



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

Tel #: 92-21-99261261-8, Ext.: 2291 Fax #: 92-21-99261255
E-mail: ddf@neduet.edu.pk Website:

http://www.neduet.edu.pk



ADP-II

"SAY NO TO CORRUPTION"

No: DP/139395/6981/
May 04, 2021

3696

To,
Messrs. Paktech Instruments Company
185, Street-15, Block-3, Sharfabad,
Karachi.
Tel: 34949215 - 36220359 Fax: 34930971

Subject: Letter of Intent / Import of Laboratory Equipment for Water Institute

Reference: Our Tender No. PC (WI)/NED/Equip/ W.Q. Lab/01/20

The Competent Authority of this University has been pleased to award the following items to your firm for import of Laboratory Equipment for Establishment of 21st Century Water Institute at NED University – details as follows:

B.O.Q item #	Description of items	Qty	Unit Price (Euro)	Total Price (Euro)
WQL-41	Water Demineralization & Process Plant	01	51,074	51,074
	PPTAC/2 Computer Controlled Water Treatment Plant 2 with SCADA Computer Provide locally as per specification	01		
Total C&F (EURO)				51,074

It is advised to furnish the Proforma Invoice of your Principal, **Messrs. Edibon, Spain** for total C&F value by Sea Karachi should be valid for 120 days within 10 days after issuance of this Letter of Intent. It is stated that cost of two persons foreign training are included in this Letter of Intent.

Further, the aforesaid documents together with Performance Guarantee @ 10% and Contract Agreement duly paid Stamp Duty @ 0.35% of total contract value to be furnished in the office of Focal Person (Water Project) within 14 days of receipt of the Letter of Intent.

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

Copy (via email) to:

- CCD – Convener Procurement Committee
- DF
- RA
- FP (Water Project) – for necessary action as stated above.

Signature
Babur Ali
05-05-2021

Signature
For ADP-II



**NED UNIVERSITY OF ENGINEERING & TECHNOLOGY
PROCUREMENT CELL**

Phone # 99261261-68, (Ext. 2471 & 2501) Fax # 99261255,

E-mail: adp2@neduet.edu.pk Website: <https://www.neduet.edu.pk>



Assistant Director Procurement - II

“SAY NO TO CORRUPTION“

No: DP/139395/6981/3692
May 05, 2021

To,

**Messrs. Prime Scientific Corporation
25-A, Sector-22, Korangi Industrial Area
Korangi Road, Karachi, Pakistan
Tel: 35461956 - 35461957**

Subject: Letter of Intent / Import of Laboratory Equipment for Water Institute

Reference: Our Tender No. PC (WI)/NED/Equip/ W.Q. Lab/01/20

The competent Authority of this University has been pleased to award the following items to your firm for import of Laboratory Equipment for Establishment of 21st Century Water Institute at NED University details as follows:

B.O.Q item #	Description of items	Qty	Unit Price (USD)	Total Price (USD)
WQL-17	<p>Nicolet iS50 FTIR Tri-Detector Gold Flex Spectrometer Part Number: 912A0772</p> <ul style="list-style-type: none">~ 0.16 cm-1 resolution with variable aperture~ Touch Point one-touch sampling operation~ Gold optics~ Fixed, single position source mirror~ Three position Paraflect detector mirror~ Top-mounted DLaTGS Detector with KBr0721 window~ Aligned mounting plates front/ rear~ Beam splitter not included-must select one below~ No Beam splitter included~ Long Lifetime Polaris™ Infrared Source~ System electronics board with USB communication port (full speed)~ Accepts all Smart Accessories and many others~ Upgradeable to include iS50 ATR Built-in , wide range diamond ATR~ Expandable with the iS50 GC-IR and iS50 NIR modules~ Compatible with Continuum FT-IR Microscope and TGA Accessory~ Ready for iS50 ABX automatic beam splitter changer ~ Without iS50 ABX: Internal storage for 2 additional beam splitters~ Internal Validation wheel for SPV or ValPro <p>Qualifications</p> <ul style="list-style-type: none">~ Includes NIST Traceable Polystyrene and NG11 Glass~ Sealed and Desiccated with KBr sample compartment window~ Includes OMNIC standard software:	01	30,845	30,845

