



# NED UNIVERSITY OF ENGINEERING & TECHNOLOGY

## PROCUREMENT CELL

BY REGISTERED A.D./COURIER SERVICE.

### CONTRACT SCHEDULE



1. Contract No: PC(FED)/NED/Equip/F&O Lab/01/8170/2022/ Dated: 21/12/22
2. Name & Address of Contractor: **M/s. Briogene (Pvt.) Ltd., Karachi**
3. Contractor's Tender No.: 8170/2022 Date 01-11-2022
4. Indenter's Name & Address: Chairman, Food Engineering Department
5. Indenter's Indent No & Date: \_\_\_\_\_
6. Particulars of stores: **As below.**

BOQ Item No.	Tender Item Code	Description of Store	Acct. Unit	Price per A/U	Total Qty. Req.	Total Value
1	F&O-5.3	H-Hexane (CAS Number 110-54-3) 2.5 Ltr. Pack.	Ltr.	7000	02	14000.00
<b>Total</b> (inclusive all federal and provincial taxes and duties)			.....	.....	.....	14,000.00

#### **INSTRUCTIONS:**

- Store must be delivered to Central Store in due period which will be issued by the Central Store to the Indenter.
- Bill should be submitted with covering letter in Asst. Dir. Procurement-II Office along with Invoice, GST Invoice, Delivery Challan (duplicate), Contract Agreement on Stamp Paper with Stamp Duty required for payment.
- Inspection Certificate may be issued by Indenting Department.

**GRAND TOTAL (Value in Words)** Fourteen Thousand, Only

7. Date of Delivery: On or before 90 Days; (if goods not delivered within stipulated time; please immediately intimate to the procurement cell).
8. Place of Delivery: NED University Campus/Consignee.
9. Name & Address of Consignee: Food Engineering Department

  
 05/01/2023



10. Performance Security equivalent to 5% of Contract Schedule is required at the earliest.
11. Contract Agreement on Stamp papers value equivalent to rate as specified in Stamp Act.
12. Dispatch Instruction.

Stores should be delivered at firm's premises/free to the consignee at NED University of Engineering and Technology.

13. Inspecting Officer.

The consignee/ Indenting officer or his authorized representative.

At firms premises/ Consignee's end.

14. Place at which to be inspected.

- i. 100% payment to be made on the proof of inspection and Consignee's receipt certificate during year 2022-2023

15. Payment.

- ii. Payment against item-wise delivery is allowed. However, for each bill, prescribed Sales Tax Invoice, payment of Stamp Duty, Valid Professional Tax Certificate and Job Completion / Inspection Certificate duly issued by Indenting Department will be required for payment. Nevertheless, withholding of all government taxes shall apply as per Government Schedule.

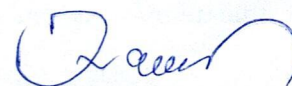
- iii. If the supply is not according to the specifications or unsatisfactory, the contract will be rejected and cancelled at the risk and cost of firm.

- iv. If 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 L.D. charges @ 0.1% per day will be imposed. Part payment against part supply is/ not allowed.

#### **NOTE**

1. The firms may send the Inspection call with-in delivery period under intimation to the Assistant Director Procurement in writing.
2. The Bill in duplicate along with Inspection certificates on form F/QSP 09/10/00 may be sent to the P.O for payment.



**Assistant Director Procurement-II  
For & on behalf of Vice Chancellor  
NED University of Engg. Tech.**

The cost is debitable to Head of Account as mentioned in the Sanction order (office order). This issues with the sanction and approval of the Competent Authority of this University.

Copy to

1. Resident Auditor
2. Indenting Officer
3. Manager Central Store
4. Master File
5. Case File



F/SOP/PC 01/11/00

# NED UNIVERSITY OF ENGINEERING & TECHNOLOGY PROCUREMENT CELL

BY REGISTERED A.D./COURIER SERVICE.

## CONTRACT SCHEDULE



1. Contract No: PC(FED)/NED/Equip/F&O/ Lab/01/8170/2022  
2. Name & Address of Contractor: **M/s. Paktech Instruments Company, Karachi**  
3. Contractor's Tender No.: 8170/2022 Date 02-11-2022  
4. Indenter's Name & Address: Chairman, Food Engineering Department  
5. Indenter's Indent No & Date:  
6. Particulars of stores: **As below.**

Dated: 21/12/22

BOQ Item No.	Tender Item Code	Description of Store	Acct. Unit	Price per A/U	Total Qty. Req.	Total Value
01	F&O-01	<b>Hydrogenation Unit Computer Controlled (Oil &amp; Fat)</b>  Computer Controlled Hydrogenation Unit Model: AEHC Manufacturer: Edibon, Spain  Anodized aluminium structure and panels in painted steel. Main metallic elements in stainless steel. Diagram in the front panel with similar distribution to the elements in the real unit. This unit incorporates wheels for its mobility. All equipment in contact with the process fluid in stainless steel. Stainless steel hydrogenation vessel (reactor): Total volume: 30 l. Working volume: 22 l. Minimum working volume: 14 l. Heating coil. Cooling coil. Maximum pressure: 6.3 bar. Maximum working pressure: 3 bar. Stainless steel hydrogen diffuser. Level switch. Two visors. Stainless steel exhaust valve rated at 4 bar of pressure. Stainless steel rupture disc rated at 6.3 bar of pressure.  Variable speed agitator for the hydrogenation vessel: pneumatic agitator. Stainless steel catalyst tank: volume: 6.5 l. Variable speed agitator for the catalyst tank: pneumatic agitator. Liquid ring vacuum pump: It enables the suction of gases even in the presence of liquids. Gas isothermic compression. Gases are never in contact with lubricants. Dry flow: 65m <sup>3</sup> /h. Wet flow: 87 m <sup>3</sup> /h. Absolute pressure reached: 0.6 bar. Oil pump, centrifugal type: Flow (Q)= 100 l./min. Maximum pressure: 2.75 bar. Working temperature: 150-160oC.  Filter. Security H2 detector.	No.	21,824,080.00	01	21,824,080.00

