

REQUEST FOR QUOTATION FOR THE PROCUREMENT OF GOODS AND SERVICES

****Mandatory to fill in****

COMPANY NAME:	Quotation No. 23-10-778
CONTACT No.	Purchase Request No. G-2023-10-778
Address:	Purpose: Implementation of HYDRAULIC and ELECTRO HYDRAULIC TRAINING and PNEUMATIC and ELECTRO PNEUMATIC TRAINING under ESO-BUHAI Program
TIN No.	ABC: 994,200.00
PhilGEPS Registration No.	Please indicate days of delivery: _____ Calendar Days upon receipt of
EMAIL ADDRESS:	Purchase Order

INSTRUCTIONS TO SUPPLIERS:

1. Please quote your lowest price on the item/s listed below comprising the necessary taxes.
2. It is mandatory to indicate the brand and/or model of the items being offered and to attach a brochure thereof whenever applicable
3. Indicate the warranty period in cases of equipment or whenever applicable.
4. Forthwith submit the accomplished quotation duly signed by your representative.
5. Suppliers are required and mandated to attach and submit the following documentary requirements:
a) Valid Mayor's/ Business Permit; b) BIR Certificate of Registration; c) Authority to Print Receipt; d) PhilGEPS Membership Certificate; e) Omnibus Sworn Statement and f) Income / Business Tax Return
6. All items must conform with the internationally accepted standard and sub-standard items shall not be accepted.

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ITEM NO.	ITEM & SPECIFICATION	QTY UNIT	BRAND & MODEL OFFERED	UNIT PRICE	TOTAL PRICE
	HYDRAULIC and Electro HYDRAULIC Training				
1	HYDRAULIC CYLINDER Material Carbon Steel Expand Range: 200mm Max Pressure 3500PSI Shaft Style, Chrome plated Steel rod Fastening Type SAE ports (O-ring Boss)	1 unit			
2	4/3 WAY MANUAL VALVE Nominal Pressure (Mpa): 16 Max Material, cast Iron Anti-Drop load checks on each spool	1 unit			
3	PRESSURE GAUGE BSP Tapered Thread Display type: Analog	1 unit			
4	RESERVOIR MANIFOLD WITH GAUGE Port Manifold Connection Style Quick Release Fittings Male Material Aluminum Maximum operating Pressure 20bar Maximum Operating Temperature +80°C	1 unit			
5	HYDRAULIC HOSE ¼ NPT hose with fittings Inner hose Materials Synthetic Rubber Cover Materials Synthetic Rubber, Maximum Operating Pressure 330 bar	1 unit			
6	OIL TRAY Stainless SUS 304 Fabricated Oil Drop Protection Oil Drip Tray	1 unit			
7	4/2 WAY SINGLE SOLENOID VALVE Single Actuation Structure DC solenoid Rated Voltage DC24V Operating Temperature Range Holding Current (A) 1.29A	1 unit			
8	SUPPLY MANIFOLD Port Manifold Connection Style Quick Release Fittings Male Material Aluminum Maximum Operating Pressure 20 bar Maximum Operating Temperature +80°C	1 unit			
9	POWER UNIT Hydraulic Pack	1 unit			
10	OIL TANK Pressure Range 100Mpa Tank Volume 10-20 lts. Materials BI Steel	1 unit			

11	HYDRAULIC TUBING Material Black Iron Size 3/8 NPT	1 unit			
12	HYDRAULIC FITTINGS Steel Tube to tube union	1 unit			
13	PRESSURE CONTROL VALVE Material Steel Pressure Range: 0-20 MPA	1 unit			
14	CHECKVALVE IN LINE Hydraulic non- return valve Max Flow rate 65 L/Min	1 unit			
15	SINGLE PHASE INDUCTION MOTOR Pump Prime Mover RPM 1700 Wattage Consumption 400W	1 unit			
16	PANEL CONTROLLER Start/Stop Operation Including Contactor/Push button and wirings.	1 unit			
17	HYDRAULIC PUMP Direction Rotation Clockwise	1 unit			
18	RUBBER COUPLING Industrial Pump Coupler Material Aluminum Mounting Type Set Screw	1 unit			
19	FILLER BREATHER Cap Material Metal	1 unit			
20	FLUID LEVEL Material Glass Seal Type Gasket	1 unit			
21	SUCTION STRAINER Flow Rate 50L/Min	1 unit			
22	POWER SUPPLY MODULE 220 VAC Power Input 24VDC 6 Ampere Output Voltage Adj. Range : $\pm 10\%$ Cooling Method: Convection Banana Socket Connection Acrylic Frame Board	1 unit			
23	PUSHBUTTON MODULE Colours RED/GREEN Shape Round Actuation Momentary/Non-Momentary IP Rating IP66 Banana Socket Connection Acrylic Frame Board	1 unit			
24	RELAY MODULE Coil Voltage 24VDC Coil Power 900mW Resistance 650 Ω Contact Configuration 3PDT Banana Socket Connection Acrylic Frame Board	Coil 1 unit			
25	LIMIT SWITCH MODULE Actuator Type Roller Lever Banana Socket Connection Acrylic Frame Board	1 unit			
26	OPERATION MANUAL for HYDRAULIC and Electro HYDRAULIC Training Experiment, Exercises and Operation Manual(Printed) Soft Copy (Saved to Flash Drive)	1 unit			
	Pneumatic and Electro Pneumatic Training				
27	3/2WAY MANUAL VALVE Pushbutton Valve Pressure Range: 0.2~0.7 MPA. Proof pressure 1.5Mpa Number of port 3 Number of position 2	1 unit			
28	THROTTLE VALVE Port Flow Control Pressure Range:0~1 MPA.	1 unit			
29	SINGLE ACTING CYLINDER Spring Return Cylinder Max operating pressure 1 Mpa Min operating pressure 0.05 Mpa	1 unit			

