or modified without mutual agreement in writing by both parties to contract.
22	Replacement	The Supplier/ Principal will be responsible to arrange free of cost and inclusive of freight charges, prompt replacement of the equipment or any part, if found defective during the inspection by the University.

23	Guarantee/Warranty	Warranty of the equipment for a period of one year from the date of installation and operation including replacement and labour on free of cost.
24	After Sale Service	Free after sale service for a period of one year including part and labour from the date of installation and operation.
25	Publications	All publications and original service, operational and maintenance manuals to be provided to the University free of cost, in case of supply on in lieu/ substitute item/items, the manuals of those will also be provieded. These will be in English Language.
26	Special Instruction	Shipment through friendly countries carriers only.
27	Installation/ commissioning	Installtion and commissioning by Messrs. ---------- - will be free of cost and will be done within eight weeks of the arrival of the equipment at the University.
28	Security/ Performance Bond	The Local Agent ---------- and is required to submit (before the establishment of L/C) 10% Performance Bond of total value in the shape of Pay Order or an unconditional Bank Guarantee from the schedule bank valid for a period of twelve (12) months which should be executable in any branch of Karachi of that Bank if supplier has account out of the city . The Performance Bond will be released only after satisfactory performance of the contract.
29	Familiarization Training	Operational and familiarization/training at NED University free of cost, within eight weeks of arrival of the equipment.

30	Inspection	The consignment will be subject to inspection by the University.
31	Liquidated Damages	If the Contractor fails to deliver the equipment within the time laid down in the Contract Agreement or any extention thereof, the consignee reserves the right to deduct from the Contract Price, as ***Liquidated Damages***, a sum of 2% of FOB value per month of the contract price of each unit of the equipment or the undelivered stores for each calendar month of delay. Total liquidated damages payable to the Purchaser shall not in any case exceed by **ten percent (10%)** of the Contract Price of the unit or units so delayed and such deduction shall be in full satisfaction of the Contractor's liability for the said failure. The amount will be recovered from the Local Agent's commission / Performance Bond
32	Acceptance of Terms & Conditions of the Contract	The Local Agent/Principal hereby accepts the Insturctions to Tenderers and Terms & Conditions of the contract laid down in the Contract Document.

1. Supplier/Contractor

Signature_____

Name _____

For Messrs.

2. NED University of Engineering and Technology, Karachi.

Signature _____

Director (Procurement)

For & on behalf of Vice Chancellor

NED University of Engineering & Technology

Tel #: 99261261-68 Ext. 2220, 2471

Fax #: 99261255

Dated:_____

Annexure A-II

WARRANTY/ GUARANTEE CERTIFICATE

Firm's Name _____

Contract No. _____ Date: _____

1. I/We hereby guarantee that the goods supplied against the above contract are in all respects in accordance with the relevant specifications and terms of the contract and that materials used, whether or not of our manufacture, are in accordance with the latest approved standard specifications, are of good workmanship/quality throughout, and that we shall replace free of cost, every article or part thereof which before use or in use, shall be defective, or not within the limits and tolerance of specifications requirements, or in any way not in accordance with the terms of the contract.

2. In case of our failure to replace the defective stores free of cost within the period specified by the purchaser, we will refund the cost involved.

3. The Warranty/ Guarantee will remain valid for 12 months after receipt of stores by the consignee/ installation of equipment.

Signature : _____

Name : _____

Status in the firm : _____

Dated : _____

ANNEXURE "A"

FORM OF TENDER

Contractor/Manufacturer/Supplier

Telegraphic Address: _____

Telephone Number : _____

Fax Number : _____

To,

The Director (Procurement),
NED University of Engineering &
Technology

Dear Sir,

In reply to your invitation to Tender No._____ dated _____ I/We hereby submit my/our tender in duplicate for the supply of Laboratory Equipment, as per details given in the schedule hereto duly signed by us or such portion thereof as you may specify in acceptance of tender at the prices given in the said Schedule and agree to hold this offer open till _____.
I/We shall be bound by a communication of acceptance dispatch within the prescribed time.

I/We have understood the Terms and Conditions of Invitation to Tender and have thoroughly examined the specifications quoted in the schedule hereto and am/are fully aware of nature of stores required and my/our tender is to supply stores strictly in accordance with the requirements.

The tender particulars have been furnished and signed.

Yours faithfully,

( )

Dated: _____

Address: _____
_____
_____

ANNEXURE "B"

TENDER PARTICULARS

TENDERER MUST GIVE SPECIFIC ANSWER FOR EACH
ITEM AGAINST EACH OF THE FOLLOWING QUESTIONS

1. Whether equipment offered conform to particulars specified in the schedules, if not, details of deviation must be stated.

2. 2.1 Brand of equipment

   2.2 Name & Address of Manufacturer

   2.3 Country of Origin of Equipment

3. Earliest date by which delivery can be affected and complete schedule of delivery. If delivery period is different for different items, it is to be indicated item-wise. The delivery schedules offered must be guaranteed.

4. Whether specifications of packing as prescribed in Tender Enquiry will be adhered to.

ANNEXURE "C"

CONTRACT PERFORMANCE BOND

(This Bond must be from Scheduled Bank executed on a non-judicial Stamp Paper)

KNOWN ALL MEN BY THESE PRESENT, WE, _____ _____AND_____ address or legal title of Contractor (here insert the legal title of _____ are jointly and severally bound to the surety).

NED University of Engineering & Technology, Karachi, including its successor in office and Assignees acting through the Vice Chancellor, (hereinafter called the "Purchaser") in the sum of Rs._____(Rupees _____) to be paid to the Purchaser for which payment we jointly and severally bind ourselves and our successors, assignees and legal representations.

Signature: _____

Signature: _____

Dated: _____

The above _____have tendered to the Purchaser for the supply of equipment for the NED University of Engineering & Technology, and this tender in part has been accepted.

NOW THE CONDITION OF THIS BOND IS

1. That the said_____shall supply the equipment on C&F Karachi basis to the Purchaser strictly in accordance with the terms and conditions on which the Contract has been awarded to them and shall complete the supply in terms of the contract.

2. AND, if the said _____do not comply with the supply of equipment within the stipulated period, or such extended period as may be allowed to them by the Purchaser, or only partly supply, or do not commence the supply, or commit a breach or failure in the performance of any part of the Contract, the said Bond shall come into force.

   AND, if the said _____ should execute the contract in terms of the conditions of the Contract and hand-over the work to the Purchaser, his obligation shall be void.

   Signature_____

Signature_____

Dated:_____

ANNEXURE "D"

FORM OF THE BID BOND/EARNEST MONEY

GUARANTEE NO. _____
ISSUED DATE. _____
EXPIRY DATE. _____
AMOUNT. _____

To,

The Director (Procurement),
NED University of Engineering & Technology

Whereas _____ (Hereinafter called "The Bidder") has submitted its bid dated _____ for NED University of Engineering and Technology, Karachi hereinafter called "The Bid".

And whereas the Bidder has requested the bank to issue the Bid Bond / Earnest Money in favour of NED University of Engineering & Technology, Karachi for the sum of Rs. _____ (2% of the total estimated price) required to be furnished by the Bidder for consideration of its Bid.

Now, therefore, we (BANK) _____ having our registered office at _____ (hereinafter called "The Bank") hereby Guarantees Irrevocably and unconditionally to pay forthwith to the sum of Rs. _____ (2% of the total estimated price) without any reference to the Bidder on NED University of Engineering & Technology, Karachi first demand in writing stating that the Bidder has withdrawn or unilaterally modified its offer or has after having been notified of the acceptance of its Bid by NED University of Engineering & Technology, Karachi failed to execute the CONTRACT or has failed after executing the CONTRACT to submit to NED University of Engineering & Technology, Karachi the performance guarantee / bond required under the CONTRACT.

This guarantee shall remain valid and in force for 120 days from the last date fixed for submission of the Bids that is and any demand for payment by NED University of Engineering & Technology, Karachi within the said validity period of this guarantee shall be paid forthwith by the bank to NED University of Engineering & Technology, Karachi.

This guarantee is valid upto _____ and any claim arising out of this guarantee must be lodged on or before the _____.

WITNESS

BANK

_____

_____

ANNEXURE "E"

(INTEGRITY PACT)

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. PAYABLE BY THE SUPPLIERS OF GOODS, SERVICES & WORKS IN CONTRACTS WORTH RS. 10.00 MILLION OR MORE

Contract No._____ Dated _____
Contract Value: _____
Contract Title: _____

…… [*name of Contractor*] 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 department or agency thereof or any other entity owned or controlled by GoS through any corrupt business practice.

Without limiting the generality of the foregoing, [*name of Contractor*] 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 GoS, except that which has been expressly declared pursuant hereto.

[*name of Contractor*] 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 GoS and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

[*name of Contractor*] 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 rights and remedies available to GoS under any law, contract or other instrument, be voidable at the option of GoS.

Notwithstanding any rights and remedies exercised by GoS in this regard, [*name of Contractor*] agrees to indemnify GoS for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to GoS in an amount equivalent to ten time the sum of any commission, gratification, bribe, finder‘s fee or kickback given by [*name of Contractor]* 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 GoS.

