



Republic of the Philippines
PROCUREMENT DEPARTMENT
Quezon City Government



PO Number **2310171**

Purchase Order Date: **NOV 17 2023**

Procuring Unit	: QUEZON CITY UNIVERSITY ✓	Project Number	: QCU-23-OE-1188B ✓
Company Name	: HYTEC POWER, INC. ✓	Mode of Procurement	: Public Bidding ✓
Address	: No. 2 T. Cruz St. Cruzville Subdivision, Kaligayahan. Quezon City ✓	Resolution No.	: 23-PB-804 ✓
Business Type	: Corporation Registration #CS200401804 ✓	TIN Number	: 229-283-188-000 ✓
		Contact Number	: 0915-8093937 ✓

Sir/Madam:

Please furnish this office the following articles subject to the terms and conditions contained here:

Place of Delivery : Upon end-user's instruction subject to proper coordination with CGSD ✓ **Delivery Schedule :** Ninety (90) Calendar Days ✓
Payment Term : Credit

Stock No.	Item	Unit of Issue	QTY	Unit Cost	Amount
1 ✓	Programmable Logic Controller Trainer - PCL-220 ✓ Features: 1. Input-simulation switches function as level and pulse input for different input signal 2. It is particularly suitable for installation of output relay helps to increase load current 3. Easy-to-use, Windows-based development software 4. Assorted peripheral devices and other devices that support external extensions, it particularly suits laboratory experiment and project implementation. 5. Various simulations I/O devices for studying and observing the results 6. Using 4mm safety sockets on Input/output terminals to ensure users' safety 7. The suitcase-design makes it easy to carry, move and store TECHNICAL SPECIFICATIONS: 1. AC Adapter: input 100V~ 240V AC, output 24V DC 2. Digital Input: 14 3. Digital Output: 10 4. Analog Input: 2 5. Support High-speed Counters: 6 6. Support PTO/PWM Pulses: 4 (total) 7. Support Timers: limited by the amount of memory in the CPU 8. Module Expansion Port and DIO Extension Port 9. Traffic Light Control Module 10. Tank-filling Device Module 11. 4-digit, 7-segment Display 12. 4-digit Thumbwheel Switch 13. Step Motor 14. Encoder 15. 24V DC Motor ✓	set ✓	8 ✓	1,387,000.00 ✓	11,096,000.00 ✓

MA. JOSEFINA G. BELMONTE
City Mayor ✓

Maria M. M. M.
Signature Over Printed Name of Supplier / Date 11-28-23

Funds Available:

Ruby G. Manangu
RUBY G. MANANGU
City Accountant ✓

Approved Budget for the Contract : 13,826,000.00 ✓

Q201050-07-07-023
OBR : TRUST LIABILITIES - SA/UF
107-2023-11-133



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	16. Proximity Sensor 17. Micro Switch 18. Buzzer 19. 4 x 4 Keypad 20. Analog Input Knob: 0~10V DC 21. 24V DC Expansion Power 22. Windows-based programming software (STEP 7 TIA Portal) List of Experiments: 1. STEP 7 TIA portal operations - Editing ladder program - Testing ladder program - Monitoring status 2. Basic control circuits - Self-holding circuit - Flashing control - Inching control - Single Button Control 3. Light control - Simple light control - Complex light control 4. Traffic light control - Traffic light controller (conventional) - Traffic light controller (code block) 5. Digital clock control - 7-segment display control - Time clock 6. Step motor control - Speed and direction control - Encoder operation - Step motor and encoder - Step motor step display				

MA. JOSEFINA G. BELMONTE
City Mayor

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11-28-23

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RUBY G. MANANGU
City Accountant