Saad PakTech



Sensors:  
 Six temperature sensors.  
 Two pressure sensors.  
 Flow sensor.  
 Three manometers.  
 Gas, water and air solenoid valves. Security valves.  
 Flameproof electrical equipment. Safe zone controls. Accurate control of hydrogen addition.  
 For the design of this unit, security has been especially taken into account, thus, it contains a hydrogen detector. In case of leak, the whole process is stopped and the input of hydrogen is cut off, the security valve is rated at 4 bar and the rupture disc at 6 bar.  
 The complete unit includes as well:  
 Advanced Real-Time SCADA and PID Control.  
 Open Control + Multicontrol + Real Time Control.  
 Specialized EDIBON Control Software based on Labview.  
 National Instruments Data Acquisition board (250 KS/s kilo samples per second).

02

F&amp;O-02

### Deodourising Unit Computer Controlled

Computer Controlled Deodorizing Unit  
 Model: AEDC  
 Manufacturer: Edibon, Spain

Anodized aluminum frame and panels made of painted steel.  
 The unit includes wheels to facilitate its mobility.  
Main metallic elements made of stainless steel.

Diagram in the front panel with distribution of the elements similar to the real one.

Deodorizing vessel:

Cylindrical vessel of stainless steel.

Working volume: 25 l.

Overall volume: 60 l.

It is equipped with a sight glass to visualize the process.

It includes a heating element, computer controlled, to heat the oil to temperatures of up to 200°C. Power: 3.0 kW.

It includes a jacket to insulate the process and to maintain the temperature inside.

It also contains a steam distributor to provide the steam/oil mixing required.

An immersed cooling water coil reduces the oil temperature to complete the process. Cooling coil area: 0.1 m<sup>2</sup>.

This vessel also includes a security valve to limit the working pressure to 2 bars and a level switch.

Vacuum system. It includes:

Condenser.

Liquid ring vacuum pump, computer controlled, to achieve the vacuum in the deodorizing vessel.

Number of stages: 2. Motor power: 2.2 kW. Sealant: water.

Discharge pump, computer controlled:

This pump allows to impel the treated oil of the vessel through a polishing filter, max. flow: 60 l/min.

Polishing filter:

This filter removes any particles in the finished oil.

It is made of stainless steel and is designed to allow checking the installed cartridge.

Filter type: Replaceable cartridge made of polypropylene.

Filter element size: 5.0 micron.

Steam line. It includes:

Two computer controlled solenoid valves. Security valve to limit the working pressure in the line to 5 bars:

Pressure switch (5 bar). Steam trap. Check valve. Regulation valve.

Pressure sensor and manometer to indicate the pressure in the deodorizing vessel and the vacuum level in the vessel.

Pressure sensor range: -1 - 5 bar, manometer range: -1 - 5 bar.

Two pressure sensors to measure the pressure at the steam line, range: -1 - 5 bar.

Pressure sensor to measure the pressure at the outlet of the condenser, range: -1 - 9 bar.

Pressure sensor to measure the pressure at the outlet of the discharge pump, range: 0 - 10 bar.

Eight "J" type temperature sensors.

Flow sensor to measure the coil water flow, range: 1.5 - 30 l/min.

No.

17,459,560.00

01

17,459,560.00



The process control is done from the computer using EDIBON control software. This software will allow an automatic control (PID) of the oil temperature with the heating element. The unit allows two operation modes: Deodorizing and Polishing.

The complete unit includes as well:

- Advanced Real-Time SCADA and PID Control.
- Open Control + Multicontrol + Real-Time Control.
- Specialized EDIBON Control Software based on LabVIEW.
- National Instruments Data Acquisition board (250 KS/s, kilo samples per second).

		<p>The process control is done from the computer using EDIBON control software. This software will allow an automatic control (PID) of the oil temperature with the heating element.</p> <p>The unit allows two operation modes: Deodorizing and Polishing.</p> <p>The complete unit includes as well:</p> <p>Advanced Real-Time SCADA and PID Control.</p> <p>Open Control + Multicontrol + Real-Time Control.</p> <p>Specialized EDIBON Control Software based on LabVIEW.</p> <p>National Instruments Data Acquisition board (250 KS/s, kilo samples per second).</p>				
03	F&O-03	<p><b>Continuous Cycle Oil Production Plant</b></p> <ul style="list-style-type: none"> <li>-Processing capacity olive paste 40-50 Kg/h</li> <li>- Vertical type malaxer</li> <li>- Decanter working at 4800 rpm</li> <li>- Olive crusher: hammer type</li> <li>- Olive paste pump: screw type</li> <li>- Switchboard with automation.</li> <li>- Include sensors to inform by alarm of the paste exceed in the malaxer,</li> <li>- Olive Paste feeding controller by inverter,</li> <li>- Unit for automatic control of the temperature in the malaxer.</li> <li>- Heating systems work with automatic electric resistance.</li> </ul> <p>-Total power installed: 6,23 Kw, 380 V – 50 Hz.</p> <p>-Size: 84 cm W x 165 cm L x 155 cm H. Weight 420 Kg.</p> <p>-Compact machine with wheels to allow its movement and installation in different places.</p> <p>Optimal olive paste heat during extraction should be between 18- 27 degrees, so below 18 degrees customers would not reach optimal productivity. The unit has boiler place inside the extraction unit and olive paste heated with the help of circulated hot water inside water jackets, which located around malaxer.</p> <p>Before start decanter and extraction screw settings requires. There are 1 to 8 number settings. These number settings changes due to olives type, harvest time, olive oil percentage in the olive. For example when the customer starts to get olive oil but examine some particles in it and want to obtain more purified one, screw setting number should be minimized if it was 3, he could continue with number 2 than pomace output should be examined. If oil rate in pomace output would increase dramatically screw number should be revised again.</p>	No.	10,990,000.00	01	10,990,000.00