Name of Procuring Agency: ……	Name of Contractor: ……
Signature: ……	Signature: ……
[Seal]	[Seal]

NED UNIVERSITY OF ENGINEERING AND TECHNOLOGY, KARACHI

DEPARTMENT OF POLYMER & PETROCHEMICAL ENGINEERING

SPECIFICATIONS AND QUANTITIES OF EQUIPMENT

Sr. No.	Description	Qty	Unit Price	Total Amount
01	**Automated Distillation of Petroleum Products** **Should conform to ASTM D86, D285, D1078, ISO 3405; IP 123; IP 195; JIS K2254; GOST – B; DIN 51751** The Automatic Distillation Analyzer designed to perform optimal distillation analyses of gasolines, fuels, oils, solvents, aromatics, napthas, kerosenes, hydrocarbons, and other volatile products to ensure conformity to rigid quality control standards. **Required:** **Apparatus ready to use, complete with all accessories operated through Windows®-based software to perform according to all the standards mentioned above with built-in automatic fire extinguishing system (complete with external Nitrogen or carbon dioxide bottle and pressure control system, if required). Emergency STOP ALL switch.** **Specifications** • Distillation Range: ambient to 450°C • Accuracy: ± 0.01°C • Level follower with cooling/heating system, range: 0 to 60°C • Level follower accuracy: 0.1 ml • Cetane index calculation • Pt-100 RTD probe with automatic temperature calibration system (°C) • Automatic barometric pressure correction • Automatic calibration of volume measurement and zero point • Dry point detection • Windows®-based software package for PC control storing data on server, NAS, USB, or any dedicated device. • Preprogrammed with standard methods • LCD or Touch screen display • Electrical Requirements: AC 230V 50/60Hz **Offer must include the following:** Gasoline reference fluid Diesel reference fluid Kerosene reference fluid Condenser Tube Cleaning Assembly Pumice	01		

02	**Flash Point Tester by Pensky-Martens Closed Cup** **Should conform to ASTM D 93 (A + B + C), IP 34, ISO 2719, DIN 51758, GBT 261** **Required:** **The automated Pensky-Martens flash point tester (complete workable system) for determination of the flash point of petroleum products and biodiesel.** **Specifications:** • Flash point operation range : Ambient to 400°C • Air stove conforming to ASTM method. • Electric stirrer that stops during flame dipping. • Barometric pressure correction • Stirrer speed: 105 rpm and 250 for ASTM D 93 method A & B plus other speeds for custom methods. • Automatic flame dipping: provision for gas or electric ignitor. • Cooling fan to cool down the stove at the end of the test. • Ignition source : Gas and electric ignition combined system, Regulated electric ignition, Automatic gas flame • Flash point detection through ionization/thermal sensor: the system should alert if a flash has occurred at the first flame application, warning that the test result is not reliable. • Safety device to stop the analyzer if a flash is not detected 30°C above the expected flash point or at 400°C. This should be excludable for "search" tests. • PC based controller with touch screen interface. IP 65 front protection. • Windows®-based software package: selection of the ASTM/IP test method or setup of custom methods exporting results through LIMS, commercial printer. Lifetime data storage. Multi USB ports and RS 232 port • 220 V/50 Hz connections **Offer must include the following:** **Spare Parts/ Consumables:** Sufficient for 2 years smooth operation **Reference Fluid:** LUBRICANT Pensky-Martens flash point around 245°C (250 ml) DIESEL Pensky-Martens flash point around 60 °C(250 ml)	01		
03	**Cloud and Pour Point Test Equipment** **Should conform to ASTM D 97, D 2500, IP 219, IP 15, ISO 3015, ISO 3016** **Required:** **Complete workable system including Cloud and pour test cabinet, mechanically refrigerated by CFC free gases, 4 compartments. Each to be maintained at a fixed temperature by means of electronic thermoregulators and with independent solvent-free cooling system.**	01		

	Should include test jackets, gaskets, disks, tubes, felts, PT 100 simulator, ASTM thermometers 5C and 6C for each block for carrying out the tests. **Specifications:** • Cloud Point Analyzer conforms to ASTM D2500, D5771, D5772, D5773 and related test methods • Pour Point Analyzer conforms to ASTM D97, D5853, D5950 and related test methods • Electronic thermoregulator with digital display 0.1°C accuracy for each compartment and possibility of switching on the required position only. • Adjustable defrosting device to prevent icing around the test jackets. • One/two stage cascade hermetic cooling system providing temperature down to -69°C • 220/240 V – 50/60 Hertz **Offer must include the following** **Reference fluid** DIESEL; D 97 pour point -22 °C (250 ml) **Spare Parts /Consumables** Test Jars (each comprising graduated glassware, thermometer cork, gasket, and disc) (12 Nos.) Felt disc (pack of 10) (01 pack) Felt ring (pack of 10) (01 pack) ASTM 5C Thermometer, range: –38 to +50°C (02 Nos.) ASTM 6C Thermometer, range: –80 to +20°C (02 Nos.)			
04	**Density or Relative Density of Light Hydrocarbons by Pressure thermohydrometer** **Should conform to ASTM D1657, IP 235, ISO 3993 and related specifications** **Required:** **Complete workable system: Thermally insulated stainless steel tank with two openings on the top cover for the insertion of pressure thermohydrometer cylinders and a built-in cooling compressor for convenient sub-ambient temperature operation or equivalent. Transparent plastic cylinder surrounded by safety guard, with pressure guage and mounted on a heavy base , used together with ASTM 310 H Thermohydrometer . PT 100 simulator** **Specifications :** For constant temperature bath • Microprocessor thermoregulated with PID action • Working range: 10 to 50°C • Display accuracy : Â±0.2 or better • Probe: Pt 100 RTD • Capacity: 2 cylinders	01		

	• Safety device against overheating and low level • Built-in cooling system with CFC free gases and drain valve For Thermohydrometer • ASTM 310H Thermohydrometer Relative Density Range: 0.500 – 0.650 Temperature Range: 0 °C to 35 °C • ASTM 12C Thermometer. Range –20 to +102°C Offer must include the following **Spare parts and consumables:** Sufficient for 2 – year smooth running.			
05	**Aniline Point and Mixed Aniline Point of Petroleum Products and Hydrocarbon solvents** **Should conform to ASTM D 611; IP 2; ISO 2977; DIN 51775; FTM 791-3601; NF M 07-021** **Required:** **Complete workable system (including complete range of ASTM thermometers ranging from-38 C to 170 C) to perform aniline point and mixed aniline point determinations by means of a thin film technique for samples ranging from clear to very dark.** Specifications • Testing Range: 0°C to 150°C (32°F to 302°F) • Detection of clear, colored, and dark products < 8 on ASTM color scale • Quick access to calibration parameters • Electrical Requirements: 220-240V 50/60Hz Offer must include the following **Spare parts and consumables :** For smooth operation for 2 years **Reference fluid** KEROSENE D 611 aniline point 60.47 (250 ml)	01		
06	**Conradson Carbon Residue of Petroleum Products** **Conforms to ASTM D189, D 6074, ISO 6615, DIN 51551, IP 13** **Required:** Complete Workable System: Single unit model including Porcelain Crucible, Skidmore Crucible with Iron Cover, Steel Outer Crucible with Lid, Iron Hood with Bridge, Triangle Wire Support, Refractory Block, Tripod, Gas Burner Offer must include the following **Spare parts :** Sufficient for smooth running for 2 years Skidmore crucible with brass lid Steel outer crucible Metallic hollow ring Chimney with guide Porcelain Conradson crucible (pack of 12)	01		

07	**Vapor Pressure of Petroleum Products (Reid Method) & LPG** **Conforms to ASTM D323, D1267; GPA 2140; IP 69; ISO EN 12; ISO 3007, ISO 4256, DIN 51754, DIN 51616** **Required:** **Complete workable system : consisting of 3 or 4 unit Reid Vapor Pressure Bath equipped with adjustable stirring device, low water cut-off, and drain cock, Reid V.P. vessel , Reid V.P. vessel for sampling under pressure, LPG vapour pressure cylinder, Mercury manometer (for checking gauge), ASTM thermometers (18C,58C, 65C), and complete range of pressure gauges conforming to ASTM D 323, 1267 and related specifications. Tubing with 1⁄4" stainless steel and aluminum connectors for charging LPG test cylinder if necessary.** **Specifications:** **Constant temperature water bath:** • Working range: From ambient to 80 C • Built-in digital display 0.1 C accuracy. • PT100 RTD probe • Regulation accuracy Â± 0.1 C. - Stainless steel heater • Low fluid level and over-temperature protection safety device • 220 V/50 Hz connections **Pressure gages (Range may vary according to manufacturer)** Bourdon type spring gage stainless steel, range 0/1 Kg/cm^2 - accuracy 1% f.s. range 0 -1 Kg/cm^2 Bourdon type spring gage stainless steel, range 0/1 Kg/cm^2 - accuracy 1% f.s. range 0-2.5 Kg/cm^2 Bourdon type spring gage stainless steel, range 0/1 Kg/cm^2 - accuracy 1% f.s. range 0-4 Kg/cm^2 Bourdon type spring gage, range 0/100 psi Bourdon type spring gage, range 0/300 psi Bourdon type spring gage, range 0/600 psi PT100 simulator **<u>Offer must include the following consumables</u>** Pack of 10 O-ring seals to connect air chamber to pressure gage Pack of 10 O-ring seals to connect air to liquid chamber Gasket (to connect air chamber to pressure gage).Pack of 10 Gasket (to connect upper chamber to straight through valve). Pack of 20 Gasket (to connect lower chamber to straight through valve). Pack of 20	01		
08	**ANALYTICAL BALANCE** **Automatic zeroing, Selectable units, Anti vibration filter, RS 232 interface (optional)** **Specifications:** • Capacity : 220g • Readability : 0.1mg	01		

	• Repeatability (Standard deviation) : 0.1mg • Linearly : ± 0.2mg • Response time (stabilization time, typical) : < 4secs • Operation ambient temperature : 5 to 40°C • Temp. coefficient of sensitivity (10 to 30°C) : ±2ppm/C (When PSC is Off)			
09	**Volatility and Residues of Liquefied Petroleum Gases** **Should conform to the specifications of: ASTM D1837; D2158; GPA 2140; ISO 13757** Complete Workable System including precooling apparatus, tubes, stand, clamp, clamp holder, syringe 1 mL, needle 203 mm, and ASTM thermometers 5C, 5701C, and 99C.	01		
10	**Detection of Copper / Silver Corrosion of Petroleum Products** **Conforms to ASTM D130, D 4048, D6074, D6158; IP 154; IP 227; ISO 2160; DIN 51811** To assess the relative degree of corrosivity of petroleum products, including aviation fuels, automotive gasoline, natural gasoline, Stoddard solvents, kerosene, diesel fuel, fuel oil, lubricating oil and other products. **Required:** **Complete workable system including: Constant temperature test bath (conform to ASTM standard) with cover for silver corrosion test tubes, copper strip tarnish test vessels or test tubes and all necessary accessories for Copper and Siver Strip Corrosion Tests, for example, Polishing Vise for 1 and 4 strips, Test tubes, Copper Test Strips according to ASTM, Copper Strip Corrosion Standards, Flat Glass Test Tube, Copper Strip Corrosion Test Bomb, Silver strips, Silver strip support, Viewing Test Tube, Silicone Carbide Paper 220 or 240 grits, Support for holding test tubes and Stainless Steel Vessels, Silicon Carbide Powder 150 mesh, "O" Ring Seals, Silver Strip Assaying at 99.9%, Silver Strip Corrosion Standard, Cover including test tubes (amber), Kit condenser complete (amber glass), ASTM thermometer 12C** **Specifications:** Constant temperature bath: • Working range: from 30 to 105 degree centigrade or better • Regulation accuracy: Â± 0.1 degree centigrade • Electric stirrer • Microprocessor thermo regulator with PID action and built-in temperature display 0.1 C accuracy • Probe: PT100 RTD. • Safety device against overheating and low-level. • Power requirement: 230 V **Consumables and essential spare parts for 2 years to be included**	01		