OBR : TRUST FUND

Approved Budget for the Contract : 13,826,000.00



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Stock No.	Item	Unit of Issue	QTY	Unit Cost	Amount
7.	Tank filling device control				
	- Tank filling control				
	- Thumbwheel device				
	- Tank filling control with thumbwheel				
8.	Keypad control				
	- Keypad operation				
	- Digital lock control				
9.	DC motor control				
	- Analog Input Controller				
	- PWM speed controller				
	- Proximity and micro switches				
	- Automatic speed control				
	Accessories:				
	1. Power Cord				
	2. Experiment Manual				
	3. Connecting Leads Set				
	4. Industrial Ethernet Cable, CAT 6, Length 6M				
	5. STEP 7 BASIC TIA Portal Software DVD				
2.	Microcontroller Application Module Trainer - MTS-887	set	5	480,800.00	2,404,000.00
	The equipment shall have the following technical specifications:				
	1. PiC16F887 chip x 1				
	- 40 pins (35 input/output pins)				
	- 368 bytes RAM memory				
	- Nano Watt Technology				
	- 10-Bit Analog-to-Digital (A/D) Converter				
	- Operating Frequency (0~20MHz)				
	2. UART to USB Interface x 1				
	3. EEPROM 64Kbits x 1				
	4. 20 x 2-character LCD x 1				
	5. 4-digit 7-segment display x 1				

MA. JOSEFINA G. BELMONTE
City Mayor

Marvin Villarta
Signature Over Printed Name of Supplier / Date **11-28-23**

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	6. Capacitive sensing button x 1 7. LED x 11 8. 8 x 8 multicolor dot matrix LED display x 1 9. Buzzer and status LED x 1 10. 5K variable resistor x 1 11. AD590 temperature sensor x 1 12. Stepping motor and status LED 7.5 degrees x 1 13. 10 x 2 extend socket x 2 14. Slide switch x 8 15. 4 x 4 matrix keypad x 1 16. Built-in power supply: Input: 100~240VAC/50/60Hz, 0.65A Output: 12V/1.2A, 5V/2.1A, 3.3V/1A The equipment shall be able to perform the following experiments: 1. Basic I/O Controls 2. External Interrupt I/O Experiment 3. Chip Clock 4. Watch dog Timer 5. Timer 6. UART 7. I2C 8. LCD module experiment 9. Temperature Measurement experiment 10. LED matrix display experiment 11. Stepping Motor experiment 12. Capacitive touch sensing experiment The set shall include the following accessories: 1. A.C. power cord 1 piece 2. Fuse 1 piece 3. Experiment manual 1 piece 4. Experiment CD 1 piece				

MA. JOSEFINA G. BELMONTE
City Mayor


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Stock No.	Item	Unit of Issue	QTY	Unit Cost	Amount
	5. USB A-B type cable, 150cm 1 piece 6. IDC cable 10 pin x 2 pin, 20cm 1 piece 7. DuPont Line 1P-1P, 150mm 20 piece 8. 6pin Programmer Cable 1 piece 9. Microchip 3 debugger/programmer ✓ Terms and Conditions: 1. Attach proof of ISO certification to ensure that the quality of products and services complies with industry and international standards. 2. Bidder must submit brochure catalog indicating the brand name and model of bid item/s as additional requirements. 3. Supplier must conduct after sales training for the end-user after the completion of delivery for 18 Engineering faculty members and Laboratory personnel for 5 days. 4. Supplier must provide continuous technical support to equipment parts including services and repair as long as the equipment is functional. 5. Equipment must be supplied with training manuals in English. 6. Please attach Trainor's certification from the manufacturer to assure the quality of training that will be provided. ✓ ***** Nothing Follows *****				

Total Amount : 13,500,000.00 ✓

Total Amount In Words (Pesos): Thirteen Million Five Hundred Thousand Pesos Only ✓

MA. JOSEFINA G. BELMONTE
City Mayor



Signature Over Printed Name of Supplier / Date

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RUBY G. MANANGU
City Accountant

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OBR : TRUST LIABILITIES - SA/GF
107-2023-1-03