OMNIC Standard Software

- ~ Touch point software support for iS50 spectrometer and modules
- ~ Group and Ungroup file capability for easy management of related sample data in a single file without loss of information
- ~ Auto Analyse feature to perform and report TQ prediction, searching, Qcheck or Peak Labelling immediately after collection without any need for intervention
- ~ Auto Report feature to automatically view results, print or add to current notebook.
- ~ Automatic atmospheric suppression to remove H₂O and CO₂ interferences (no standards needed)
- ~ System Performance verification (SPV) monitors system status
- ~ TQ Professional for quantitative and qualitative method development predication and deployment
- ~ Full-featured report generator and electronic laboratory notebook
- ~ OMNIC Macros\Basic to compile routine tasks into simple push button operations with access via OMINC's customizable toolbar
- ~ Password protection and user login support
- ~ Full array of data conversion and correction tools such as Kubelka Munk, Kramers Kronig and Advanced ATR correction
- ~ Complete set of spectral data processing tools,
- ~ Spectral Search: high-resolution library generation, customizable information fields, single or multi-region search, library management, with over 1400 spectra in included libraries
- ~ Easy to set-up parameters, live display of data collection and live spectral preview
- ~ Extensive on-line help and video tutorials

OMNIC Spectra Material Characterization software

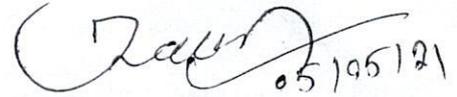
- ~ Unique task-based user interface significantly improves identification of unknowns
- ~ Advanced data management capability treats your entire hard drive as a database
- ~ Exclusive Multi-Component and Contaminant Search
- ~ Support for FT-IR and Raman Spectral data
- ~ Data collection for Nicolet iS10, iZ10 and 6700 FT-IR Spectrometers
- ~ A total of 20K+ infrared spectra in high resolution format in the OMNIC Spectra General Chemicals collection of Reference Libraries hydrocarbons, alcohols, phenols, aldehydes, ketones, esters, anhydrides, lactones, dyes, indicators, alkynes, nitro and azo compounds phosphorous and sulphur containing compounds, inorganic, and dsilanes: Polymer, Polymer Chemicals, Fiber, Organic Reagents, Organic reagents Solid, Inorganic Reagents, Surfactant, Minerals.

Nicolet iS50 White Light Source Part Number : 714-095800	1	840.00	840.00
Nicolet iS50 English Language Kit Part Number : 699-124500	1	FOC	
Power Cord United Kingdom 250v Part Number : 085-752100	1	FOC	
XT-KBr On-Axis Beamsplitter (11000-375 cm-1) Part Number : 840-140900	1	9,100.00	9,100.00
Smart iTR with Diamond Crystal Plate Single Bounce Part Number : 222-247000 ~ Includes Single Reflection Diamond with ZnSe lens ~ Includes a high pressure tower	1	8,590.00	8,590.00
Deluxe Transmission Starter Kit for Liquid, Solid & Gass Sampling includes: Part Number : 0022-010 ~ 2 Demountable Pathlength Cell Kit (FT04-036) ~ 6 kbR Drilled Windows, 32 mm x 3 mm (7000-467) ~ 6 KBr Undrilled Window, 32 mm x 3 (7000-452) ~ 100 mm Demountable Gas Cell (0024-117) ~ Pike Hand Press (268-869000) ~ 1 mm, 3 mm, 7 mm Die Set for Pike Hand Press (268-869100) ~ Dual Pellet Holder for Pike Hand Press (268-870400) ~ Nujol, 4 oz. (0026-110) ~ Fluorolube, 1 oz. (0026-111) ~ Agate Mortar and Pestle, 35 mm (0026-105) ~ Magnetic KBr Pellet Holder (0016-008)	1	4,785.00	4,785.00
Standard Purge System Part Number : 470-151400 ~ Includes Purge Regulator, tubing and spectrometer attachment	1	460.000	460.00
LOC1: Data station Computer Core i5 11 th Generation with OEM Windows and MS Office with 19" LED Keyboard & Mouse and HP Laser Pro Jet Printer	1	840.00	840.00
LOC2: Pure Sine wave 3 KVA	1	840.00	840.00
Total			56,300.00
By Air Freight, Packing & Handling Charges			1,000.00
Total C&F (USD)			57,300.00

It is advised to furnish the Proforma Invoice of your Principal, **Messrs. Thermo Fisher Scientific, U.S.A.** for total C&F value by Sea Karachi should be valid for 120 days within 10 days after issuance of this Letter of Intent. It is stated that cost of two persons foreign training are included in this Letter of Intent.

Further, the aforesaid documents together with Performance Guarantee @10% and Contract Agreement duly paid Stamp Duty @ 0.35% of total contract value to be furnished in the office of Focal Person (Water Project) within 14 days of receipt of the Letter of Intent.