04	F&O-04	<b>Oil Extraction Screw Press</b>  Oil Extraction Unit Model: FOEU Manufacturer: Hawk Engineering Services, Pakistan <ul style="list-style-type: none"> <li>Capacity: &gt;6L</li> <li>Model Number: FOEU</li> <li>Max Power: 3000W</li> <li>Type: Oil Extraction</li> <li>Voltage: AC 220V 50Hz</li> <li>Body material: Food stainless steel</li> <li>Raw material Input: 18-25KG/H</li> <li>Using for: flaxseed, hemp seed, Coconut, peanuts, sesame, corn, WALNUT, seeds ect.</li> </ul>	No.	2,826,087.00	01	2,826,087.00
<b>Total (inclusive all federal and provincial taxes and duties)</b>				.....	.....	53,099,727.

#### **INSTRUCTIONS:**

- Store must be delivered to Central Store in due period which will be issued by the Central Store to the Indenter.
- Bill should be submitted with covering letter in Asst. Dir. Procurement-II Office along with Invoice, GST Invoice, Delivery Challan (duplicate), Contract Agreement on Stamp Paper with Stamp Duty & Valid Professional Tax Certificate (photocopy) required for payment
- Inspection Certificate may be issued by Indenting Department.

**GRAND TOTAL (Value in Words)** Fifty Three Millions Ninety Nine Thousands Seven Hundred Twenty Seven Only

- Date of Delivery: On or before 120 Days; (if goods not delivered within stipulated time; please immediately intimate to the procurement cell).
- Place of Delivery: NED University Campus/Consignee.
- Name & Address of Consignee: Food Engineering Department
- Performance Security equivalent to 5% of Contract Schedule is required at the earliest.
- Contract Agreement on Stamp papers value equivalent to rate as specified in Stamp Act.
- Dispatch Instruction.  
Stores should be delivered at firm's premises/free to the consignee at NED University of Engineering and Technology.
- Inspecting Officer.  
The consignee/ Indenting officer or his authorized representative.  
At firms premises/ Consignee's end.
- Place at which to be inspected.
  - 100% payment to be made on the proof of inspection and Consignee's receipt certificate during year 2021-2022.

P.T.O.



15. Payment.

- ii. Payment against item-wise delivery is allowed. However, for each bill, prescribed Sales Tax Invoice, payment of Stamp Duty, Valid Professional Tax Certificate and Job Completion / Inspection Certificate duly issued by Indenting Department will be required for payment. Nevertheless, withholding of all government taxes shall apply as per Government Schedule.
- iii. If the supply is not according to the specifications or unsatisfactory, the contract will be rejected and cancelled at the risk and cost of firm.
- iv. If 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 L.D. charges @ 0.1% per day will be imposed. Part payment against part supply is/ not allowed.
- vi. Valid Professional Tax Certificate is required for payment.

**NOTE**

- 1. The firms may send the Inspection call with-in delivery period under intimation to the Assistant Director Procurement in writing.
- 2. The Bill in duplicate along with Inspection certificates on form F/QSP 09/10/00 may be sent to the P.O for payment.

Copy to

- 1. Resident Auditor
- 2. Indenting Officer
- 3. Manager Central Store
- 4. Master File
- 5. Case File



**Assistant Director Procurement-II  
For & on behalf of Vice Chancellor  
NED University of Engg. Tech.**

The cost is debitable to Head of Account as mentioned in the Sanction order (office order). This issues with the sanction and approval of the Competent Authority of this University.



F/SOP/PC 01/11/00

# NED UNIVERSITY OF ENGINEERING & TECHNOLOGY

## PROCUREMENT CELL

BY REGISTERED A.D./COURIER SERVICE.

### CONTRACT SCHEDULE



1. Contract No: PC(FED)/NED/Equip/F&O Lab/01/8170/2022 Dated: 21/12/22 1467  
2. Name & Address of Contractor: **M/s. Musaji Adam & Son., Karachi**  
3. Contractor's Tender No.: 8170/2022 Date 01-11-2022  
4. Indenter's Name & Address: Chairman, Food Engineering Department  
5. Indenter's Indent No & Date:  
6. Particulars of stores: **As below.**

BOQ Item No.	Tender Item Code	Description of Store	Acct. Unit	Price per A/U	Total Qty. Req.	Total Value
5	F&O-5.1	<b>Chloroform</b> (CAS Number 67-66-3) 2.5 Ltr. Pack.	Ltr.	4,250.00	01	4,250.00
	F&O-5.4	<b>Potassium hydroxide</b> (CAS Number 1310-58-3)	Kg	3,450.00	01	3,450.00
	F&O-5.5	<b>Sodium thiosulfate</b> (CAS Number 7772-98-7) 500 Gram Pack	Gram	2,600.00	01	2,600.00
	F&O-5.6	<b>Potassium iodide</b> (CAS Number 7681-11-0)	Kg	24,800.00	02	49,600.00
	F&O-5.7	<b>Iodine Monochloride Solution</b> (CAS Number 7790-99-0) 100 Gram Pack	Gram	9,500.00	01	9,500.00
	F&O-5.8	<b>Sodium Sulfate</b> (CAS Number 7757-82-6)	Kg	3,300.00	01	3,300.00
	F&O-5.9	<b>Phenolphthalein</b> (CAS Number 77-09-8) 100 Gram Pack	Gram	4,800.00	05	24,000.00
	F&O-5.10	<b>Kerosene</b> (CAS Number 8008-20-6) 1-Litre Pack	Ltr.	2,850.00	04	11,400.00
	F&O-5.11	<b>Petroleum Ether</b> (CAS Number 8032-32-4) 2.5 Lit Pack	Ltr.	9,000.00	01	9,000.00
	F&O-5.12	<b>Acetic acid</b> (CAS Number 64-19-7) 4 Lit Pack	Ltr.	6,450.00	01	6,450.00
	F&O-5.13	<b>Wijis solution</b> 500ml Pack	ml	3,800.00	02	7,600.00
	F&O-5.14	<b>Nitric acid</b> (CAS Number 7697-37-2) 2.5 Lit Pack	Ltr.	6,500.00	01	6,500.00

