



Mandatory to fill in	
COMPANY NAME:	Quotation No. 23-09-633
CONTACT No.	Purchase Request No. G-2023-09-633
Address:	Purpose: Implementation of HYDRAULIC and ELECTRO HYDRAULIC TRAINING and PNEUMATIC and ELECTRO PNEUMATIC TRAINING under ESO-BUHAI Program
TIN No.	ABC: 894,200.00
PhilGEPS Registration No.	Please indicate days of delivery: _____ Calendar Days
EMAIL ADDRESS:	upon receipt of Purchase Order

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) PL 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**

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 (0-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 Its. 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 Steal Pressure Range: 0~20 MPA	1 unit			
14	CHECK VALVE 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 6Ampere 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 Coil Resistance 650 Ω Contact Configuration 3PDT Banana Socket Connection Acrylic Frame Board	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	1 unit			
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: 40 µm 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			
	BY LOT				
	NOTE: Please attach brochure and indicate days of delivery				

Accomplished by:

By the authority of the University President.

Supplier's Representative
(Print name and Signature)

DR. CECILIA A. GERONIMO
BAC Chairperson

Date Accomplished : _____

Canvassed by:

Name and Signature

BulSU-OP-PU-03F3
Revision: 1
RON 9.30.23