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


05/05/21

Assistant Director Procurement - II

Received
AFZAL KHAN,
-05-05-21

Copy (via email) to:

- i. CCD – Convener Procurement Committee
- ii. DF
- iii. RA
- iv. FP (Water Project) – for necessary action as stated above.



NED University of Engineering & Technology
University Road, Karachi-75270, Pakistan
Tel #: 92-21-99261261-8, Ext.: 2291 Fax #: 92-21-99261255
E-mail: ddff@neduet.edu.pk Website:
<http://www.neduet.edu.pk>



ADP - II

"SAY NO TO CORRUPTION"

No: DP/139395/6981/ 3698
May 04, 2021

To,

Messrs. Analytical Measuring Systems (Pvt.) Ltd.,
AMS House, 14-C Main Sehar Commercial Avenue Lane No. 04,
Khayaban-e-Sehar, D.H.A. Phase-VII, Karachi-75500.
Tel: +92-21-35345581, 35340747, 35241793-94
Fax: +92-21-35345582

Subject: Letter of Intent / Import of Laboratory Equipment for Water Institute

Reference: Our Tender No. PC (WI)/NED/Equip/ W.Q. Lab/01/2020

The Competent Authority of this University has been pleased to award the following items to your firm for import of Laboratory Equipment for Establishment of 21st Century Water Institute at NED University – details as follows:

B.O.Q item #	P/No.	Description of items	Qty.	Unit Price (USD)	Total Price (USD)
WQL-07	N3200082	PinAAcle 900T THGA / Flame High Sens Cool Atomic Absorption Spectrophotometer with Graphite Furnace, Hydriede Generation System & other Essential Accessories. Details as per Techno-Commercial Offer Item No # 1, Quotation Ref. No. 21/NED/SAS/1892 dated 18-02-2021.	01	73,800.00	73,800.00
	09991414	UK Power Cord – Linecord 2.5M 250V 10A	01	Included	Included
	N1010302	Syngistix Atomic Spectroscopy Software Details as per Techno-Commercial Offer Item No # 1, Quotation Ref. No. 21/NED/SAS/1892 dated 18-02-2021.	01	3,665.00	3,665.00
	-	AIR ACETYLENE BURNER 10 cm solid titanium burner head for air acetylene operation.	01	Included	Included
	N9306346	Oil Free Air Compressor 220V 50/60Hz(AA) Includes Air Dryer Filter Assy. w/R250 Regulator.	01	3,087.00	3,087.00

P.T.O.

B.O.Q item #	P/No.	Description of items	Qty.	Unit Price (USD)	Total Price (USD)
	03030448	Blower Vent Assembly. (From Perkin Elmer) AA/ICP Blower Vent Kit 230V 50/60Hz Includes exhaust hood, adapter, and blower, Required to remove highly acidified vapours from Lab Local type exhaust system effects the sensitivity.	01	2,001.00	2,001.00
	03030349	Nitrous Oxide Pressure Regulator	01	1,458.00	1,458.00
	-	Air Dryer Filter Assy. w/R250 Regulator	01	Included in Item No.4	Included in Item No.4
	N9301399	Acetylene Filter Assembly	01	548.00	548.00
	00570559	Acetylene Hose Assembly (Red)	01	138.00	138.00
	00570567	Air/Argon Hose Assembly (Black)	01	138.00	138.00
	N0400100	Single-Slot Nitrous Oxide-Acetylene 5 cm	01	1,702.00	1,702.00
	B3140760	MHS-15 Mercury Hydride System	01	3,902.00	3,902.00
		ELECTRODLESS DISCHARGE LAMPS Note: For most elements, the hollow cathode lamp is a completely satisfactory source for atomic absorption. In a few cases, however, the quality of the analyst is impaired by limitations of the hollow cathode lamp. The primary cases involve the more volatile elements where low Intensity and short lamp life are a problem. The atomic absorption determination of these elements can often dramatically improved with the use of brighter, more stable sources such as the "electrodeless discharge lamp".	-	-	-
	N3050605	Electrodeless Discharge Lamp Sys. 2 - As	01	1,028.00	1,028.00
	N3050634	Electrodeless Discharge Lamp Sys. 2 - Hg	01	1,028.00	1,028.00
	N3050615	Electrodeless Discharge Lamp Sys. 2 - Cd	01	1,028.00	1,028.00
	N3050657	Electrodeless Discharge Lamp Sys. 2 - Pb	01	944.00	944.00
	N3050672	Electrodeless Discharge Lamp Sys. 2 - Se	01	1,028.00	1,028.00
	03030997	EDL Sys. 2 Short Cable Driver Assembly	01	1,607.00	1,607.00
	-	Hollow Cathode Lamps	-	-	-
	N3050119	Lumina Hollow Cathode 2" Lamp -Cr	01	757.00	757.00
	N3050218	Lumina HCL 2" Lamp Al/Ca/Cu/Fe/Mg/Si/Zn	01	954.00	954.00
	N3050201	Lumina Hollow Cathode 2" Lamp - Ag/Au	01	796.00	796.00
	N3050204	Lumina Hollow Cathode 2" Lamp - K/Na	01	954.00	954.00

Continued.....