Order Received  
29/12/2022



	F&O-5.15	<b>Potassium oxalate</b> (CAS Number 6487-48-5) <b>500 gm pack</b>	Gram	2,700.00	02	
	F&O-5.16	<b>Formaldehyde 40% (sol.)</b> (CAS Number 50-00-0) <b>2.5 Lit pack</b>	Ltr.	6,500.00	01	6,500.
	F&O-5.17	<b>Aqueous potassium hydroxide</b> (CAS Number 1310-58-3) <b>1 kg pack</b>	Kg	3,800	02	7,600.00
	F&O-5.19	<b>Thermometer (-10+360C)</b>	No.	980.00	12	11,760.00
	F&O-5.20	<b>Pipette Tips</b> (100Aum, 200Aum, 500Aum, 1000Aum) <b>500 pcs in pack</b>	Pack	925.00	24	22,200.00
<b>Total</b> (inclusive all federal and provincial taxes and duties)			.....	.....	.....	<b>191,110.00</b>

**INSTRUCTIONS:**

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- Inspection Certificate may be issued by Indenting Department.

**GRAND TOTAL (Value in Words)** One Hundred Ninety One Thousand and One Hundred Ten, Only

- Date of Delivery: On or before 120 Days; (if goods not delivered within stipulated time; please immediately intimate to the procurement cell).
- Place of Delivery: NED University Campus/Consignee.
- Name & Address of Consignee: Food Engineering Department

10. Performance Security equivalent to 5% of Contract Schedule is required at the earliest.
11. Contract Agreement on Stamp papers value equivalent to rate as specified in Stamp Act.
12. Dispatch Instruction.

Stores should be delivered at firm's premises/free to the consignee at NED University of Engineering and Technology.

13. Inspecting Officer.

The consignee/ Indenting officer or his authorized representative.

At firms premises/ Consignee's end.

14. Place at which to be inspected.

- i. 100% payment to be made on the proof of inspection and Consignee's receipt certificate during year 2022-2023.

15. Payment.

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**Assistant Director Procurement-II  
For & on behalf of Vice Chancellor  
NED University of Engg. Tech.**

The cost is debitabale to Head of Account as mentioned in the Sanction order (office order). This issues with the sanction and approval of the Competent Authority of this University.



# FINANCIAL BID

PROCUREMENT OF EQUIPMENT FOR FATS & OIL LABORATORY FOR DEPARTMENT OF FOOD ENGINEERING

TENDER NO.: PC (FED)/NED/Equip/F&O LAB/01/ 8170/2022. October 30, 2022

1-11-2022

Director Finance

IED UET Karachi.

Tender Item Specification	Briogene Item Specification	Pack size	Make /Brand	Qty Req	Unit Price (PKR)	Total Amount (PKR)
<b>F&amp;O-05CHEMICALS AND GLASS WARES</b>						
Chloroform (CAS Number: 67-66-3) MERCK/SIGMA ALDRICH/BDH/Fisherchemical/Supelco/Millipore	Chloroform for analysis EMSURE® ACS,ISO,Reag. Ph Eur CAT# 1024452500	2.5LTR	MERCK	2.5 LTR	10,500	10,500
N-Hexane (CAS Number 110-54-3) MERCK/SIGMA ALDRICH/BDH/Fisherchemical/Supelco/Millipore	n-Hexane EMPLURA® CAT# 1043682500	2.5LTR	MERCK	5LTR	7,000	14,000
Potassium hydroxide (CAS Number 1310-58-3)MERCK/SIGMA ALDRICH/BDH/Fisherchemical/Supelco/Millipore	Potassium hydroxide pellets for analysis EMSURE® CAT# 1050331000	1KG	MERCK	1KG	7,000	7,000
Sodium thiosulfate (CAS Number 7772-98-7)MERCK/SIGMA ALDRICH/BDH/Fisherchemical/Supelco/Millipore	Sodium thiosulfate anhydrous EMPLURA® CAT# 1065120250	250G	MERCK	500G	9,000	18,000
Potassium iodide (CAS Number 7681-11-0)MERCK/SIGMA ALDRICH/BDH/Fisherchemical/Supelco/Millipore	Potassium iodide for analysis EMSURE® ISO,Reag. Ph Eur CAT# 1050431000	1KG	MERCK	2KG	38,800	77,600
Iodine Monochloride Solution (CAS NumberMERCK/SIGMA ALDRICH/BDH/Fisherchemical/Supelco/Millipore 7790-99-0)	Iodine monochloride for synthesis CAT# 8047710100	100G	MERCK	100G	28,500	28,500
Sodium sulfate (CAS Number 7757-82-6)MERCK/SIGMA ALDRICH/BDH/Fisherchemical/Supelco/Millipore	Sodium sulfate anhydrous for analysis EMSURE® ACS,ISO,Reag. Ph Eur CAT# 1066490500	500G	MERCK	500G	10,800	10,800
Phenolphthalein (CAS Number 77-09-8)MERCK/SIGMA ALDRICH/BDH/Fisherchemical/Supelco/Millipore	Phenolphthalein indicator ACS,Reag. Ph Eur CAT# 1072330100	100G	MERCK	500G	17,800	89,000
Kerosene (CAS Number 8008-20-6) MERCK/SIGMA ALDRICH/BDH/Fisherchemical/Supelco/Millipore	Kerosene reagent grade, low odor CAT# 329460-3.8L	3.8LTR	MERCK	3.8LTR	42,000	42,000
Petroleum Ether (CAS Number 8032-32-4)MERCK/SIGMA ALDRICH/BDH/Fisherchemical/Supelco/Millipore	Petroleum ether ACS reagent CAT# 184519-1L	1LTR	MERCK	1LTR	19,500	19,500
Acetic acid (CAS Number 64-19-7) MERCK/SIGMA ALDRICH/BDH/Fisherchemical/Supelco/Millipore	Acetic acid (glacial) 100% anhydrous for analysis EMSURE® ACS,ISO,Reag. Ph Eur CAT# 1000632500	2.5LTR	MERCK	2.5LTR	9,000	9,000
Wijs solution MERCK/SIGMA ALDRICH/BDH/Fisherchemical/Supelco/Millipore	Wijs solution for determination of the iodine number c(I <sub>2</sub> ) = 0.1 mol/l, Titripur® CAT# 1091631000	1 LTR	MERCK	1LTR	15,000	15,000
Nitric acid (CAS Number 7697-37-2) MERCK/SIGMA ALDRICH/BDH/Fisherchemical/Supelco/Millipore	Nitric acid 65% for analysis EMSURE® Reag. Ph Eur,ISO CAT# 1004561000	1 LTR	MERCK	1LTR	7,500	7,500
Potassium oxalate (CAS Number: 6487-48-5)MERCK/SIGMA ALDRICH/BDH/Fisherchemical/Supelco/Millipore	Potassium oxalate monohydrate ACS reagent, 99% CAT# 223425-500G	500G	MERCK	1KG	26,500	53,000
Aqueous potassium hydroxide MERCK/SIGMA ALDRICH/BDH/Fisherchemical/Supelco/Millipore(CAS Number 1310-58-3)	Potassium hydroxide pellets for analysis EMSURE® CAT# 1050331000	1KG	MERCK	2KG	7,000	14,000