11	**Reduced Pressure Distillation** **Should conform to ASTM D1160, ISO 6616, JIS K 2254** For determining, at reduced pressures, the range of boiling points for petroleum products that can be partially or completely vaporized at a maximum liquid temperature of 400°C. **Required:** **Complete ready to use Apparatus with all necessary accessories: Vacuum Distillation Unit including: constant temperature circulator, vacuum pump with vacuum oil, regulation of temperature and pressure, connection tube, and complete glassware set for "Turn-Key" installation and operation of the Vacuum Distillation System.** **Specifications** • Test Temperature Range: Ambient to 400°C • Temperature Display: 0.1°C resolution • Temperature Accuracy: ±0.5°C • Vacuum Range: 0.1 mmHg to 760 mmHg • Vacuum Display: 0.1 mmHg resolution • Vacuum Accuracy: ± 0.2 mmHg • External Circulator Temperature Range: Ambient +5°C to 150°C • Electrical requirement: 220-240V 50/60Hz **Spare parts and consumable required** • Set of glassware (distilling flask 500 ml, distilling column and condenser assembly, receiving cylinder, 90 º elbow adapter tube, cold trap with graduated receiver (01 set) • PT 100 probes (03 Nos.) • Vacuum grease	01		
12	**Oxidation Stability Tester** **Should conforms to ASTM D 525, ISO EN 7536, IP 40, DIN 51780 & D873, IP 138, DIN 51799** **Automatic Potential gums & Induction period tester (2/4-unit) with dry block heating bath** **Required:** **01 Nos. of Complete ready to use Apparatus with all necessary accessories: Dry block heating bath (No liquid bath), Oxidation pressure vessels complete with a safety burst disc assembly, pressure transducer head, cable and connector and discharge tube in accordance with ASTM and other standards specifications. Oxygen distributor with gage and flexible tube with quick connect for rapid filling of the vessels.** **Gaskets for cylinder, Glass test container, Cover, PT 100 probe or touch screen interface to control and set the block temperature, Quick**	01		

	coupling, Tracking of pressure. Pressure recording system with automatic calculation of induction period. Offer should include PC and printer **Specifications:** • Dry block heater (2/4 place) • Test Temperature Range : Ambient to 120 C • Regulation accuracy: -± 0.1 C • Microprocessor controlled thermoregulator with PID action and built-in digital display • Probe: Pt100 RTD • Device to set block temperature, start/stop tests, enter sample data, diagnose and calibrate temperature and pressure sensor • Tracking of temperature and pressure data, pressure drop and break-point on PC and should be printable. • Direct pressure measurement in the vessel • Quick access to calibration parameters • Auto diagnostic and calibration by software • Quick coupling • Independent safety device against overheating • 220 V/50 Hz **Spare parts and consumables for 2 years smooth operation to be included**			
13	**Bomb Calorimeter** **Should conform to ASTM D 240, D 4809, ISO 1928, DIN 51900** To determine the calorific value of any solid or liquid material that can be burned in an oxygen bomb. **Required:** **Complete ready to use apparatus with following specifications and standard benzoic acid.** **Specifications:** • Possibility of 4 different test procedures namely isoperibol, dynamic, manual and time-controlled • Possibility of manual operating mode (for educational purpose) ignition and end of measurement to be activated by user • Manual Oxygen Fill • Manual or automatic bucket Fill • Manual Bomb Wash • Automatic ignition and calculation of calorific value result to be displayed • Operating oxygen pressure 30 bar • Range of measurement : 40.000 J • Power requirement : 220/ 240 V AC, 50/60 Hz • Should be suitable for use with software: monitoring and	01		

	visualisation of measuring procedure (possibility of data export and further processing in Excel and / or Word etc.) Spare parts and Consumables to be included Minimum Spare parts and consumables for 2 years.			
14	Fluorescent Indicator Adsorption Method Should conform to ASTM D1319, IP 156, ISO 3837, & DIN 51791 To determine saturates, olefins, and aromatics in petroleum fractions that distill below 315°C. Required: Complete Apparatus assembly (2 positions) with pressure gauges, needles valves, UV lamps, 2 kg silica gel 100 to 200 mesh, certified silica gel with colored indicator, vibrator for packing silica gel, clamps for upper & lower joints and spherical connector for air input, hypodermic syringe 1 ml, hypodermic needle 102 mm, hypodermic cleaning tube, standard adsorption column / true bore adsorption column, outlet for true bore column. Also include multi test verification material for Gasoline and Kerosine (500 ml each) Spare parts and Consumables for 2 year smooth operation.	01		
15	Smoke Point tester Conforms to ASTM D 1322 , ISO 3014 , IP 57 , DIN 51406 and related specifications For determining the smoke point of kerosine and aviation turbine fuel by measuring the maximum flame height prior to smoke formation and comparing the results with those of known standards. Required: Complete Workable Apparatus as per above mentioned standard methods, comprising a tripod stand, lamp body, chimney, interchangeable candle (oil container), and a mirror attached to the chimney to aid smoke detection. Necessary Accessories & Consumables to be included • Wick Insertion Tool plus Wick Trimmer • Interchangeable Candle (oil container) • ASTM D1322 Kerosine (500 ml) • Wicks (sufficient for 2000 tests)	01		
16	Penetrometer of Petroleum Products Should conform to the specifications of: ASTM D 5 - ISO EN 1426 - IP 49 - DIN 52010 & D 217 - ISO 2137 - IP 50 – DIN51580 & D 937 - IP 179 - DIN 51579 & D 1321 - ISO 3992 - DIN 51579 & D 1403- ISO 6298 - IP 310, & D 1831, D2884, D4950, D5329	01		

	Designed for ASTM penetration tests on petroleum products and for consistency tests on a wide range of food products, cosmetics, pastes and other solid to semi-solid products. Required: The apparatus should consist of 1. Penetrometer with adjustable head allowing a fine adjustment of the cone position right upon the sample 2. Water bath with heating and cooling unit (Temperature range : 0 ºC to 100 ºC, ± 0.1 ºC stability) 3. Plungers, Loading weights, Needles, Cones, Transfer dish, Sample containers, Grease cutter, and minimum necessary accessories for Bituminous materials (ASTM D5) , Lubricating greases (ASTM D217), and Petroleum waxes (ASTM D 1321) 4. Calibration kit 5. Thermometers 17C, 63C and 64C 6. Digital stop watch			
		Total		

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY, KARACHI

TENDER DOCUMENT

Procurement Cell

TITLE OF THE JOB

PROCUREMENT OF FURNITURE ITEMS FOR DEPARTMENT OF MECHANICAL ENGINEERING.

TENDER NO. PD(M-III)/NED/MECHANICAL/FUR/199/16
DATE 13-07-2016

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY, KARACHI

PROCUREMENT CELL

To,

The Assistant Director (Procurement-II)
NED University of Engineering & Technology
Karachi

Subject: - **TENDER FOR PROCUREMENT OF FURNITURE ITEMS FOR DEPARTMENT OF INFORMATION TECHNOLOGY.**

1. Having examined the instructions to the tenders, drawings, conditions of contract (General conditions and the conditions of particular application), and specifications, bill of quantities and having visited and inspected the site of the above named works. I/We the undersigned offer to carryout, complete the above works/supplies in conformity with the said instructions to tenders; conditions of work order/contract, specifications, Bill of Quantities, for the following sums or such other sum as may be ascertained in I accordance with said conditions.

   Rs. 500/- (Rupees Five Hundred Only)

2. We undertake if my/our tender is accepted to commence the works within one week of recognized of the work order.

3. We agree to abide by this tender for a period of 60 days from the date of opening the same and it shall remain binding upon us and may be accepted at any time before the expiration of the said period of 60 days.

4. I/We understand that you are not bound to accept the lowest or any tender you may receive and you may reject any or all tenders without assigning any reason.

Signature of Contractor/Seal of Firm
Authorised Representative of Firm

APPENDIX TO FORM OF TENDER

Earnest Money	2.5% of the bid cost in shape of Pay Order in favour of Director Finance, NED UET.
Period of commencement from receipt of Purchase Order.	Within 03 days
Time completion.	Two (02) Months
Amount of liquidated damages.	0.1 % of the Contract amount per day for the work remains un-commenced and un-completed after due date up to maximum of 10% and after that termination of contract.
Period of maintenance.	06 months
Percentage of retention.	10% from each running bill
Retention money during maintenance period.	10% of the Contract amount
Minimum amount of Interim Certificate.	……
Contractor's address for serving the notice.	……
Persons or bodies corporate forming Partnership or Company.	……

INSTRUCTIONS TO TENDERS

a) Assistant Director (Procurement-II), NED University of Engineering & Technology, calls tenders for the supply in accordance with the Bill of Quantities attached here to be submitted by or before **10:00 AM** on **13-07-2016**. Tenders cost will not be reimbursed for any cost of any kind whatsoever incurred in connection with the preparations and submission of their tenders.

b) **Eligibility Criteria Single Stage One Envelope Procedure / Method**
Tender and Bidding documents of this method shall contain the following Eligibility Criteria:

i) Relevant Experience
ii) Turn-over of at least Three (03) Years
iii) Registration with Income Tax, Sales Tax, SRB and Pakistan Engineering Council (where applicable).

c) The tender for the each work should be in the sealed envelope bearing name of the work/contractor/firm clearly marked and addressed to Assistant Director (Procurement-II), NED University of Engineering & Technology, Karachi.

d) The tender may be delivered in person or sent by registered mail so as to reach on or before the date & time stated above. Any tender received after the stipulated time will not be considered regardless of the cause of delay.

e) All tenders are invited to be present for the opening of the tender on **13-07-2016** at **10:30 AM** The name of each tenderer and his total contract price only will be read aloud and recorded.

f) Any tender/tenders without earnest money will not be entertained. Earnest money of the awarding supplier may be return after successful delivery of the furniture. If the supplier fails to supply the quoted/awarded items within the stipulated time his/her work order will be cancelled as per rule and earnest money shall also be forfeited.

g) Detailed particulars of the work/works can be seen in the Department of Information Technology, on any working day during the office hours.

Bidders must provide the Non-Black List Certificate (confirming that bidder has never been black listed from any Government / Semi Government Organization) and must have paid and valid Professional Tax Certificate.

h) Tenders shall be made in the forms supplied therefore, with all items and blanks properly filled in. All data and figures and the signature of persons signing the tender shall be in ink.

i) All unit prices filled in the schedule of quantities shall be firm. The unit prices against each item of work and estimate amount and all other data called for shall be given.

j) All prices quoted shall be deemed to include all costs of performing the works, including labour, materials, income tax, duties, octori charges, royalties permit etc. and no claim whatsoever shall be accepted in case of escalation any or all prices entered in rate of bid.

k) The actual sum to be paid to the contractor whose tender is accepted shall be determined by measuring the work actually done or supplying/repairing the actual number of items in accordance with the work order and valuing it at the rates or prices by the contractor in the tender.

l) "Incase of a discrepancy between the unit price and amount entered for any item in the schedule of quantities, the unit price will be taken as correct and the amount will be adjusted accordingly when the tender is being examined".

m) Evaluation of Bids: In comparing bids, the Purchaser will consider such factors as compliance with specifications, relative quality, past experience, after – sales services facilities available in Pakistan and the bidders capability to perform.

n) 10% Security Deposit / Retention Money will be deducted from each bill on the paid amount of the contract, which will be returned after maintenance period of six months.

o) The tender must be signed on each and every page by a person(s) authorized to do so.

p) The samples can be seen on any working day during the office hours.

q) "Engineer" means the Assistant Director (Procurement-II) of the University or any other Engineer appointed by him.