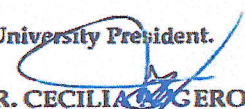
30	DOUBLE ACTING CYLINDER Acting type double acting Max Operating pressure 1 Mpa Min operating pressure 0.05 Mpa	1 unit			
31	AIR DISTRIBUTOR MANIFOLD Port Manifold with Check Valve Rotary Joint Fittings	1 unit			
32	PRESSURE GAUGE Pressure Range 0-8 Bars Proof pressure the max. Scale of gauge times 1.2	1 unit			
33	SERVICE UNIT FRL Operating pressure range 0.05~1 MPa Proof pressure 1.5 Mpa Regulated pressure range 0.05-0.85 Mpa Filter element standard: 40µm Option: 5µm Lubricating oil capacity 35c.c	1 unit			
34	AIR COMPRESSOR Power: 1.0HP Voltage: 220V Frequency: 60Hz Capacity 24 Lts. Rated Revolving Speed: 1700R/min Cylinder: 63.7MM*2	1 unit			
35	3/2 WAY SOLENOID VALVE Electrically operated 24VDC Valve Power consumption DC=2W Proof pressure 1.5 Mpa Number of Port 3 Number of Position 2	1 unit			
36	5/2 WAY SOLENOID VALVE Electrically operated 24VDC Valve Power consumption DC=2W Number of port 5 Number of Position 2	1 unit			
37	5/2 WAY DOUBLE SOLENOID VALVE Electrically operated 24VDC Valve Power consumption DC=2W Number of port 5 Number of Position 3	1 unit			
38	POWER SUPPLY MODULE 220 VAC Power Input 24VDC 6Ampere Output Voltage Adj. Range : ± 10% Cooling Method: Convection Banana Socket Connection	1 unit			
39	PUSHBUTTON MODULE Colours RED/GREEN Shape Round Actuation Momentary/Non-Momentary IP Rating IP66 Banana Socket Connection Acrylic Frame Board	1 unit			
40	RELAY MODULE Coil Voltage 24VDC Coil Power 900mW Coil Resistance 650 Ω Contact Configuration 3PDT Banana Socket Connection Acrylic Frame Board	1 unit			
41	LIMIT SWITCH MODULE Actuator Type Roller Lever Pole and Throw Configuration SPDT Banana Socket Connection Acrylic Frame Board	1 unit			

42	PLC Module 8 DI 24V DC; 6 DO Relay 2 A; 2 AI 0-10V DC, Power Supply: DC 20.4 - 28.8 V DC, MPU points: 14 (8DI+6DO) Max. I/O points; 494 (14+480) Program capacity: 8k steps COM port: Built-in RS-232 & RS-485 ports, compatible with Modbus ASCII/RTU protocol. Can Be master or slave. High-Speed Pulse Output: Supports 4 points (Y0 ~ Y3) of independent high-speed max.	1 unit			
43	OPERATION MANUAL for Pneumatic and Electro Pneumatic Training Experiment, Exercises and Operation Manual(Printed) Soft Copy (Saved to Flash Drive)	1 unit			
44	Working Table for Pneumatic and Hydraulic Jig Mounting Specially align and design to hold and lock parts. Frame Structure fit and design for Hydraulic Oil tray, parts And Module of Pneumatic and Hydraulic trainer. Stainless Steel SUS 404 Frame Aluminum Profile Size (LxWxH) 1275x750x1500mm)	1 unit			
	BY LOT				
	NOTE: Please attach brochure and indicate days of delivery				

Accomplished by:

Supplier's Representative
(Print name and Signature)

Date Accomplished : _____

By the authority of the University President.

DR. CECILIA GERONIMO
BAC Chairperson

Canvassed by:

Name and Signature

BuISU-OP-PU-03F3
Revision: 1
RON 10.20.23