Office: BRIOGENE (PVT.) LTD 196-A, Sindhi Muslim Cooperative Housing Society, Shahrah-e-Faisal, Karachi-74400-Pakistan.

Tel: +92 21 34322378, +92 21 34327849 Fax: +92 21 34322380

Lahore Branch: 1st Floor, 234 Ahmad Block, Garden Town, Lahore, Pakistan. Pakistan. Tel: +92 42 35940033, 35940034

Rawalpindi Branch: Office # 04, 3rd Floor, Aries Tower, Murree Road, Shamsabad, Rawalpindi, Pakistan. Tel: +92 51 4575371

Multan Branch: House # 306/C2, Street # 2, near Pull Baran Chowk, Pull Baran Road, Multan, Pakistan. Tel: +92 300 4054719

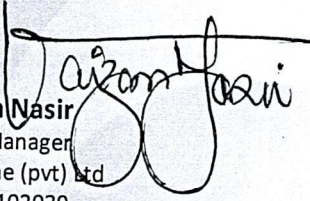


In Words (FOUR HUNDRED, FIFTEEN THOUSAND, FOUR HUNDRED RUPEES ONLY)	415,400
Total Bid Amount including all Provincial and Federal taxes & duties etc.	415,400

Total Bid Value in Words	FOUR HUNDRED, FIFTEEN THOUSAND, FOUR HUNDRED RUPEES ONLY
Total Bid Value in Figure	415,400
Total BID SECURITY Money in Figure and Words 2% of Total Bid value	9,000 (Rupees Nine Thousand Only)

**Other Terms and Conditions: -**

Delivery Time: As per Tender Terms of Delivery schedule.  
 Payment Terms: As per Tender Terms  
 Payment Mode: Cross Cheque / Pay order in favor of Briogene (Pvt) Ltd.

  
 Faizan Nasir  
 Sales Manager  
 Briogene (pvt) Ltd  
 345-2102039  
[faizan.nasir@briogene.com](mailto:faizan.nasir@briogene.com)

  
 2/11/22

  
 02/11/22  
 NP

Office: BRIOGENE (PVT.) LTD 196-A, Sindhi Muslim Cooperative Housing Society, Shahrah-e-Faisal, Karachi-74400, Pakistan  
 Tel: +92 21 34322378, +92 21 34327849 Fax: +92 21 34322380

Lahore Branch: 1st Floor, 234 Ahmad Block, Garden Town, Lahore, Pakistan, Pakistan. Tel: +92 42 35940033, 35940034

Rawalpindi Branch: Office # 04, 3rd Floor, Aries Tower, Murree Road, Shamsabad, Rawalpindi, Pakistan. Tel: +92 51 457537

Multan Branch: House # 306/C2, Street # 2, near Pull Baran Chowk, Pull Bararan Road, Multan, Paksitan. Tel: +92 300 405477

Email: [info@briogene.com](mailto:info@briogene.com) Web: [www.briogene.com](http://www.briogene.com)







# Musaji Adam & Sons

**SERVING  
SCIENCE  
SINCE 1960.**

www.musajisons.com

Ref :- MAS/10673/2022

**QUOTATION**

DATE : 02-11-2022

Name of Bidder : Musaji Adam & Sons

IFB Number : PC(FED)/NED/Equip/F&O LAB/01/8170/2022

Procurement of Equipment/Chemical & Glassware for Fats & Oil Laboratory for  
Department of Food Engineering