B.O.Q item #	P/No.	Description of items	Qty.	Unit Price (USD)	Total Price (USD)
	N3050145	Lumina Hollow Cathode 2" Lamp - Mn	01	796.00	796.00
	N3050108	Lumina Hollow Cathode 2" Lamp - B	01	992.00	992.00
	N3050109	Lumina Hollow Cathode 2" Lamp - Ba	01	954.00	954.00
	N3050118	Lumina Hollow Cathode 2" Lamp - Co	01	661.00	661.00
	N3050119	Lumina Hollow Cathode 2" Lamp - Cr	01	757.00	757.00
	-	P.E. Perkin Elmer Standards CHEMICALS	22	82.00	1,804.00
	LOC-SUP	LOCAL ACCESSORIES Dell Corei5 PC and 19" LCD Core i5 11 th Generation, 8 GB DDR IV, 1TB SSD, DVD RW, LCD 19", Keyboard and Mouse), 4GB 128bit GDDR6 Video Graphics Cards and latest Microsoft windows and Office 2019 installed with original licence. Desktop Software for control and data logging • Results viewer software for analysing results. • Operational manual with teaching exercises. • Electrical supply able to support local electrical requirements Cables and Accessories: for normal	01	1,600.00	1,600.00
	LOC-SUP	HP Laser Jet Pro Duplex Printer	01	340.00	340.00
	LOC-SUP	Acetylene Pressure Regulator	01	212.00	212.00
	LOC-SUP	Acetylene Gas Cylinder with Gas	01	350.00	350.00
	LOC-SUP	Nitrous Oxide Gas Cylinder with Gas	01	400.00	400.00
	LOC-SUP	Argon Pressure Regulator	01	212.00	212.00
	LOC-SUP	Argon Gas Cylinder with Gas	01	400.00	400.00
	LOC-SUP	Air Reglator	01	212.00	212.00
	LOC-SUP	True Online UPS 10 KVA	01	1,697.00	1,697.00
Total Ex-Factory Value					111,950.00
Less Special Discount (For Academia Only)					(46,539.00)
Total discounted Ex-Factory Value					65,411.00
Air Freight Charges					1,000.00
Total CPT Charges, Karachi (USD)					66,411.00

It is advised to furnish the Proforma Invoice of your Principal, Messrs. **PerkinElmer Singapore Pte Ltd., Singapore** for total C&F value by Sea Karachi should be valid for 120 days within 10 days after issuance of this Letter of Intent. It is stated that cost of two persons foreign training are included in this Letter of Intent. However, local charges e.g. insurance, clearing, forwarding and transportation shall be paid in PKR on production of original bills specified in the Bidding Data Sheet vide clause (M) at page 12 of the bidding documents.

Further, the aforesaid documents together with Performance Guarantee @ 10% and Contract Agreement duly paid Stamp Duty @ 0.35% of total contract value to be furnished in the office of Focal Person (Water Project) within 14 days of receipt of the Letter of Intent.

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



ADP-II
Per

Copy (via email) to:

- i. CCD – Convener Procurement Committee
- ii. DF
- iii. RA
- iv. FP (Water Project) – for necessary action as stated above.



Director Procurement
 N.E.D. University Of Engineering & Technology
 Karachi

PROFORMA INVOICE

Quotation Ref: 21/NED/SAS/1892
 Validity: 90 Days
 Dated: 18/02/2021
 Tender Ref#: PC(WI)/NED/Equip/W.Q.Lab/01/20