Assistant Director (Procurement-II)

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY, KARACHI

PROCUREMENT CELL

Terms & Conditions

1. Supply is required within **02** months from the date of letter of award.

2. Inspection: ***Inspection Committee / HOD will make Inspection of furniture***.

3. In case of late delivery @ 0.1% per day will be charged on bid amount deducted from the bill, but not more than 10% of contract value.

4. Quantities shown in the quotation are approximate and no claim shall be entertained for quantities of executed being 30% more or less than those entered in the B.O.Q.

5. All prices will include all costs of performing the works including labour, material, income tax, GST, octroi charges, royalties & transportation etc. as mentioned in B.O.Q.

6. No subletting of all or any part of work will be allowed at any cost / reasons.

7. The supplier will see the sample before quoting the rates.

8. Store will be delivered at NED University, Main Campus.

9. Chairman, Department of Mechanical Engineering and Inspection Officer will issue inspection certificate after inspection through Inspection Committee.

10. If the supply is not found according to the specification and samples provided, will be rejected at risk and cost of the manufacturer and in case the manufacturer fails to supply the order, the firm will be black listed.

11. Payments: -

    11.1 The actual sum to be paid shall be determined by quantifying/measurements of items actually supplied valuing it at the rates/prices quoted in the approved quotations.

    11.2 10% Security Deposit / Retention Money will be retained from each bill up to a period of six months from the date of supply of order.

    11.3 Part payment against part supply can be allowed.

Assistant Director (Procurement-II)

Subject: **BOQ FOR THE PROCUREMENT OF FURNITURE ITEMS FOR DEPARTMENT OF MECHANICAL ENGINEERING.**

Tender No. PD(M-III)/NED/Mechanical/Fur/199/16 dated 13/07/2016

Item No.	Description of items/specifications	Actt. Unit	Total Qty. Reqd.	Price in Pak. Rupees	
				Unit Price	Total Amount
01	**Tablet Chair:** To be made with well seasoned sheesham wood. Should be free from white and yellow layer (Sap Wood), Knots and Cracks. To be finished with natural Lacquer Polish. As per sample available in Mechanical Engineering department complete in all respect.	**Nos.**	**100**		
02	**Classroom Board:** Super writing surface for writing with dry marker (erase), Size: L 8', W 4'	**Nos.**	**04**		
03	**Classroom Board:** Super writing surface for writing with dry marker (erase), Size: L 4', W 4'	**Nos.**	**02**		
			Total amount without GST		
			Total amount of 17% GST		
			Total amount with GST		

Signature of Contractor with seal

Nukash
07-09-14
CMD

D(Pel)

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY, KARACHI

TENDER DOCUMENT

Procurement Cell

TITLE OF THE JOB

PROCUREMENT OF FURNITURE ITEMS FOR DEPARTMENT OF INFORMATION TECHNOLOGY.

TENDER NO. PD(M-III)/NED/IT/FUR/200/16
DATE 13/07/2016

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY, KARACHI

Procurement Cell

To,

The Assistant Director (Procurement-II)
NED University of Engineering & Technology
Karachi

Subject: - **TENDER FOR PROCUREMENT OF FURNITURE ITEMS FOR DEPARTMENT OF INFORMATION TECHNOLOGY.**

1. Having examined the instructions to the tenders, drawings, conditions of contract (General conditions and the conditions of particular application), and specifications, bill of quantities and having visited and inspected the site of the above named works. I/We the undersigned offer to carryout, complete the above works/supplies in conformity with the said instructions to tenders; conditions of work order/contract, specifications, Bill of Quantities, for the following sums or such other sum as may be ascertained in I accordance with said conditions.

   Rs. 300/- (Rupees Three Hundred Only)

2. We under take if my/our tender is accepted to commence the works within one week of recognized of the work order.

3. We agree to abide by this tender for a period of 60 days from the date of opening the same and it shall remain binding upon us and may be accepted at any time before the expiration of the said period of 60 days.

4. I/We understand that you are not bound to accept the lowest or any tender you may receive and you may reject any or all tenders without assigning any reason.

Signature of Contractor/Seal of Firm
Authorised Representative of Firm

APPENDIX TO FORM OF TENDER

Earnest Money	2.5% of the bid cost in shape of Pay Order in favour of Director Finance, NED UET.
Time completion.	Two (02) Months
Amount of liquidated damages.	0.1 % of the Contract amount per day for the work remains un-commenced and un-completed after due date up to maximum of 10% and after that termination of contract.
Period of maintenance.	06 months

INSTRUCTIONS TO TENDERS

a) Project Director (M-III), NED University of Engineering & Technology, calls tenders for the supply in accordance with the Bill of Quantities attached here to be submitted by or before **10:30 A.M** on **13-07-2016**. Tenders cost will not be reimbursed for any cost of any kind whatsoever incurred in connection with the preparations and submission of their tenders.

b) **Eligibility Criteria Single Stage One Envelope Procedure / Method**
Tender and Bidding documents of this method shall contain the following Eligibility Criteria:

i) Relevant Experience
ii) Turn-over of at least Three (03) Years
iii) Registration with Income Tax, Sales Tax, SRB and Pakistan Engineering Council (where applicable).

c) The tender for the each work should be in the sealed envelope bearing name of the work/contractor/firm clearly marked and addressed to Project Director (M-III), NED University of Engineering & Technology, Karachi.

d) The tender may be delivered in person or sent by registered mail so as to reach on or before the date & time stated above. Any tender received after the stipulated time will not be considered regardless of the cause of delay.

e) All tenders are invited to be present for the opening of the tender on **13-07-2016** at **11:00 A.M** The name of each tenderer and his total contract price only will be read aloud and recorded.

f) Any tender/tenders without earnest money will not be entertained. Earnest money of the awarding supplier may be return after successful delivery of the furniture. If the supplier fails to supply the quoted/awarded items within the stipulated time his/her work order will be cancelled as per rule and earnest money shall also be forfeited.

g) Detailed particulars of the work/works can be seen in the Department of Information Technology, on any working day during the office hours.

Bidders must provide the Non-Black List Certificate (confirming that bidder has never been black listed from any Government / Semi Government Organization) and must have paid and valid Professional Tax Certificate.

h) Tenders shall be made in the forms supplied therefore, with all items and blanks properly filled in. All data and figures and the signature of persons signing the tender shall be in ink.

The completed forms should be without interlineations, alterations or erasures but if these are necessary to correct errors made by the tenderer, person(s) signing the tender shall initial them. Conditional tenders will not be accepted.

i) All unit prices filled in the schedule of quantities shall be firm. The unit prices against each item of work and estimate amount and all other data called for shall be given.

j) All prices quoted shall be deemed to include all costs of performing the works, including labour, materials, income tax, duties, octori charges, royalties permit etc. and no claim whatsoever shall be accepted in case of escalation any or all prices entered in rate of bid.

k) The actual sum to be paid to the contractor whose tender is accepted shall be determined by measuring the work actually done or supplying/repairing the actual number of items in accordance with the work order and valuing it at the rates or prices by the contractor in the tender.

l) "Incase of a discrepancy between the unit price and amount entered for any item in the schedule of quantities, the unit price will be taken as correct and the amount will be adjusted accordingly when the tender is being examined".

m) Evaluation of Bids: In comparing bids, the Purchaser will consider such factors as compliance with specifications, relative quality, past experience, after – sales services facilities available in Pakistan and the bidders capability to perform.

n) The tender must be signed on each and every page by a person(s) authorized to do so.

o) The samples can be seen on any working day during the office hours.

p) "Engineer" means the Project Director (M-III) of the University or any other Engineer appointed by him.

Assistant Director (Procurement-II)

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY, KARACHI

Procurement Cell

Terms & Conditions

1. Supply is required within **02** months from the date of letter of award.

2. Inspection: ***Inspection Committee / HOD will make Inspection of furniture***.

3. Quantities shown in the quotation are approximate and no claim shall be entertained for quantities of executed being 30% more or less than those entered in the B.O.Q.

4. All prices will include all costs of performing the works including labour, material, income tax, SST, octroi charges, royalties & transportation etc. as mentioned in B.O.Q.

5. No subletting of all or any part of work will be allowed at any cost / reasons.

6. The supplier will see the sample before quoting the rates.

7. Store will be delivered at NED University, Main Campus.

8. Director, Department of Information Technology and Inspection Officer will issue inspection certificate after inspection through Inspection Committee.

9. If the supply is not found according to the specification and samples provided, will be rejected at risk and cost of the manufacturer and in case the manufacturer fails to supply the order, the firm will be black listed.

10. Payments: -

    i. The firm should submit stamp duty as per Government Rules of order value before execution of work.

    ii. 5% Retention Money to be deducted from each Bill and to be released after completion of warranty / maintenance period.

    iii. Payment to be made within 30 days after the issuance of inspection certificate and consignee's receipt certificate.

    iv. If the supply is not according to the specifications or unsatisfactory, the Contract will rejected and cancelled at the risk and cost of Firm.

    v. It the firm fails to execute the contract/supply order as per condition, action will be taken against them which may be their black listing and E.M. / S.D. will be forfeited.

    vi. In case of late delivery @ 0.1% per day will be charged on bid amount deducted from the bill, but not more than 10% of contract value.