Item	Description	Country of Origin	Packing	QTY	Unit Price in Words	Unit Price in Figures	TOTAL	Remarks (if any)
F&O-05	Chemicals and Glass Wares							
1	Chloroform (CAS Number: 67-66-3)	Daejung, Korea	2.5lit	1	Rupees Four Thousand Two Hundred Fifty Only	4,250.00	4,250.00	
3	N-Hexane (CAS Number 110-54-3)	Daejung, Korea	4lit	2	Rupees Seven Thousand Five Hundred Only	7,500.00	15,000.00	
4	Potassium hydroxide (CAS Number 1310-58-3)	Daejung, Korea	1kg	1	Rupees Three Thousand Four Hundred Fifty Only	3,450.00	3,450.00	
5	Sodium thiosulfate (CAS Number 7772-98-7)	Daejung, Korea	500gm	1	Rupees Two Thousand Six Hundred Only	2,600.00	2,600.00	
6	Potassium iodide (CAS Number 7681-11-0)	Daejung, Korea	1kg	2	Rupees TwentyFour Thousand Eight Hundred Only	24,800.00	49,600.00	
7	Iodine Monochloride Solution (CAS Number 7790-99-0)	ACROS, Belgium	100gm	1	Rupees Nine Thousand Five Hundred Only	9,500.00	9,500.00	
8	Sodium sulfate (CAS Number 7757-82-6)	Daejung, Korea	1kg	1	Rupees Three Thousand Three Hundred Only	3,300.00	3,300.00	
9	Phenolphthalein (CAS Number 77-09-8)	Daejung, Korea	100gm	5	Rupees Four Thousand Eight Hundred Only	4,800.00	24,000.00	
10	Kerosene (CAS Number 8008-20-6)	Daejung, Korea	1Lit.	4	Rupees Two Thousand Eight Hundred Fifty Only	2,850.00	11,400.00	
11	Petroleum Ether (CAS Number 8032-32-4)	Daejung Korea/Sigma	2.5lit	1	Rupees Nine Thousand Only	9,000.00	9,000.00	
12	Acetic acid (CAS Number 64-19-7)	Daejung, Korea	4lit	1	Rupees Six Thousand Four Hundred Fifty Only	6,450.00	6,450.00	
13	Wijis solution	Wellcosol, Pak made	500ml	2	Rupees Three Thousand Eight Hundred Only	3,800.00	7,600.00	
14	Nitric acid (CAS Number 7697-37-2)	Sigma	2.5lit	1	Rupees Six Thousand Five Hundred Only	6,500.00	6,500.00	
15	Potassium oxalate (CAS Number: 6487-48-5)	Daejung, Korea	500gm	2	Rupees Two Thousand Seven Hundred Only	2,700.00	5,400.00	
16	Formaldehyde 40% (Sol.) (CAS Number: 50-00-0)	Scharlau, Spain	2.5lit	1	Rupees Six Thousand Five Hundred Only	6,500.00	6,500.00	
17	Aqueous potassium hydroxide (CAS Number 1310-58-3)	Daejung, Korea	1kg	2	Rupees Three Thousand Eight Hundred Only	3,800.00	7,600.00	
19	Thermometer (-10 +110 C)	Zeal, England	Each	12	Rupees Nine Hundred Eighty Only	980.00	11,760.00	
	Thermometer (-10 +360 C)	Zeal, England	Each	12	Rupees Nine Hundred Eighty Only	980.00	11,760.00	
20	Pipette Tips (100µm, 200µm, 500µm, 1000µm)	Kartell, Italy	1000pcs	24	Rupees Seven Hundred Eighty Only	780.00	18,720.00	
	Pipette Tips (100µm, 200µm, 500µm, 1000µm)	China	500pcs	24	Rupees Nine Hundred TwentyFive Only	925.00	22,200.00	
Total Bid Amount (Rs.)							236,590.00	
2% Earnest Money (Rs.)							4,731.80	

For Musaji Adam & Sons

Total Bid amount in words : Rupees Two Hundred Thirty-Six Thousand Five Hundred Ninety Only

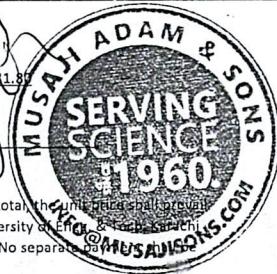
Total Bid amount in figure (Rs.): 236,590.00

2% Earnest money amount in figure (Rs.): 4,731.80

Signature of Bidder

Note :

- In Case of Discrepancy between unit price and total, the unit price shall prevail.
- The unit and total prices Delivered at NED University of Engg & Tech, Karachi should include the price of incidental services. No separate price shall be made for the incidental services.



*Handwritten signature and date: 02/11/22*

*Handwritten signature and date: 2/11/22*

Head Office: C-285, Block 10, Federal B Area, Karachi-75950. Tel: (021) 32626250, 32218972 Fax: (021) 32626251

Karachi | Hyderabad | Quetta | Multan | Lahore | Faisalabad | Rawalpindi | Abbottabad | Peshawar





# PAKTECH INSTRUMENTS COMPANY

Medical-Technical-Research Equipment & Training Aids.

November 01, 2022

Director Procurement  
Ned University of Engineering and Technology,  
Karachi.

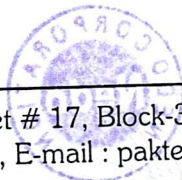
Subject: **PROCUREMENT OF EQUIPMENT FOR FATS & OIL LABORATORY FOR DEPARTMENT OF FOOD ENGINEERING**

**TENDER NO.: PC (FED)/NED/Equip/F&O LAB/01/ 8170/2022**

S. No.	Tender Item Code	Description/Specification	Qty.	Unit Price F.O.R	Total Price F.O.R
<b>FATS &amp; OIL LABORATORY</b>					
01	F&O-01	<b>Hydrogenation Unit Computer Controlled (Oil &amp; fat)</b>  <u>We Offer:</u>  Computer Controlled Hydrogenation Unit Model: AEHC Manufacturer: Edibon, Spain  Anodized aluminium structure and panels in painted steel. Main metallic elements in stainless steel. Diagram in the front panel with similar distribution to the elements in the real unit. This unit incorporates wheels for its mobility. All equipment in contact with the process fluid in stainless steel. Stainless steel hydrogenation vessel (reactor): Total volume: 30 l. Working volume: 22 l. Minimum working volume: 14 l. Heating coil. Cooling coil. Maximum pressure: 6.3 bar. Maximum working pressure: 3 bar. Stainless steel hydrogen diffuser. Level switch. Two visors. Stainless steel exhaust valve rated at 4 bar of pressure. Stainless steel rupture disc rated at 6.3 bar of pressure.	01	Rs.21,824,080	Rs.21,824,080