TECHNO-COMMERCIAL OFFER

ITEM NO # 1

Item Code#	QTY	P/No.	Description	Unit Price In US\$	Total Price In US\$
		N3050615	Electrodeless Discharge Lamp Sys. 2 - Cd	1,028.00	1,028.00
		N3050657	Electrodeless Discharge Lamp Sys. 2 - Pb	944.00	944.00
		N3050672	Electrodeless Discharge Lamp Sys. 2 - Se	1,028.00	1,028.00
1		03030997	EDL Sys. 2 Short Cable Driver Assembly	1,607.00	1,607.00
Hollow Cathode Lamps					
1		N3050119	Lumina Hollow Cathode 2" Lamp - Cr	757.00	757.00
1		N3050218	Lumina HCL 2" Lamp Al/Ca/Cu/Fe/Mg/Si/Zn	954.00	954.00
1		N3050201	Lumina Hollow Cathode 2" Lamp - Ag/Au	796.00	796.00
1		N3050204	Lumina Hollow Cathode 2" Lamp - K/Na	954.00	954.00
1		N3050145	Lumina Hollow Cathode 2" Lamp - Mn	796.00	796.00
1		N3050108	Lumina Hollow Cathode 2" Lamp - B	992.00	992.00
1		N3050109	Lumina Hollow Cathode 2" Lamp - Ba	954.00	954.00
1		N3050118	Lumina Hollow Cathode 2" Lamp - Co	661.00	661.00
1		N3050119	Lumina Hollow Cathode 2" Lamp - Cr	757.00	757.00
22		P.E.	Perkin Elmer Standards	82.00	1,804.00
			CHEMICALS		

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Director Procurement
N.E.D. University Of Engineering & Technology
Karachi

PROFORMA INVOICE

Quotation Ref: 21/NED/SAS/1892
Validity: 90 Days
Dated: 18/02/2021
Tender Ref#: PC(WI)/NED/Equip/W.Q.Lab/01/20

TECHNO-COMMERCIAL OFFER
ITEM NO # 1

Item Code#	QTY	P/No.	Description	Unit Price In US\$	Total Price In US\$
LOCAL ACCESSORIES					
1	LOC-SUP		Dell Corei5 PC and 19" LCD Core i5 11th Generation, 8 GB DDR IV, 1TB SSD, DVD RW, LCD 19", Keyboard and Mouse), 4GB 128bit GDDR6 Video Graphics Cards and latest Microsoft windows and Office 2019 installed with original license Desktop software for control and data logging • Results viewer software for analysing results • Operational manual with teaching exercises • Electrical supply able to support local electrical requirements Cables and Accessories: for normal	1,600.00	1,600.00
1	LOC-SUP		HP Laser Jet Pro Duplex Printer	340.00	340.00
1	LOC-SUP		Acetylene Pressure Regulator	212.00	212.00
1	LOC-SUP		Acetylene Gas Cylinder with Gas	350.00	350.00
1	LOC-SUP		Nitrous Oxide Gas Cylinder with Gas	400.00	400.00
1	LOC-SUP		Argon Pressure Regulator	212.00	212.00
1	LOC-SUP		Argon Gas Cylinder with Gas	400.00	400.00
1	LOC-SUP		Air Reglator	212.00	212.00
1	LOC-SUP		True Online UPS 10 KVA	1,697.00	1,697.00
Total Ex-Factory Value,					111,950.00
Less special discount (Fo Academia Only)					46,539.00
Total discounted Ex-Factory Value					64,654.00
Air Frieight Charges					1,000.00
Total CPT Charges, Karachi					65,654.00

65,654/-

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Director Procurement
 N.E.D. University Of Engineering & Technology
 Karachi

PROFORMA INVOICE

Quotation Ref: 21/NED/SAS/1892
 Validity: 90 Days
 Dated: 18/02/2021
 Tender Ref#: PC(WI)/NED/Equip/W.Q.Lab/01/10

TECHNO-COMMERCIAL OFFER

ITEM NO # 1

Item Code#	QTY	P/No.	Description	Unit Price In US\$	Total Price In US\$
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OPTIONAL ACCESSORIES (Below Prices are After Discount)

1	1	B0508600	FIAS-400 Flow Injection System	9,796.00	9,796.00
2	1	B0507486	Complete FIAS Cell and Windows 7.5 mm	1,001.00	1,001.00
3	1	B3000350	Quartz Cell Holder	743.00	743.00
4	1	N2010248	KIT-FIAS THGA COUPLING	504.00	504.00
<u>S10 Autosampler for Flame Analysis</u>					
1	1	N2020005	PerkinElmer S10 Autosampler for AA The Perkin Elmer S10 Autosampler is a computer controlled, multi-purpose sampling system for AA, ICP-OES and ICP-MS. The autosampler automates standard and sample introduction for instrument calibration and sample analysis, extending the spectrometer's capabilities to those of a fully automated analytical workstation. An advanced drive system with high-precision motors moves the sampling arm of the S10 Autosampler in the X and Y coordinates simultaneously, minimizing changeover time between samples.	6,076.00	6,076.00
1	1	N3050155	Lumina Hollow Cathode 2" Lamp - P	1,156.00	1,156.00