Assistant Director (Procurement-II)

Subject: **BOQ FOR THE PROCUREMENT OF FURNITURE ITEMS FOR DEPARTMENT OF INFORMATION TECHNOLOGY.**

Tender No. PD(M-III)/NED/IT/FUR/200/16 dated 13/07/2016

Item No.	Description of items/specifications	Actt. Unit	Total Qty. Reqd.	Price in Pak. Rupees	
				Unit Price	Total Amount
	Establishment of PORTAL Officers Room Furniture				
1	**Executive Chair**	Nos.	01		
	High Back Chair ▪ Functional, ergonomic and eminently aesthetic. ▪ Lockable revolving and tilting mechanism with extra thickness for stability and strength. ▪ Fixed position angle control System. ▪ Sleek and stylish metal armrest with wooden top. ▪ Chromic base. ▪ Upholstery black leatherette. ▪ Adjustable seat height-gas lifts type and swivel. ▪ Twin wheel castors, which meet requirements of BIFMA and DIN standards.				
2.	**Staff Chairs**	Nos.	22		
	▪ Functional, ergonomic and eminently aesthetic. ▪ Lockable revolving and tilting mechanism with extra thickness for stability and strength. ▪ Extra torsion adjustment control to provide the desire tilting function. ▪ Double shell system for extra comfort, easy handling and extra strength for the chair structure. ▪ High frequency compression process on multi-layered veneer shell, anatomically designed for posture care. ▪ Adjustable seat height-gas lifts type and swivel. ▪ Arm rest in metallic with wooden top. ▪ Chromic base. ▪ Upholstery black leatherette.				
3.	**Visitors' Chairs**	Nos.	12		
	▪ Sleek and stylish polypropylene armrests. ▪ Upholstery black leatherette. ▪ High frequency compression process on multi-layered veneer shell, anatomically designed for posture support.				

P.T.O.

Item No.	Description of items/specifications	Actt. Unit	Total Qty. Reqd.	Price in Pak. Rupees	
				Unit Price	Total Amount
4	**Manager Chairs**	Nos.	04		
	▪ Low Back Chair ▪ Lockable revolving and tilting mechanism with extra thickness for stability and strength. ▪ Fixed position angle control System. ▪ Sleek and stylish metal armrest with wooden top. ▪ Chromic base. ▪ Upholstery black leatherette. ▪ Adjustable seat height-gas lifts type and swivel. ▪ Twin wheel castors, which meet requirements of BIFMA and DIN standards.				
5.	**Sofa Set**	No.	01		
	▪ Sofa Set 5 Seater (3 + 1 + 1) Black Leather with wooden arm rest.				
6.	**Centre Table**	Nos.	01		
	▪ Wooden Centre Table				
			Total		
			Add SST		
			NET Estimated Amount with SST		

General Terms & Conditions

i) The images of furniture items are attached as annexure.

ii) The foam used should be Master Molty foam or equivalent.

iii) All items are subject to approval of sample from IT Department prior to delivery.

Signature of Contractor with seal

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY

INVITATION TO TENDER

PRICE Rs. 500/- (NOT REFUNDABLE/ TRANSFERABLE)

From:
Assistant Director (Procurement-II)
NED University of Engineering and
Technology, Karachi.

To:
M/s. _____

Name of Work: Extension of Network Operation Centre (Data Centre) of Internet Centre / Backup / Replacement of Switches for connection with various Departments to central NOC.

Invitation to Tender No. **PD(M-III)/NED/IT/NOC/201/16** Due on **13-07-2016**

Dear Sir/ Sirs,

1. You are hereby invited to submit your tender for the items as detailed in the schedule to this invitation. Your offer must be subject to the conditions laid down in the instructions (overleaf). Every tenderer quoting against this invitation to tender shall be deemed to have read and understood these conditions and details, specifications, etc. of items required.
2. The tenderer shall also sign the certificate given to the effect that the items shall be supplied exactly in accordance with requirements specified in the schedule. If there is any deviation, it should be clearly stated by tenderer; otherwise it would be presumed that the offer is strictly in accordance with the requirements of the Tendered Specifications/ Notice.
3. Items required for delivery as stated in the schedule. If, however, it is not possible to deliver by the specified date, tenderer shall give guaranteed date by which he can deliver the items.
4. Failure to submit the tender in the manner prescribed will render it liable to be ignored/discarded.
5. The Tenderer is at liberty to quote for full tendered items and shall supply at rates quoted in his quotation. Part items shall not be considered for award of work.

Yours faithfully,

Assistant Director (Procurement-II)
Phone: 99261261-68 Ext: 2220, 2471
Fax: 99261255

P.T.O.

SPECIAL INSTRUCTIONS

1. The items are required within three weeks. Tenderers may, however, give their **shortest guaranteed delivery period** by which the supply will be completed. In absence of such period, delivery period shall be treated as three weeks after tender acceptance.

2. The tenderers shall quote their firm & final prices, in local currency, on **NED University Campus basis** for the items strictly according to indicating also where items will be offered for inspection particulars given in the invitation to tender.

3. Tenderers are required to specify the **country of origin of items offered, make of year, name of manufacturer, model no. and furnish detailed technical descriptive catalogue/literature along with their offer.**

4. Tenderers are required to deposit the **Earnest Money @ 2.50 %** of total bid amount in the form of pay order in favour of Director Finance, NED University.

5. **Performance Bond:** Performance Bond in shape of Pay Order / Demand Draft / Bank Guarantee equal to 5% cost of the order shall be furnished within 07 days of acceptance of Purchase order and shall remain in force for 06 months after completion of work. The validity of the Bond will be extended if required.

6. The offer shall remain open for 60 days from the date of opening of tender and the **rates should be inclusive of all taxes. SST must be quoted separately**. If the offer is with-drawn or amended during the validity period of the offer and or if acceptance of tender issued during the validity period of the offer is not accepted by the tenderer, the **earnest money** is liable to be forfeited and further action taken against the defaulter as per SPPRA rules.

7. The purchaser reserves the right to accept any tender or reject any or all tenders under relevant clause of SPPRA Rules 2010.

8. Bidders must provide the Non-Black List Certificate (confirming that bidder has never been black listed from any Government / Semi Government Organization) and must have paid and valid Professional Tax Certificate.

9. **Payment Terms:** i) The firm should submit stamp duty as per Government Rules of order value before execution of work.
   ii) 5% Retention Money to be deducted from each Bill and to be released after completion of warranty / maintenance period.
   iii) Payment to be made within 30 days after the issuance of inspection certificate and consignee's receipt certificate.
   iv) If the supply is not according to the specifications or unsatisfactory, the Contract will rejected and cancelled at the risk and cost of Firm.
   v) It the firm fails to execute the contract/supply order as per condition, action will be taken against them which may be their black listing and E.M. / S.D. will be forfeited.
   vi) In case of late delivery @ 0.1% per day will be charged on bid amount deducted from the bill, but not more than 10% of contract value.

10. **Eligibility Criteria: (Single Stage One Envelope Procedure / Method)**

    (a) Tender and Bidding documents of this method shall contain the following Eligibility Criteria:
    (i) Relevant Experience
    (ii) Turn-over of at least Three (03) Years
    (iii) Registration with Income Tax, Sales Tax, SRB and Pakistan Engineering Council (where applicable).

    (b) Each bid shall comprise One Single Envelope containing the financial proposal and required information mentioned at clause (a) above.

11. **Evaluation Criteria:** In comparing bids, the Purchaser will consider such factors as compliance with specifications, relative quality.

12. The tenderers shall enclose with their tender a certificate as under; failing which their tender is liable to be considered non-responsive.

CERTIFICATE

We guarantee to supply the stores in accordance with requirements specified in this invitation to tender.

Signature of Tenderer

Name and full Address

Office Stamp

Phone No.

Fax No.

E-mail Address:

P.T.O.

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY.

PURCHASE INFORMATION FORM

PRICE Rs. 500/- (NOT REFUNDABLE/ TRANSFERABLE)

Firm's Registration No. **Not Applicable**

Schedule to Invitation of Tender No. **PD(M-III)/NED/IT/NOC/201/16**

Date of Receipt of Invitation to Tender by Supplier.....

Time for Receipt of Tender in University..... **on 13-07-2016** ..... up to ..... 11:00 A.M

Time for Opening of Tender ..... **on 13-07-2016** ..... at ..... 11:30 A.M

Offer shall remain open for 60 days from the date of opening.

The tenderer shall quote on free delivery to Consignee at NED University of Engineering and Technology, including all Taxes.

Item No.	Description of items/specifications	Unit	Total Qty.	Price in Pak. Rupees			
				Unit Price	Amount	SST Amount	Total amount with SST
1	**Racks & Cabinets**						
	Rack 42U 600X 1000 lockable front perforated door, including 4 two way exhaust fan, 2-fixed 1-sliding tray, removable side panels, black powder coated, Loading capacity 800KG, 2 X Basic Rack PDU: 16A IEC309; 20 way C13; 4 way C19;0U	**Nos.**	**5**				
	Rack 42U 800X 1000C lockable front perforated door, including 4 two way exhaust fan, 2-fixed 1-sliding tray, removable side panels, black powder coated, Loading capacity 800KG. 2 X Basic Rack PDU: 16A IEC309; 20 way C13; 4 way C19;0U	**Nos.**	**3**				
2.	**Network Monitoring & Management Equipment / 15-inch 8-Ports IP Base LCD KVM with Accessories**						
	Auto View 3008 Digital KVM Appliance or Equivalent 8-Port IP KVM with 4 X USBIAC-10Integrated Access Cable Cat5 - USB, 10 ft.	**Nos.**	**3**				
	17" LCD Tray with APCAB-PS2 & APCAB-USB cables – US keyboard and US power cord	**Nos.**	**3**				
	40" LED HD TV with accessories	**Nos.**	**2**				
3.	**Fibre Cable Termination Of Various Departments To New Data Centre / Gigabit Ethernet Connectivity between Racks**						
	AMP NETCONNECT SL Series Patch Panel, Category 6, Unshielded, 48-Port, Straight, 2U or Equivalent.	**Nos.**	**4**				

Item No.	Description of items/specifications	Unit	Total Qty.	Price in Pak. Rupees			
				Unit Price	Amount	SST Amount	Total amount with SST
	AMP NETCONNECT SL Series Patch Panel, Category 6, Unshielded, 24-Port, Straight, 1U or Equivalent.	**Nos.**	**4**				
	AMP NETCONNECT Cable Management Panel, Horizontal Finger Duct, Single-sided, 2U (3.50 in) x 19.0 in, Front: H 3.0 in x D 3.0 in or Equivalent.	**Nos.**	**15**				
	AMP NETCONNECT Category 6 (CAT6) 24 AWG solid bare copper, 4-pair UTP cable, exceed TIA/EIA-568-B.2-1 and ISO/IEC 11801:2002 Class E, IEC61156-5, IEC60332-1-2, EN50288-6-1 and EN50173-1 Standard or Equivalent.	**Nos.**	**6**				
	AMP NETCONNECT Patch Lead RJ45 Cat6 UTP CM, Snagless Boots 4ft (1.21m) or Equivalent.	**Nos.**	**96**				
	AMP NETCONNECT Patch Lead RJ45 Cat6 UTP CM, Snagless Boots 10ft (3.05m) or Equivalent.	**Nos.**	**96**				
	AMP NETCONNECT Drawer style, 1U 19", 300 mm deep, SC Fiber Patch Panel, including 12 x SC duplex multimode coupler, fiber management rings, metric cable glands & pre-installed dust cover or Equivalent.	**Nos.**	**3**				
	AMP NETCONNECT Drawer style, 1U 19", 300 mm deep, SC Fiber Patch Panel, including 12 x SC duplex Singlemode coupler, fiber management rings, metric cable glands and pre-installed dust cover or Equivalent.	**Nos.**	**4**				
	AMP NETCONNECT SC Simplex Pigtail, Multimode OM2, 50/125µ, LSZH Jacket, IEC compliant end-faces exceeding the requirements of ISO/IEC 11801, EN 50173 and EIA/TIA 568 or Equivalent.	**Nos.**	**76**				
	AMP NETCONNECT SC Simplex Pigtail, Singlemode OS, 9/125µ, LSZH Jacket, IEC compliant end-faces exceeding the requirements of ISO/IEC 11801, EN 50173 and EIA/TIA 568 or Equivalent.	**Nos.**	**96**				
	Installation and Commissioning of Gigabit Ethernet Connectivity b/w Racks	**Nos.**	**1**				
	Re-Splicing of Existing fiber core (As per actual)	**Nos.**	**170**				
	Re-termination of Existing ethernet network & connectivity	**Nos.**	**1**				
	Relocation of existing servers & communication for temporary basis	**Nos.**	**1**				
4.	Computer Room Air Conditioning System						
	Floor Standing AC 4 TON	**Nos.**	**2**				
	Piping & Accessories	**Job.**	**2**				
5.	HPL Anti Static Raised Flooring						

P.T.O.

