

Purchase Order

INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

Supplier :	GABIGROUP INC.	P.O. No. :	GIAE-PO-2025-01-0014 (MSD)		
Address :		Date :	January 2, 2025		
TIN :		Mode of Procurement : Public Bidding			
Gentlemen: Please furnish this Office the following articles subject to the terms and conditions contained herein:					
Place of Delivery :		MSD Building		Delivery Term : 90 calendar days	
Date of Delivery :		Payment Term :			
Stock/ Property No.	Unit	Particulars	Quantity	Unit Cost	Amount
	lot	<p>Supply, Delivery, Installation, and Commissioning of one (1) lot Concrete 3D Printer with continuous feeding system and pumping system</p> <p>Scara v4 Potterbot with Auger System and Pump</p> <ul style="list-style-type: none"> - 1 unit Clay/Concrete 3D Printer for Cementitious Material Development - Extruder size of your choice - 5 anodized aluminum nozzles (standard sizes: 3, 4, 5, 6, and 8mm when extruder is purchased) - Parts box: Alan key set, grease, Acme driver tool, tie wraps, extra screw - Power supply - 10XL Capacity Auger system - Pump - mighty small - Includes 1kg sample material - Includes software - Includes material cleaning solution - 2 years warranty - Power requirements: 110-220V 50-60 Hz single-phase - Power consumption: 200-500W - Build volume/Printable area: at least 1000mm x 1000mm (DxH) - Maximum travel speed: 250 mm/s (adjustable) - Maximum print speed: 250 mm/s (adjustable) - Nozzle diameter: 3 mm, 4 mm, 5 mm, 6 mm, 7 mm, 8 mm (interchangeable) - Equipment Dimensions: at least 2000mm x 2000 mm x 1000 mm (LxWxH) - Software must be able to display the information about the model to be printed such as the number of layers and estimated time of print - Software must allow real-time control over the print and extrusion speed. - Inclusive of English language operation manual, parts manual, maintenance, manual and tools. <p>Pumping System:</p> <ul style="list-style-type: none"> - Motor power: at least 2 kW - Power requirements: 220 V 50-60 Hz single-phase - Dimensions: at least 1100 mm x 600 mm x 500 mm (LxWxH) - Pump pressure: 30-40 bar 	1	4,559,200.00	4,559,200.00

* Same: Clarification letter dt. 12/10/24

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		- Minimum load volume: 40 L - Flow rate: 40-1500 L/hr (adjustable) - Tube length: at least 5 m - Tube diameter: 1 inch - Tube material: EPDM rubber Mighty Small 50 Plus 230V 50/60Hz Sph - 2.2 kW Power Supply: 220 Volt Horsepower: 3 Flow rate: 1.7-54 cu ft/hr Max. pumping pressure: 450 PSI Max. aggregate size: 1/4 in Hopper capacity: 1.75 cu. Ft Weight (palletsized): 110 lbs Conversion Table: Pump pressure: 30-40 bar 450PSI = 31.02 bar pressure Minimum load volume: 40 L 1.75 cu. Ft = 49.55L volume Flow rate: 40-1500 L/hr (adjustable) 1.7 cu. Ft - 54 cu ft. = 48.1 L - 1500L/hr Tube length: at least 5 m Material hose 25-15m EPDM rubber Tube diameter: 1 inch 25cm diameter = 1 inch Assembly and Setup services ***The machine travels disassembled and its assembled in the work space by our technicians only. Delivery On-site installation and Training provided by certified technicians for 2-days - Training conducted by certified specialist - Up to 10 participants - Includes hardware, software and maintenance course - Included manuals and maintenance	1		
			1		

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Stock/ Property No.	Unit	Particulars	Quantity	Unit Cost	Amount
		Maintenance and Tune up service	1		
		Local servicing and troubleshooting - Training conducted by certified specialist - Up to 10 participants - Includes hardware, software and maintenance course - Included manuals and maintenance	1		
		Maintenance and Tune up service	1		
		Local servicing and troubleshooting	1		
					4,559,200.00
Less: VAT				203,535.71	
EWT				40,707.14	244,242.85
TOTAL:					4,314,957.15

END USER: *Joelyn Reyes*
JOCELYN REYES

(Total Amount in Words) : Four Million Three Hundred Fourteen Thousand Nine Hundred Fifty Seven Pesos and 15/100 only

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed on the undelivered item/s.

Conforme:

Justin Gabitan
Mr. Justin Gabitan
Signature over Printed Name of Supplier
January 17, 2025
Date

Very truly yours,

Annabelle V. Briones
DR. ANNABELLE V. BRIONES
Signature over Printed Name of Authorized Official
Director
Designation *t/le*

Fund Cluster : Philippines (CHAMP)
Funds Available : _____

Project 2: Materials for Application-Specific Technologies for 3D/4D Printing R&D (MAST3R: Central Hub for Advanced Manufacturing R&D in the Philippines (CHAMP)
Patricia Ashley M. Mendoza
PATRICIA ASHLEY M. MENDOZA
Signature over Printed Name of Chief Accountant/Head of Accounting
Division/Unit Accountant IV

ORS/BURS No. : _____

Date of the ORS/BURS: _____

Amount : _____