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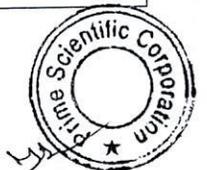
PART #	DESCRIPTION	QTY	Price in €
942310023501	<p>ICE 3500 AA Spectrometer (100mm Burner)</p> <ul style="list-style-type: none"> • True dual atomizer flame and furnace system • Essential Furnace Vision Tool • Echelle type monochromator • Change over from flame to furnace analysis with no manual intervention • Lamp carousel to accommodate 6 lamps each with a dedicated power supply. Accepts single/multielement and coded/uncoded lamps with auto detection and settings • Wavelength Range: 180 nm to 900 nm • Diffraction Grating: 1800 lines/mm • Spectral Bandpass of 0.1, 0.2, 0.5 and 1.0 nm • Detector: Photo Multiplier Tube • GUARANTEED Quadline background correction. • Special NOTE 50 mm burner for Air acetylene and Nitrous Oxide gases for higher temperature work is included as standard • Auto burner height optimization and fully inert spray chamber • Advanced design flame atomizer offering both low temperature and high temperature flame atomization • Accepts GFS35 or GFS35Z Graphite Furnace and Auto-sampler Modules • Graphite Furnace TeleVision (GFTV) included as standard for simplified method development The furnace vision system (GFTV) accessory provides high definition images of events inside the graphite furnace cuvette, allowing monitoring of the sample injection and behaviour during the dry and ash phases of the furnace program. A camera mounted in the instrument produces live video for display within the software on the data station's screen. <p>The optical system is sealed and all optical reflective surfaces have special protective coating</p> <p>•SOLAAR software supplied as standard with</p>	1	16,635.00

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	<p>instrument</p> <ul style="list-style-type: none"> • Compatible with Windows 2000, XP Professional and Windows 10 operating systems • Choice of 9 languages • Comprehensive context sensitive help function. <p>Full on board cookbook with information on instrument set up, hints on sample prep and matrix modifiers.</p>		
Graphite Furnace			
942359020051	<p>GFS35Z Zeeman Graphite Furnace and Auto-sampler Module for ICE 3400 and ICE 3500</p> <ul style="list-style-type: none"> • Incorporates the furnace head, power supply and furnace auto-sampler • Fully controlled via software and data station • Combination of Zeeman and Quadline background correction • Pre-aligned furnace and tilt mount which achieves fast and accurate temperatures • Auto-sampler provides many tools including automatic sample and standard preparation, matrix modification functions, intelligent dilutions and many others. Automated set-up facilities 	1	16,658.00
Hydride Vapor Generation			
942346010001	<p>VP100 Continuous Flow Vapor Generation System</p> <ul style="list-style-type: none"> • For the determination of the hydride forming elements (As, Bi, Hg, Sb, Se, Sn and TE) giving improved sensitivity (Typically 10 X increase) and reduced interferences when compared with conventional flame analysis. • Employs the continuous flow principle for high precision and self-cleaning after each sample. <p>The VP100 Continuous Flow Vapour System performs <u>hydride and mercury vapour measurements with Significant sensitivity improvement over normal flame techniques.</u> An air/acetylene flame or an electrically heated cell is used for atomization, avoiding the need to use hydrogen as the fuel gas. The VP100 unit incorporates the reagent reservoirs, a variable speed 4 channel peristaltic pump, control electronics and</p>	1	5,661.00

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	<p>Gas Liquid separator. A integrated Mass Flow Controller allows the carrier gas flow to be controlled and monitored through the system software, and the continuous flow principle eliminates the need to clean the reaction vessel after each sample. <u>The VP100 operates automatically under Data Station control and can provide full autosampling operation with a suitable autosampler.</u> When used with the EC90 Electrically Heated Atomization Cell, unattended operation is possible.</p> <p>Standard Items T-Cell (2) - Open ended, T-shaped silica cell (120 mm long). Mercury Cell - Long path (150 mm). Spare pump tubing. Spare glass Beads. Spare semi-permeable membrane.</p> <ul style="list-style-type: none"> The system is fully automatic and controlled by the data station and SOLAAR software. Suitable for 220/240V and 110/120V operation. 		
942316805641	15 cm Mercury Vapour Cell	1	123.00
10116301000001	TF9 B A 230/50 T1 35M IPR SPC Water recirculator	1	3,866.00
Hollow Cathode Lamps with 100ml 1000ppm standard			
XXXX	Hollow Cathode Lamp Al/Ca/Cu/Fe/Mg/Si/Zn/Ag/Au/K/Na/Mn/ B/Se/Ba/Co/Pb/Cr/Cd/As/Hg	1	8,400.00
Flame Autosampler			
BRE0003260	CETAC Model ASX560 Auto sampler	1	5,660.00
	<p>The ASX-560 keeps the durable features of the ASX-520 before it, which has proven its worth in tens of thousands of laboratories and countless hours of operation. The enhanced features of the ASX-560 mean that it is ready to tackle an even wider range of analytical techniques and environments, including AA, ICP, ICP-MS, TOC, UV-VIS, fraction collection, liquid handling, and more.</p>		