Item No.	Description of items/specifications	Unit	Total Qty.	Price in Pak. Rupees			
				Unit Price	Amount	SST Amount	Total amount with SST
	Supply and Installation of Raise flooring Dimension: 600 x 600 mm Panel thickness: 38mm Panel surface: Antistatic HPL covering	**Sq.ft**	**272**				
	Panel Removing Tool Tile Lifter Double	**Nos.**	**1**				
	Small round wiring box with covers	**Nos.**	**16**				
6.	Fire Safety System						
	Fire Suppression System FM 200 compliant Fire suppression systems for server rooms and data centres are essential to the server room itself. A fire suppression system will automatically extinguish a fire without the need of human intervention. Fire suppression systems for data centres must be suitable for clean air environments, as server rooms and data centres are mostly occupied by personnel • CONVENTIONAL EXTINGUISHING AREA CONTROL PANEL • SMOKE DETECTOR WITH BASE • MANUAL PULL STATION • ABORT SWITCH • HORN/STROBE • 6" FIRE ALARM BELL • GAS CONTAINER & ACTUATOR • 360 DEGREE DISCHARGE NOZZLE • CAUTION SIGN (DO NOT ENTER) • MECHANICAL FITTING WITH MS SCHEDULE 40 HIGH PRESSURE PIPING AND ACCESSORIES AS PER FM 200 PIPING STANDARDS. WIRING FOR SYSTEM COMPONENTS WITH 2X1.5SQ.MM PVC WIRES IN 20MM DIA PVC CONDUIT AND AS REQUIRED COMPLETE WITH JUNCTION BOX AND ALL ACCESSORIES. • TESTING, COMMISSIONING, TRAINING	**Nos.**	**1**				
	Environment Monitoring Solution EMS Environment Monitoring Solution for Monitoring, temperature, humidity, USB camera, GSM modem, voltage, water & digital sensors.	**Nos.**	**1**				
	TEMPERATURE, HUMIDITY SENSOR	**Nos.**	**2**				
	AIR-FLOW	**Nos.**	**2**				
	WATER DETECTION CABLE	**Nos.**	**2**				
	VOLTAGE SENSOR	**Nos.**	**2**				
	GSM MODULE	**Nos.**	**1**				

Item No.	Description of items/specifications	Unit	Total Qty.	Price in Pak. Rupees			
				Unit Price	Amount	SST Amount	Total amount with SST
	IP CAMERA/ USB CAMERA	**Nos.**	**1**				
	Access control with RFID and key pad access options the system should be intelligent and capable of controlling one door. Software, Door control panel, Surge Suppressors, with Lan Support Power Supply, Door Lock Bolt/Electro Magnetic	**Nos.**	**1**				
7.	Replacement of Switches for connection with various departments to central NOC / Core Switch 4510 or Equivalent						
	Cisco Catalyst 2960-24TC-L, 24 10/100BASE-TX Ethernet ports and 2 X 10/100/1000 Dual purpose uplink Ports (WS-C2960-24TC-L)	**Nos.**	**1**				
	Cisco Catalyst 3850 Series switch Stackable 24 10/100/1000 Ethernet ports, with 350WAC power supply 1 RU, LAN Base feature set (WS-C3850-24T-L)	**Nos.**	**1**				
	Installation and Commissioning of above items						
	CIVIL WORKS Construction of concrete data centre room structure	**Job**	**1**				
	Dismantling & Construction for wash room into power room	**Job**	**1**				
	3.5x7' Tempered Glass Door with auto lock & door frame	**Nos.**	**1**				
	Paint works within Data enter & power room	**Job**	**1**				
	Dampa False Ceiling	**Job**	**1**				
	Supply of galvanized steel tray for ACs gas piping.	**Job**	**1**				
	ELECTRICAL WORKS Supply and installation of 10mmsq 4C with 10mmsq 1C flexible cable laying from data centre DB to UPS Input output with Clipsal wall mount industrial plug/socket	**Job**	**1**				
	Supply and installation of 6mmsq 3C cable layi8ng from data centre distribution box to NOS racks with dual supply holding Clipsal industrial plug sockets	**Job**	**1**				
	Supply and installation of 6mmsq. 1c x 2 with 1.5mmsq 1c x 1 cable laying from data centre db to NOS 2-ton x 4 split ac with Clipsal 15A switch socket.	**Job**	**1**				
	Supply and installation of 6mmsq, 4c + 6mmsq 1C cable laying from data centre db to NOS 4-ton x 2 floor stand ac with Clipsal Industrial Plug / Socket	**Job**	**1**				
	Supply and installation for 3/0.29 wiring for 2x2 light fixtures with Clipsal switch board and wiring from db to one user with Clipsal international switch socket.	**Job**	**1**				
	Supply and installation of 2 x 2 light fixture	**Nos.**	**17**				

P.T.O.

Item No.	Description of items/specifications	Unit	Total Qty.	Price in Pak. Rupees			
				Unit Price	Amount	SST Amount	Total amount with SST
	Supply and installation of Power Distribution Box holding required MCCB, MCB Volt meter, 1-0-2 changeover and LED indications.	**Job**	**1**				
	Supply and installation of emergency Push off Switch	**Job**	**1**				
	PVC Channel & Accessories for Power Cabling	**Job**	**1**				
	EARTH (GROUNDING AND BONDING SOLUTIONS) Boring and construction of inspection chamber for electrical earthing system for NOC section of ITD, boring of 4" dia in any kind of soil, wet, hard or soft upto 15 meter depth. Chamber of RCC with inner dimension 12"x12"x12", with 12"x12" G.I cover. Complete in all respect as per drawing	**Job**	**1**				
	DATA & POWER CABLE TRAYS Supply of Galvanized perforated cable Tray or Ladder for Data & Power above the racks & under the rack powder coated 18 gauge 8x3 inch cable routing system for Data cables within the data center. The cable routing solution will be fast and easy to deploy and easily scalable made out of metal and will have proper bends and droppings with round edges to ensure bend radius control of cables and protect cable damages.(Charged as per Actual).	**Rft**	**150**				
			Total Amount				

Terms & conditions

i) The above project will be awarded on Turn Key Basis.

Ii) Vendors with proven experience and track record of building Enterprise Data Centre will be preferred.

iii) All items should bear standard warranty.

iv) Detailed diagram of EARTH (Grounding and Bonding) is attached as Annexure.

For item(s) 1, 4 & 5:

v) The detailed specifications are also attached as Annexure.

Signature & Stamp of Tenderer

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY

INVITATION TO TENDER

PRICE Rs. 500/- (NOT REFUNDABLE/ TRANSFERABLE)

From:
Assistant Director (Procurement-II)
NED University of Engineering and
Technology, Karachi.

To:
M/s. _____

Name of Work: Procurement of Various Devices for ISP/ Portal Facilities for IT Department

Invitation to Tender No. **PD(M-III)/NED/IT/Portal-Facilities/202/16** Due on **13-07-2016**

Dear Sir/ Sirs,

1. You are hereby invited to submit your tender for the items as detailed in the schedule to this invitation. Your offer must be subject to the conditions laid down in the instructions (overleaf). Every tenderer quoting against this invitation to tender shall be deemed to have read and understood these conditions and details, specifications, etc. of items required.
2. The tenderer shall also sign the certificate given to the effect that the items shall be supplied exactly in accordance with requirements specified in the schedule. If there is any deviation, it should be clearly stated by tenderer; otherwise it would be presumed that the offer is strictly in accordance with the requirements of the Tendered Specifications/ Notice.
3. Items required for delivery as stated in the schedule. If, however, it is not possible to deliver by the specified date, tenderer shall give guaranteed date by which he can deliver the items.
4. Failure to submit the tender in the manner prescribed will render it liable to be ignored/discarded.
5. The Tenderer is at liberty to quote for full tendered items and shall supply at rates quoted in his quotation. Part items shall not be considered for award of work.

Yours faithfully,

Assistant Director (Procurement-II)
Phone: 99261261-68 Ext: 2220, 2471
Fax: 99261255

P.T.O.

SPECIAL INSTRUCTIONS

1. The items are required within three weeks. Tenderers may, however, give their **shortest guaranteed delivery period** by which the supply will be completed. In absence of such period, delivery period shall be treated as three weeks after tender acceptance.

2. The tenderers shall quote their firm & final prices, in local currency, on **NED University Campus basis** for the items strictly according to indicating also where items will be offered for inspection particulars given in the invitation to tender.

3. Tenderers are required to specify the **country of origin of items offered, make of year, name of manufacturer, model no. and furnish detailed technical descriptive catalogue/literature along with their offer.**

4. Tenderers are required to deposit the **earnest money @ 2.50 %** of total bid amount in the form of pay order in favour of Director Finance, NED University.

5. **Performance Bond:** Performance Bond in shape of Pay Order / Demand Draft / Bank Guarantee equal to 5% cost of the order shall be furnished within 07 days of acceptance of Purchase order and shall remain in force for 06 months after completion of work. The validity of the Bond will be extended if required.

6. The offer shall remain open for 60 days from the date of opening of tender and the **rates should be inclusive of all taxes. SST must be quoted separately**. If the offer is with-drawn or amended during the validity period of the offer and or if acceptance of tender issued during the validity period of the offer is not accepted by the tenderer, the **earnest money** is liable to be forfeited and further action taken against the defaulter as per SPPRA rules.