TERMS AND CONDITIONS

1. ALL PRICES INDICATED HEREIN ARE VALID, BINDING AND EFFECTIVE AT LEAST WITHIN THIRTY (30) CALENDAR DAYS FROM DATE OF RECEIPT.
2. AWARDEE shall be responsible for the source(s) of its supplies/materials/equipment and shall make deliveries in accordance with the schedule, quality and specification of the award and purchase order. Failure by the AWARDEE to comply with the same shall be a ground for cancellation of the award and purchase order issued to that AWARDEE and for re-awarding the item(s) to the ALTERNATE AWARDEE.
3. AWARDEE shall pick up purchase order(s) issued in its favor within three (3) days after receipt of notice to that effect. A telephone call, fax transmission or electronic mail (e-mail) shall constitute an official notice to the AWARDEE. Thereafter, if the purchase order(s) remains unclaimed, the said purchase order(s) shall be sent by mailing or courier, messengerial service to the AWARDEE. To avoid delay in the delivery of the requesting end-user's requirement, all DEFAULTING AWARDEES shall be precluded from proposing or submitting a substitute sample.
4. Subject to the provisions of the preceding paragraph, where AWARDEE has accepted a purchase order but fails to deliver the required product(s) within the time called for in the same order, the delivery period may be extended a maximum of fifteen (15) calendar days under liquidated damages to make good the delivery. Thereafter, if AWARDEE has not completed the
5. delivery within the extended period, the subject purchase order shall be cancelled and the award for the undelivered balance, withdrawn from that AWARDEE. The BAC-Goods and Services shall then purchase the required item(s) from such other source(s) as it may determine, with the difference in price to be charged against the DEFAULTING AWARDEE. Refusal by the DEFAULTING AWARDEE to shoulder the price difference shall be ground for its disqualification from future bids of the same items, without prejudice to the imposition of other sanction as prescribed under RA 9184 and its RIRR.
6. When the supplier fails to satisfactorily deliver goods/services under the contract within the specified delivery schedule, inclusive of duly granted time extensions, if any, the supplier shall be liable for damages for the delay and shall pay the procuring entity liquidated damages, not by way of penalty, an amount equal to one-tenth (1/10) of one percent (1%) of the cost of the delayed goods/services scheduled for delivery for everyday of delay until such goods/services are finally delivered and accepted by the procuring entity concerned.
7. Rejected deliveries shall be construed as non-delivery of product(s)/item(s) so ordered and shall be subject to liquidated damages, subject to the terms and conditions prescribed under paragraph 4 hereof.
8. Supplier shall guarantee its deliveries to be free from defects. Any defective item(s)/product(s), therefore that maybe discovered by the **Quezon City Government** within three (3) months after acceptance of the same, shall be replaced by the supplier within seven (7) calendar days upon receipt of a written notice to that effect.
9. All duties, excise and other taxes and revenue charges, if any, shall be for the supplier's account.
10. As a pre-condition to payment, IMPORTANT DOCUMENTS specifically showing the condition and serial numbers of the imported equipment purchased should be submitted by the supplier to the **Quezon City Government**.
11. All transactions are subject to applicable withholding taxes in accordance with existing BIR rules and regulations.
12. Supplier shall furnish the End-user through the City General Services Department stockroom, the articles, described above;
13. The **Quezon City Government** reserves the right to accept or reject delivered articles if found not in conformity to the specifications, terms and conditions stipulated.
14. Provisions contained in Title VI, Book IV of the Civil Code of the Philippines on Sales are hereby incorporated and made as an Integral part hereof.
15. This contract shall also serve as **Notice to Proceed**, to take effect on NOV 28 2023 and to expire on - FEB 26 2024.

CONFORME:

Morish Villarta
SIGNATURE OVER PRINTED NAME

Authorized Representative
IN THE CAPACITY OF

11-28-23
DATE

Duly authorized to sign this Purchase Order for and on behalf of HUTEL POWER INC.
COMPANY NAME

SUBSCRIBED AND SWORN to before me this 28 NOV 2023 at QUEZON CITY Philippines. Affiant personally known to me and were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiants exhibited to me his/her _____ with his/her photograph and signature appearing thereon with No. National ID - 6047-3906-8935-4910.

Doc. No. 131
Page No. 28
Book No. 151-9
Series of 2023

ATTY. ELISEO S. CALMA, JR.
Quezon City Notary Public
Until Dec. 31, 2023
Roll No. 50183
PTR No. 4007172-D, 01/03/2023, Q.C
PBB No. 0006500-00, 01/04/2023
MCLE Comp. No. VII-0006924 Until April 14, 2025
Adm Matter No. NP-067 (2022-2023)

***This Purchase Order shall be deemed invalid without Notary Seal (for project amounting to P12,500,000.00 and above only)