DDobson
18/2/2021

Jacob
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18/2/21
C400



Technical Specifications Dimensions: Height: 62 cm (24.4") with sample probe Width: 58 cm (22.5") Depth: 55 cm (21.6") X-Axis: 42.0 cm (16.54") Y-Axis: 30.0 cm (11.81") Z-Axis: 15.5 cm (6.10") Pump: 0 – 80 mL/min Weight: 11.7 kg (26 lbs) Tray: 4 rack capacity Speed: Axis Min Max X 100 mm/sec 330 mm/sec Y 73 mm/sec 411 mm/sec Z 164 mm/sec 476 mm/sec Autosampler Control Utilities Autosampler Configuration tool for control of XYZ and pump Firmware Updater Utility IQ/OQ and Log Extractor Utilities Communication Interface 2 Serial (RS-232) ports USB (virtual COM port) Power Requirements 100-240 VAC, 47-63 Hz, 1.9A Options Integrated Clean Enclosure SDXhpld High Performance Liquid Dilution System ASXPress® plus Rapid Sample Introduction System Advanced Mechanical Design • Injection molded parts Better chemical compatibility Improved high resolution applications • Improved pump technology Quieter Easier tubing replacement options Expanded flow capabilities, 0.1 – 80 mL/min (Conserve expensive rinse solution) • Improved serviceability and accessory interfaces • Dual rinse station Advanced Electronics • Improved movement profile Quieter Refined and configurable XYZ movement Expanded movement speed options • Higher resolution positioning Improved accuracy allows for 96-well plates Active resonance control • Electronic home position alignment • Improved firmware and configuration utilities • Backward compatible communications Seamless upgrade path • Proven technology for reliable performance

Items to be Supplied Locally

LOC1	Oil Less Air Compressor with Moisture Trap	1	300.00
LOC2	Fume Extraction System including blower and stainless steel duct	1	300.00
LOC3	Acetylene Gas with Pressure Regulator	1	400.00
LOC4	Nitrous Oxide Gas with Pre Heated Pressure Regulator	1	600.00
LOC5	Argon Gas with Pressure Regulator	1	500.00
LOC6	10 KVA Pure Sine Wave UPS	1	2,000.00
LOC7	Data station: Branded Computer Core i System, 19" LCD, Key Board, Mouse & Laser Printer.	1	800.00
Total Ex-works			€ 61,903.00
Airway Freight Packing & Handling Charges.....			€ 1,000.00
Total C&F Karachi.....			€ 62,903.00
(In Words: Euros Sixty Two Thousand Nine Hundred Three Only)			

Wahid

Jaal
18/10/11
18/10/11

18/10/11
18/10/11

18/10/11
18/10/11



ANNEXURE "C2"

FORM OF SCHEDULE TO TENDER FOR STORES IMPORTED FROM APPROVED COUNTRIES.

Due by 10:00 hours on 18 02 2021
(time) (date) (month) (year)

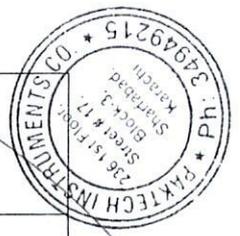
SCHEDULE TO TENDER NO. PC(14)/NED/Equip/Water/17-02-2021

The Tender will be opened at 10:30 hours on 18 02 2021
(time) (date) (month) (year)

Delivery on or before 18 02 2021
(date) (month) (year)

PART I. The rates quoted in the Table below must be on C&F basis.