7. The purchaser reserves the right to accept any tender or reject any or all tenders under relevant clause of SPPRA Rules 2010.

8. Bidders must provide the Non-Black List Certificate (confirming that bidder has never been black listed from any Government / Semi Government Organization) and must have paid and valid Professional Tax Certificate.

9. **Payment Terms:** i) The firm should submit stamp duty as per Government Rules of order value before execution of work.
   ii) Payment to be made within 30 days after the issuance of inspection certificate and consignee's receipt certificate.
   iii) 5% Retention Money to be deducted from each Bill and to be released after completion of warranty / maintenance period.
   iv) If the supply is not according to the specifications or unsatisfactory, the Contract will rejected and cancelled at the risk and cost of Firm.
   v) It the firm fails to execute the contract/supply order as per condition, action will be taken against them which may be their black listing and E.M. / S.D. will be forfeited.
   vi) In case of late delivery @ 0.1% per day will be charged on bid amount deducted from the bill, but not more than 10% of contract value.

10. **Eligibility Criteria: (Single Stage One Envelope Procedure / Method)**

    (a) Tender and Bidding documents of this method shall contain the following Eligibility Criteria:
    (i) Relevant Experience
    (ii) Turn-over of at least Three (03) Years
    (iii) Registration with Income Tax, Sales Tax, SRB and Pakistan Engineering Council (where applicable).

    (b) Each bid shall comprise One Single Envelope containing the financial proposal and required information mentioned at clause (a) above.

11. **Evaluation Criteria:** In comparing bids, the Purchaser will consider such factors as compliance with specifications, relative quality.

12. The tenderers shall enclose with their tender a certificate as under; failing which their tender is liable to be considered non-responsive.

CERTIFICATE

We guarantee to supply the stores in accordance with requirements specified in this invitation to tender.

Signature of Tenderer

Name and full Address

Office Stamp

Phone No.

Fax No.

E-mail Address:

P.T.O.

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY.

PURCHASE INFORMATION FORM

PRICE Rs. 500/- (NOT REFUNDABLE/ TRANSFERABLE)

Firm's Registration No. **Not Applicable**

Schedule to Invitation of Tender No. **PD (M-III)/NED/IT/Portal-Facilities/202/16**

Date of Receipt of Invitation to Tender by Supplier.....

Time for Receipt of Tender in University..... **on 13-07-2016** ..... up to ..... 11:30 A.M

Time for Opening of Tender ..... **on 13-07-2016** ..... at ..... 12:00 P.M

Offer shall remain open for 60 days from the date of opening.

The tenderer shall quote on free delivery to Consignee at NED University of Engineering and Technology, including all Taxes.

Item No.	Description of items/specifications		Unit	Total Qty.	Price in Pak. Rupees			
					Unit Price	Amount	SST Amount	Total amount with SST
1	**Cisco 4415-X Router or Equivalent with all accessories**							
	ISR4451-X/K9	Cisco ISR 4451 (4GE 3NIM 2SM 8G FLASH 4G DRAM)	Nos.	1				
	CON-SNT-ISR45XK9	SMARTNET 8X5XNBD Cisco ISR4451 (4GE3	Nos.	1				
	SL-44-IPB-K9	IP Base License for Cisco ISR 4400 Series	Nos.	1				
	PWR-4450-AC	AC Power Supply for Cisco ISR 4450 and ISR4350	Nos.	1				
	PWR-4450-AC/2	AC Power Supply (Secondary PS) for Cisco ISR 4450	Nos.	1				
	CAB-ACU	AC Power Cord (UK) C13 BS 1363 2.5m	Nos.	2				
	MEM-4400-4G	4G DRAM (2G+2G) for Cisco ISR 4400	Nos.	1				
	MEM-4400-DP-2G	2G DRAM (1 DIMM) for Cisco ISR 4400 Data Plane	Nos.	1				
	MEM-FLASH-8G	8G Compact Flash Memory for Cisco ISR 4450	Nos.	1				
	POE-COVER-4450	Cover for empty POE slot on Cisco ISR 4450	Nos.	2				
	NIM-BLANK	Blank faceplate for NIM slot on Cisco ISR 4400	Nos.	3				
	SISR4400UK9-313S	Cisco ISR 4400 Series IOS XE Universal	Nos.	1				
	SM-X-4X1G-1X10G	SM-X module with 4-port dual-mode GE/SFP or 1-port 10G SFP+	Nos.	1				
	SFP-10G-SR=	10GBASE-SR SFP Module	Nos.	1				

Item No.	Description of items/specifications		Unit	Total Qty.	Price in Pak. Rupees			
					Unit Price	Amount	SST Amount	Total amount with SST
2.	**Advance Security Appliance (ASA) with IPS / IDS Firewall Bundle / Bandwidth Controller –Packet Shaper or Equivalent / Email Gateway Security Appliance.**							
	Email Gateway Hardware Appliance	McAfee Email Gateway Hardware Appliance (Model: EMG-4500-B)or **Equivalent or Higher**	**No.**	**1**				
	Form Factor	Intel SR1630GPRX, 1U						
	Supported Software Versions	MEG 7.x						
	Processor	Intel Core i3-540, 3.06 GHz,						
	Memory	4 MB cache, 2 core						
		4 GB, 1333 MHz, ECC						
	Network Interfaces	2 copper, 10/100/1000						
	USB Interfaces	3 USB 2.0 ports. 2 on the rear						
	Serial Interfaces	1 on the front						
		RJ-45 Serial-A Port						
	RAID	RAID-1						
	Hard Disk	2x 300 GB SAS 3.5 in., 15 K RPM						
		hot swap						
	Optical	8x DVD-ROM drive						
	Voltage	Auto Switch 110/220 V						
	Max Amps	6 A (RMS) @ 90 VAC,						
		3 A (RMS) @ 180 VAC						
	Startup VAC	85 VAC +/– 4 VAC						
	Input Voltage Range	110 V (90 Vrms – 140 Vrms)						
		220 V (180 Vrms – 264 Vrms)						
	Power Rating	350 W						
	Power Consumption	400 W						
	Remote Access Card	No						
	Power Supply Unit	350 W Non-Redundant						
	Support	McAfee 1 Year Gold Support with Advance Replacement (RMA).	Nos.	1				

P.T.O.

Item No.	Description of items/specifications		Unit	Total Qty.	Price in Pak. Rupees			
					Unit Price	Amount	SST Amount	Total amount with SST
	Email Security Software	McAfee Email Security, Gateway Edition Software, 251-500 Nodes, Perpetual License with 1 year McAfee Gold Software Support	Nodes	300				
	Training	O&M Certified Training .MFE Solution Services PrePaid 4 Day Training for above applinace or Equivalent.	Persons	02				
				Total Amount				

GENERAL TERMS & CONDITIONS

For items 1 - 2:

i) The vendor must be authorized by Principal for Service & Support of quoted product/ brand.

ii) All items should include all accessories (rack mount kits, power cords etc).

For item 2:

The vendor would bear complete boarding and lodging expenses for the training.

Signature & Stamp of Tenderer

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY

INVITATION TO TENDER

PRICE Rs. 300/- (NOT REFUNDABLE/ TRANSFERABLE)

From:
Assistant Director (Procurement-II)
NED University of Engineering and
Technology, Karachi.

To:
M/s. _____

Name of Work: **Procurement of Laboratory Equipment on F.O.R. Basis for Department of Metallurgical Engineering.**

Invitation to Tender No. **PD(M-III)/NED/Metallurgical/Equip/204/16** Due on **13-07-2016**

Dear Sir/ Sirs,

1. You are hereby invited to submit your tender for the items as detailed in the schedule to this invitation. Your offer must be subject to the conditions laid down in the instructions (overleaf). Every tenderer quoting against this invitation to tender shall be deemed to have read and understood these conditions and details, specifications, etc. of items required.
2. The tenderer shall also sign the certificate given to the effect that the items shall be supplied exactly in accordance with requirements specified in the schedule. If there is any deviation, it should be clearly stated by tenderer; otherwise it would be presumed that the offer is strictly in accordance with the requirements of the Tendered Specifications/ Notice.
3. Items required for delivery as stated in the schedule. If, however, it is not possible to deliver by the specified date, tenderer shall give guaranteed date by which he can deliver the items.
4. Failure to submit the tender in the manner prescribed will render it liable to be ignored/discarded.
5. The Purchaser does not pledge acceptance of the lowest or of any tender and reserves the right to accept in full or only part quantity offered. The tenderer is at liberty to quote for full or part items but shall supply at rates quoted if his quotation is accepted in full or in part.

Yours faithfully,

Assistant Director (Procurement-II)
Phone: 99261261-68 Ext: 2220, 2471
Fax: 99261255

P.T.O.

SPECIAL INSTRUCTIONS

1. The items are required within three weeks. Tenderers may, however, give their **shortest guaranteed delivery period** by which the supply will be completed. In absence of such period, delivery period shall be treated as three weeks after tender acceptance.

2. The tenderers shall quote their firm & final prices, in local currency, on **NED University Campus basis** for the items strictly according to indicating also where items will be offered for inspection particulars given in the invitation to tender.

3. Tenderers are required to specify the **country of origin of items offered, make of year, name of manufacturer, model no. and furnish detailed technical descriptive catalogue/literature alongwith their offer.**

4. Tenderers are required to deposit the **Earnest Money @ 2.50 %** of total bid amount in the form of pay order in favour of Director Finance, NED University.

5. **Performance Bond:** Performance Bond in shape of Pay Order / Demand Draft / Bank Guarantee equal to 5% cost of the order shall be furnished within 07 days of acceptance of Purchase order and shall remain in force for 06 months after completion of work. The validity of the Bond will be extended if required.

6. The offer shall remain open for 60 days from the date of opening of tender and the **rates should be inclusive of all taxes, octroi, etc. except GST. GST must be quoted separately**. If the offer is with-drawn or amended during the validity period of the offer and or if acceptance of tender issued during the validity period of the offer is not accepted by the tenderer, the **earnest money** is liable to be forfeited and further action taken against the defaulter.

7. The purchaser reserves the right to accept any tender or reject any or all tenders under relevant clause of SPPRA Rules 2010.

8. Bidders must provide the Non-Black List Certificate (confirming that bidder has never been black listed from any Government / Semi Government Organization).