*Qasim*

*Qasim*  
2/11/22







# PAKTECH INSTRUMENTS COMPANY

*Medical-Technical-Research Equipment & Training Aids.*

		<p>Variable speed agitator for the hydrogenation vessel: pneumatic agitator.</p> <p>Stainless steel catalyst tank: volume: 6.5 l.</p> <p>Variable speed agitator for the catalyst tank: pneumatic agitator.</p> <p>Liquid ring vacuum pump: It enables the suction of gases even in the presence of liquids.</p> <p>Gas isothermic compression. Gases are never in contact with lubricants. Dry flow: 65m<sup>3</sup>/h. Wet flow: 87 m<sup>3</sup>/h. Absolute pressure reached: 0.6 bar.</p> <p>Oil pump, centrifugal type: Flow (Q)= 100 l./min. Maximum pressure: 2.75 bar. Working temperature: 150-160oC.</p> <p>Filter.</p> <p>Security H2 detector.</p> <p>Sensors: Six temperature sensors. Two pressure sensors. Flow sensor.</p> <p>Three manometers.</p> <p>Gas, water and air solenoid valves. Security valves.</p> <p>Flameproof electrical equipment. Safe zone controls. Accurate control of hydrogen addition.</p> <p>For the design of this unit, security has been especially taken into account, thus, it contains a hydrogen detector. In case of leak, the whole process is stopped and the input of hydrogen is cut off, the security valve is rated at 4 bar and the rupture disc at 6 bar.</p> <p>The complete unit includes as well: Advanced Real-Time SCADA and PID Control. Open Control + Multicontrol + Real Time Control. Specialized EDIBON Control Software based on Labview. National Instruments Data Acquisition board (250 KS/s kilo samples per second).</p>			
02	F&O-02	<p><b>Deodourising Unit Computer Controlled</b></p> <p><u>We Offer:</u></p> <p><b>Computer Controlled Deodorizing Unit</b> <b>Model:</b> AEDC <b>Manufacturer:</b> Edibon, Spain</p> <p>Anodized aluminum frame and panels made of painted steel. The unit includes wheels to facilitate its mobility. Main metallic elements made of stainless steel.</p>	01	Rs.17,459,560	Rs.17,459,560



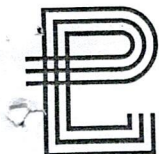
# PAKTECH INSTRUMENTS COMPANY

*Medical-Technical-Research Equipment & Training Aids.*

	<p>Diagram in the front panel with distribution of the elements similar to the real one.</p> <p>Deodorizing vessel:</p> <ul style="list-style-type: none"> <li>Cylindrical vessel of stainless steel.</li> <li>Working volume: 25 l.</li> <li>Overall volume: 60 l.</li> <li>It is equipped with a sight glass to visualize the process.</li> <li>It includes a heating element, computer controlled, to heat the oil to temperatures of up to 200°C. Power: 3.0 kW.</li> <li>It includes a jacket to insulate the process and to maintain the temperature inside.</li> <li>It also contains a steam distributor to provide the steam/oil mixing required.</li> <li>An immersed cooling water coil reduces the oil temperature to complete the process. Cooling coil area: 0.1 m<sup>2</sup>.</li> <li>This vessel also includes a security valve to limit the working pressure to 2 bars and a level switch.</li> </ul> <p>Vacuum system. It includes:</p> <ul style="list-style-type: none"> <li>Condenser.</li> <li>Liquid ring vacuum pump, computer controlled, to achieve the vacuum in the deodorizing vessel.</li> <li>Number of stages: 2. Motor power: 2.2 kW. Sealant: water.</li> </ul> <p>Discharge pump, computer controlled:</p> <ul style="list-style-type: none"> <li>This pump allows to impel the treated oil of the vessel through a polishing filter, max. flow: 60 l/min.</li> </ul> <p>Polishing filter:</p> <ul style="list-style-type: none"> <li>This filter removes any particles in the finished oil.</li> <li>It is made of stainless steel and is designed to allow checking the installed cartridge.</li> <li>Filter type: Replaceable cartridge made of polypropylene.</li> <li>Filter element size: 5.0 micron.</li> </ul> <p>Steam line. It includes:</p> <ul style="list-style-type: none"> <li>Two computer controlled solenoid valves. Security valve to limit the working pressure in the line to 5 bars.</li> <li>Pressure switch (5 bar). Steam trap. Check valve. Regulation valve.</li> <li>Pressure sensor and manometer to indicate the pressure in the deodorizing vessel and the vacuum level in the vessel.</li> <li>Pressure sensor range: -1 - 5 bar, manometer range: -1 - 5 bar.</li> <li>Two pressure sensors to measure the pressure at the steam line, range: -1 - 5 bar.</li> <li>Pressure sensor to measure the pressure at the outlet of the condenser, range: -1 - 9 bar.</li> <li>Pressure sensor to measure the pressure at the outlet of the discharge pump, range: 0 - 10 bar.</li> <li>Eight "J" type temperature sensors.</li> <li>Flow sensor to measure the coil water flow, range: 1.5 - 30 l/min.</li> </ul>			
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# PAKTECH INSTRUMENTS COMPANY

Medical-Technical-Research Equipment & Training Aids.