S. No.	Code/ Item No.	Description Of Stores	Detailed Specifications Of Stores with Model No.	Qty Of Stores.	Unit	Rate Per Unit	Currency	Total C&F Price	Country of Origin
1	2	3	4	5	6	7	8	9	10
02	WQL - 10	Deep Bed Filter Column	EFLPC Computer Controlled Deep Bed Filter Unit	01		27,031	Euro	27,031	Spain
			Computer Provide locally as per specification	01		2,000	Euro	2,000	
05	WQL - 41	Water Demineralization & Process Plant	PPTAC/2 Computer Controlled Water Treatment Plant 2	01		49,074	Euro	49,074	Spain
			Computer Provide locally as per specification	01		2,000	Euro	2,000	



Handwritten signatures and initials:
 M. P. P. 18/12/21
 18/12/21
 18/12/21
 18/12/21

SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY

CONTRACT EVALUATION FORM

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

- 1) NAME OF THE ORGANIZATION / DEPTT. NED UNIVERSITY
- 2) PROVINCIAL / LOCAL GOVT./ OTHER PROVINCIAL
- 3) TITLE OF CONTRACT Import of Laboratory Equipment on C&F Basis for Water Inst.
- 4) TENDER NUMBER PC(WI)/NED/Equip/W.Q. Lab/01/2020
- 5) BRIEF DESCRIPTION OF CONTRACT Import of Laboratory Equip. on C&F Basis for Water Institute
- 6) FORUM THAT APPROVED THE SCHEME Syndicate
- 7) TENDER ESTIMATED VALUE 56.014 MILLION
- 8) ENGINEER'S ESTIMATE
(For civil works only) _____
- 9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) 120 days
- 10) TENDER OPENED ON (DATE & TIME) 18-02-2021 AT 10:30
- 11) NUMBER OF TENDER DOCUMENTS SOLD 12
(Attach list of buyers)
- 12) NUMBER OF BIDS RECEIVED 12
- 13) NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS 11
- 14) BID EVALUATION REPORT PROVIDED
(Enclose a copy)
- 15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDER M/s. AMS & M/s. Paktech & M/s. Prime Sci.
- 16) CONTRACT AWARD PRICE USD 66,411, Euro 51,074 & Euro 51,074
- 17) RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT
(i.e. 1st, 2nd, 3rd EVALUATION BID).
M/s. Analytical Measuring Sys., Lowest Bidder for WQL-07
M/s. Paktech Instruments Co, Lowest Bidder for WQL-41
M/s. Prime Scientific Corporation, Lowest Bidder for WQL-17

18) METHOD OF PROCUREMENT USED : - (Tick one)

- a) SINGLE STAGE – ONE ENVELOPE PROCEDURE YES Domestic/ Local
- b) SINGLE STAGE – TWO ENVELOPE PROCEDURE _____
- c) TWO STAGE BIDDING PROCEDURE _____
- d) TWO STAGE – TWO ENVELOPE BIDDING PROCEDURE _____

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

19) APPROVING AUTHORITY FOR AWARD OF CONTRACT _____

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

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

21) ADVERTISEMENT :

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

Yes	T00553-20-0046 DATED 26-01-2021
No	

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

Yes	Daily Jang, Dawn & Awami Awaz, Dated: 22-01-2021
No	

22) NATURE OF CONTRACT

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

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

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

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

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

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

26) WAS BID SECURITY OBTAINED FROM ALL THE BIDDERS?

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

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

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

28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY COMPLIANT?

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

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

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

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

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

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

Yes	
No	NO

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

Yes	
No	NO

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

Yes	
No	NO

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

Yes	
No	NO

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

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

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

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

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

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

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

Yes	
No	NO

Signature & Official Stamp of
Authorized Officer

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

FOR OFFICE USE ONLY

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

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Integrity Pact

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

Contract Number: PC(WI)/NED/Equip/W.Q. Lab/01/2020 Dated: 04-05-2021
Contract Value: Euro 51,074
Contract Title: Import of Laboratory Equipment on C&F Basis for Water Institute

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

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

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

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

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


[Procuring Agency]


[Supplier /Contractor/Consultant]

Integrity Pact

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

Contract Number: PC(WI)/NED/Equip/W.Q. Lab/01/2020 Dated: 04-05-2021
Contract Value: USD 57,300
Contract Title: Import of Laboratory Equipment on C&F Basis for Water Institute

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

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

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

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

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


[Procuring Agency]


[Supplier /Contractor/Consultant]

Integrity Pact

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

Contract Number: PC(WI)/NED/Equip/W.Q. Lab/01/2020 Dated: 04-05-2021
Contract Value: USD 66,411
Contract Title: Import of Laboratory Equipment on C&F Basis for Water Institute

M/s. Analytical Measuring Systems Pvt Ltd.

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

M/s. Analytical Measuring Systems Pvt Ltd.

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

M/s. Analytical Measuring Systems Pvt Ltd.

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

M/s. Analytical Measuring Systems Pvt Ltd.

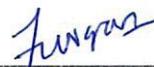
[Name of Supplier/Contractor/Consultant] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract,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

M/s. Analytical Measuring Systems Pvt Ltd.

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



[Procuring Agency]



[Supplier/Contractor/Consultant]