9. **Payment Terms:** i) The firm should submit stamp duty as per Government Rules of order value before execution of work.
   ii) 100% payment to be made within 30 days after the issuance of inspection certificate and consignee's receipt certificate.
   iii) If the supply is not according to the specifications or unsatisfactory, the Contract will rejected and cancelled at the risk and cost of Firm.
   iv) It the firm fails to execute the contract/supply order as per condition, action will be taken against them which may be their black listing and E.M. / S.D. will be forfeited.
   v) In case of late delivery @ 0.1% per day will be charged on bid amount deducted from the bill, but not more than 10% of contract value.

a) **Eligibility Criteria: (Single Stage One Envelope Procedure / Method)**

(a) Tender and Bidding documents of this method shall contain the following Eligibility Criteria:
   (i) Relevant Experience
   (ii) Turn-over of at least Three (03) Years
   (iii) Registration with Income Tax, Sales Tax and Pakistan Engineering Council (where applicable).

(b) Each bid shall comprise One Single Envelope containing the financial proposal and required information mentioned at clause (a) above.

10. **Evaluation Criteria:** In comparing bids, the Purchaser will consider such factors as compliance with specifications, relative quality.

11. The tenderers shall enclose with their tender a certificate as under; failing which their tender is liable to be considered non-responsive.

CERTIFICATE

We guarantee to supply the stores in accordance with requirements specified in this invitation to tender.

Signature of Tenderer

Name and full Address

Office Stamp

Phone No.

Fax No.

E-mail Address:

P.T.O.

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY.

PURCHASE INFORMATION FORM

PRICE Rs. 300/- (NOT REFUNDABLE/ TRANSFERABLE)

Firm's Registration No. **Not Applicable**

Schedule to Invitation of Tender No. **PD (M-III)/NED/Metallurgical/Equip/204/16**

Date of Receipt of Invitation to Tender by Supplier.....

Time for Receipt of Tender in University..... **on 13-07-2016** ..... up to ..... 09:30 A.M

Time for Opening of Tender ..... **on 13-07-2016** ..... at ..... 10:00 A.M

Offer shall remain open for 60 days from the date of opening.

The tenderer shall quote on free delivery to Consignee at NED University of Engineering and Technology, including all Taxes.

Item No.	Description of items/specifications	Unit	Total Qty.	Price in Pak. Rupees			
				Unit Price	Amount	GST Amount	Total amount with GST
11	**Accessories for Heat Treatment Labs, Temperature Measurement equipment and Consumables.** **11.1 Digital Thermocouple Instruments with platinum – platinum / Rhodium (Pt-Pt/Rh) immersion thermocouples for temperature measurement of Molten Metals.** **Specification** **11.1.1 Instrument (Temperature Measuring Device)** • Temperature measurement device to determine the temperature of the liquid bath. • High precision temperature with good accuracy. • Temperature Range: Approx. 500°C to 1800°C or more • Element = Type S and R both • The instrument must be equipped with an auto-test system for greater reliability. • It must be equipped with an internal digital printer that automatically prints the measured value as well as the date, hour, and minute of the event. **11.1.2 Consumable Immersion Lance for temperature determination (Qty 150 Nos.)** • Simply assembled and easily changeable Platinum - Platinum Rhodium (Pt-Pt/Rh) immersion lance complete probes, external cables etc. • Tube Length 300 to 800 mm or higher **11.1.3 Accessories (Qty. 02 Complete Sets.)** • Thermal analysis Cups, Connectors, Terminal Blocks, internal shielded cables and external compensated cables, lances, and stands with spare parts.	**Sets.**	**02**				

Cont….

12	**<u>Laboratory Hot Rolling Mill:</u>** • Flat Lab Rolling Mill • Roll Size: Diameter: 4.0" Width 6.0" • Roll Material: Good quality thermal shock resistant hot work toll steel. • Hardness 60-64 HRC • Heated Rolls: Roll Temperature is independently controlled by adjustable temperatures 300°C to 325°C or higher. • Separating Force of the mill: 50,000 PSI or 60,000 Psi • Maximum Separating distance of the rolls: 8mm to 10mm • Mill power requirement: 3 Phase, Voltage: 220V, Ampere: 15 amps to 20 amps • Powered by 5 HP to 8 HP DC motor with variable speeds. • Rolls are adjustable either by separately or all together and are driven by heavy duty pinion stand. • Mill must perform forward and Reserve functions in a controlled manner. • Mill equipped with entry and exit tables with relevant safety precaution and with adjustable guides. • There must be safe and independent operating / control stations with a central operating station. • Emergency stop button must be installed on entry and exit site of mill.	**Set.**	**01**				
			Total Amount				

Signature & Stamp of Tenderer

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY

INVITATION TO TENDER

PRICE Rs. 300/- (NOT REFUNDABLE/ TRANSFERABLE)

From:
The Assistant Director Procurement –II
NED University of Engineering and
Technology, Karachi.

To:
M/s. _____

Name of Work: **Supply of Rebar Scanner**
.

Invitation to Tender No. Rebar Scanner/6295 Due on **14-07-2016**

Dear Sir/ Sirs,

1. You are hereby invited to submit your tender for the items as detailed in the schedule to this invitation. Your offer must be subject to the conditions laid down in the instructions (overleaf). Every tenderer quoting against this invitation to tender shall be deemed to have read and understood these conditions and details, specifications, etc. of items required.
2. The tenderer shall also sign the certificate given to the effect that the items shall be supplied exactly in accordance with requirements specified in the schedule. If there is any deviation, it should be clearly stated by tenderer; otherwise it would be presumed that the offer is strictly in accordance with the requirements of the Tendered Specifications/ Notice.
3. Items required for delivery as stated in the schedule. If, however, it is not possible to deliver by the specified date, tenderer shall give guaranteed date by which he can deliver the items.
4. Failure to submit the tender in the manner prescribed will render it liable to be ignored/discarded.
5. The Tenderer is at liberty to quote for full tendered items and shall supply at rates quoted in his quotation. Part items shall not be considered for award of work.

Yours faithfully,

Assistant Director Procurement-II
Phone: 99261261-68 Ext: 2471
Fax: 99261255

P.T.O.

SPECIAL INSTRUCTIONS

1. The items are required within three weeks. Tenderers may, however, give their **shortest guaranteed delivery period** by which the supply will be completed. In absence of such period, delivery period shall be treated as three weeks after tender acceptance.

2. The tenderers shall quote their firm & final prices, in local currency, on **NED University Campus basis** for the items strictly according to indicating also where items will be offered for inspection particulars given in the invitation to tender.

3. Tenderers are required to specify the **country of origin of items offered, make of year, name of manufacturer, model no. and furnish detailed technical descriptive catalogue/literature along with their offer.**

4. Tenderers are required to deposit the **Earnest Money @ 2.50 %** of total bid amount in the form of pay order in favour of Director Finance, NED University.

5. **Performance Bond:** Performance Bond in shape of Pay Order / Demand Draft / Bank Guarantee equal to 5% cost of the order shall be furnished within 07 days of acceptance of Purchase order and shall remain in force for 06 months after completion of work. The validity of the Bond will be extended if required.

6. The offer shall remain open for 60 days from the date of opening of tender and the **rates should be inclusive of all taxes. SST must be quoted separately**. If the offer is with-drawn or amended during the validity period of the offer and or if acceptance of tender issued during the validity period of the offer is not accepted by the tenderer, the **earnest money** is liable to be forfeited and further action taken against the defaulter as per SPPRA rules.

7. The purchaser reserves the right to accept any tender or reject any or all tenders under relevant clause of SPPRA Rules 2010.

8. Bidders must provide the Non-Black List Certificate (confirming that bidder has never been black listed from any Government / Semi Government Organization) and must have paid and valid Professional Tax Certificate.

9. **Payment Terms:** i) The firm should submit stamp duty as per Government Rules of order value before execution of work.
   ii) 10% Retention Money to be deducted from each Bill and to be released after completion of warranty / maintenance period.
   iii) If the supply is not according to the specifications or unsatisfactory, the Contract will rejected and cancelled at the risk and cost of Firm.
   iv) It the firm fails to execute the contract/supply order as per condition, action will be taken against them which may be their black listing and E.M. / S.D. will be forfeited.
   v) In case of late delivery @ 0.1% per day will be charged on bid amount deducted from the bill, but not more than 10% of contract value.

10. **Eligibility Criteria: (Single Stage One Envelope Procedure / Method)**

    (a) Tender and Bidding documents of this method shall contain the following Eligibility Criteria:
    (i) Relevant Experience
    (ii) Turn-over of at least Three (03) Years
    (iii) Registration with Income Tax, Sales Tax, SRB and Pakistan Engineering Council (where applicable).

    (b) Each bid shall comprise One Single Envelope containing the financial proposal and required information mentioned at clause (a) above.

11. **Evaluation Criteria:** In comparing bids, the Purchaser will consider such factors as compliance with specifications, relative quality.

12. The tenderers shall enclose with their tender a certificate as under; failing which their tender is liable to be considered non-responsive.

CERTIFICATE

We guarantee to supply the stores in accordance with requirements specified in this invitation to tender.

Signature of Tenderer

Name and full Address

Office Stamp

Phone No.

Fax No.

E-mail Address:

NED UNIVERSITY OF ENGINEERING & TECHNOLOGY, KARACHI

PURCHASE INFORMATION FORM

PRICE RS. 300/- (NOT REFUNDABLE/ TRANSFERABLE)

Firm's Registration No.

Schedule to Invitation of Tender No. **Rebar Sscanner/6295** .

Date of Receipt of Invitation to Tender by Supplier_____

Time for Receipt of Tender in University_____

Time for Opening of Tender _____.

Offer shall remain open for 60 days from the date of opening.

The tenderer shall quote on free delivery to Consignee at NED University of Engineering and Technology, Karachi including all Taxes.

Item No.	Description of item/specification	Actt. Unit	Total Qty Reqd.	Price in Pak. Rupee
1	**REBAR SCANNER** (measures the concrete cover depth, bar dia and cracks/voids). (with including taxes) Ferroscan system PS 250(Hilti) Or equivalent 1 x Scanner PS 200 S, 1x Battery pack PSA 80, 1x Battery Pack PSA 82, 1x Battery charger PUA 80, 1x Battery AA (2) Alkaline, 5x Reference grid PSA 10 (mm), 1x Monitor PSA 100, 1X Hand strap, 1x Mains adapter PUA 81, 1x Supply Cord EU, 1X Infrared adapter PSA 55, 1x Concrete adhesive Tape PUA 90, 1x Marker pen PUA 70 set, 1x Toolbag PSA 60, 1x Toolbag PSA 61, 1x Case OR Profometer 630 (Proceq) Or equivalent Consisting of Profometer touchscreen, universal probe with Probe cart, probe cable 1.5 m (5 ft), power supply, USB cable, Chalk, DVD with software, documentation, carrying strap and carrying case OR Construction Scan 1700 3D GPR (Geo Tech) Or equivalent with all accessories. Power Cables, Battery, Software, with carrying case. ` Or equivalent	Number	01	

TERMS AND CONDITIONS