		<p>The process control is done from the computer using EDIBON control software. This software will allow an automatic control (PID) of the oil temperature with the heating element. The unit allows two operation modes: Deodorizing and Polishing.</p> <p>The complete unit includes as well:</p> <p>Advanced Real-Time SCADA and PID Control.</p> <p>Open Control + Multicontrol + Real-Time Control.</p> <p>Specialized EDIBON Control Software based on LabVIEW.</p> <p>National Instruments Data Acquisition board (250 KS/s, kilo samples per second).</p>			
04	F&O-04	<p><b>Oil Extraction Screw Press</b></p> <p><u>We Offer:</u></p> <p><b>Oil Extraction Unit</b> <b>Model:</b> FOEU <b>Manufacturer:</b> Hawk Engineering Services, Pakistan</p> <ul style="list-style-type: none"><li>• Capacity: &gt;6L</li><li>• Model Number: FOEU</li><li>• Max Power: 3000W</li><li>• Type: Oil Extraction</li><li>• Voltage: AC 220V 50Hz</li><li>• Body material: Food stainless steel</li><li>• Raw material Input: 18-25KG/H</li><li>• Using for: flaxseed, hemp seed, Coconut, peanuts, sesame, corn, WALNUT, seeds ect.</li></ul>	01	Rs.2,826,087	Rs.2,826,087
<p>Item F&amp;O-03 # 03 on next page.</p> <p><i>02/11/22</i> <i>2022</i></p>					<p><b>Total Rs.</b></p> <p><b>Rs.</b> <b>53,099,727</b> <b>Fifty-Three</b> <b>Million</b> <b>Ninety-Nine</b> <b>Thousand</b> <b>Seven</b> <b>Hundred</b> <b>Twenty-</b> <b>Seven</b></p>

  
Paktech Instruments Company





# PAKTECH INSTRUMENTS COMPANY

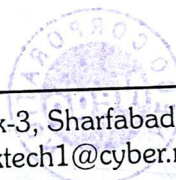
Medical-Technical-Research Equipment & Training Aids.



03	F&O-03	Computer Controlled Continuous Cycle Oil Production Plant  <u>We Offer:</u>  As per attached specification in Literature	01	Rs.10,990,000	Rs.10,990,000
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*Green*

*2002bww  
2/11/22*





# 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 Procurement of Equipment for Fats & Oil Laboratory for FED
- 4) TENDER NUMBER PC/NED/Equip/F&O Lab/01/8170/2022
- 5) BRIEF DESCRIPTION OF CONTRACT Procurement of Equipment for Fats & Oil Laboratory for FED
- 6) FORUM THAT APPROVED THE SCHEME Syndicate
- 7) TENDER ESTIMATED VALUE 53.304 MILLION
- 8) ENGINEER'S ESTIMATE  
(For civil works only) \_\_\_\_\_
- 9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) 120 days
- 10) TENDER OPENED ON (DATE & TIME) 02-11-2022 10:30 AM
- 11) NUMBER OF TENDER DOCUMENTS SOLD 06  
(Attach list of buyers)
- 12) NUMBER OF BIDS RECEIVED 06
- 13) NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS 05
- 14) BID EVALUATION REPORT PROVIDED  
(Enclose a copy)
- 15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDER M/s. Musaji, M/a. Paktech & M/s. Briogene
- 16) CONTRACT AWARD PRICE Rs. 53,304,837/-
- 17) RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT  
(i.e. 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> EVALUATION BID). The Most Advantageous Bid
- 18) METHOD OF PROCUREMENT USED : - (Tick one)
- a) SINGLE STAGE – ONE ENVELOPE PROCEDURE YES ☐ Domestic/ Local
- b) SINGLE STAGE – TWO ENVELOPE PROCEDURE ☐
- c) TWO STAGE BIDDING PROCEDURE ☐
- d) TWO STAGE – TWO ENVELOPE BIDDING PROCEDURE ☐

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

Vice Chancellor

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	T00553-22-0033
No	

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

Yes	Daily Jang, Dawn & Kawish dated: 12-10-2022
No	

22) NATURE OF CONTRACT

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

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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24) WHETHER BID EVALUATION CRITERIA  
WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?  
(If yes, enclose a copy)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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25) WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED FOR USING A  
METHOD OTHER THAN OPEN COMPETITIVE BIDDING?

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

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

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(FED)/NED/Equip/F&O Lab/01/8170/2022 Dated: 21-12-2022

Contract Value: Rs.191,110/-

Contract Title: PROCUREMENT OF EQUIPMENT FOR FATS & OIL LABORATORY.

M/s. Musaji Adam & Son., Karachi

[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. Musaji Adam & Son., Karachi

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. Musaji Adam & Son., Karachi

[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. Musaji Adam & Son., Karachi

[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. Musaji Adam & Son., Karachi

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. Musaji Adam & Son., Karachi [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(FED)/NED/Equip/F&O Lab/01/8170/2022 Dated: 21-12-2022

Contract Value: Rs.14,000/-

Contract Title: PROCUREMENT OF EQUIPMENT FOR FATS & OIL LABORATORY.

M/s. Briogene (Pvt.) Ltd., Karachi

[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. Briogene (Pvt.) Ltd., Karachi

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. Briogene (Pvt.) Ltd., Karachi

[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.

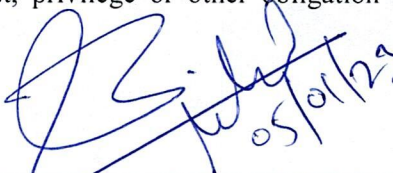
M/s. Briogene (Pvt.) Ltd., Karachi

[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. Briogene (Pvt.) Ltd., Karachi

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. Briogene (Pvt.) Ltd., Karachi [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(FED)/NED/Equip/F&O Lab/01/8170/2022 Dated: 21-12-2022

Contract Value: Rs.53,099,727/-

Contract Title: PROCUREMENT OF EQUIPMENT FOR FATS & OIL LABORATORY.

M/s. Paktech Instruments Company, Karachi

[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. Paktech Instruments Company, Karachi

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. Paktech Instruments Company, Karachi

[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 Company, Karachi

[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 Company, Karachi

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]