

22-853 TF

PURCHASE ORDER
INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

Supplier : MOLAVE TRADING, INC.	P.O. No. : GIAE-PO-2022-06-0708
Address : Acero Building 891 EDSA Diliman, Quezon City	Date : June 28, 2022
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 : Metrology Building	Delivery Term : 120 days
Date of Delivery :	Payment Term :

Stock/Property No.	Unit	Description	Quantity	Unit Cost	Amount																																												
	lot	<p>Supply, Delivery, Labor, Installation and Commissioning of One (1) Unit High Speed Refrigerated Ultracentrifuge, Floor Mount</p> <p>THERMO SCIENTIFIC SORVALL WX100+REFRIGERATED ULTRACENTRIFUGE</p> <p>CAT. NO. 75000100</p> <p>TECHNICAL SPECIFICATIONS:</p> <table border="0"> <tr><td>Description</td><td>Sorvall WX 100+ Ultracentrifuge</td></tr> <tr><td>Type</td><td>Floor Model Centrifuge</td></tr> <tr><td>Profile (Acceleration/Braking)</td><td>10/11 (11 and coasting)</td></tr> <tr><td>Max. Speed</td><td>100,000 rpm</td></tr> <tr><td>Max. RCF</td><td>802,000 x g (T-890 rotor)</td></tr> <tr><td>Refrigerated</td><td>Yes</td></tr> <tr><td>Amperage</td><td>16/20 A</td></tr> <tr><td>Control Speed Accuracy</td><td>+2 rpm</td></tr> <tr><td>Temperature Range</td><td>0°C to 40°C</td></tr> <tr><td>Heat Output</td><td>1 kW or below</td></tr> <tr><td>Noise Level</td><td>51 dBA (running at set speed, under in-house test condition) measured 1m to front of instrument</td></tr> <tr><td>Refrigerator System Type</td><td>Thermo-module cooling system (CFC/HCFC/HFC-free). Solid-state thermoelectric refrigeration (CFC-free)</td></tr> <tr><td>Electrical Requirements</td><td>208/240 V 50/60 Hz</td></tr> <tr><td>Certifications/Compliance</td><td>CE and cCSAus</td></tr> <tr><td>Capacity</td><td>6 x 250 mL</td></tr> <tr><td>Phase</td><td>Single</td></tr> <tr><td>Dimensions (HWD)</td><td>34.6 x 31.1 x 27.2 in. (88 x 79 x 69 cm)</td></tr> <tr><td>Net Weight</td><td>859.8 lb. (390 kg)</td></tr> <tr><td>Program Storage</td><td>1000 programs with step-runs</td></tr> <tr><td>Standards</td><td>CE and cCSAus</td></tr> <tr><td>Ambient Temperature Operating Range</td><td>10°C to 30°C</td></tr> <tr><td>Green Features</td><td>Energy efficient, less waste</td></tr> </table> <p>Product Overview:</p> <p>Available in 80,000, 90,000 and 100,000rpm models, offering RCF up to 802,000 x g. Small footprint is ideal for labs where space is limited, while a low deck height (86.3cm/ 33.9in) makes rotor loading and unloading easy</p> <p>Non-bolt down design greatly simplifies installation and flexibility to relocate within a facility</p> <p>Self-locking rotor system provides confidence that the rotor is automatically and securely locked</p> <p>Intuitive full color LCD touch screen keeps operation and programming simple. Located at the front of the instrument, this easy-to-navigate graphical display provides quick access to all functions and menus.</p> <p>Monitor instrument status from across the lab with Stat Light, our multi-color, programmable 47cm long LED bar mounted on the front of the instrument for easy visibility</p> <p>Automatic tube balance compensation accelerates sample preparation by allowing visual sample balancing up to 5mm</p> <p>The extensive rotor portfolio for the Sorvall WX+ ultracentrifuge series supports labware from microtubes to 250ml. bottles—providing applications flexibility as your lab's research focus evolves.</p> <p>Choose Fiberlite carbon fiber rotors for unequalled durability and high performance.</p> <p>Fatigue-resistance provides structural integrity, eliminating the need to derate or limit the speed over the rotor lifespan</p> <p>Corrosion-resistant design protects against damage due to moisture, chemicals, alkaline solutions or other salts in the laboratory</p> <p>Lightweight rotors improve ergonomics for a safer work environment and minimize the risk of damage to centrifuge equipment</p> <p>Repairable</p>	Description	Sorvall WX 100+ Ultracentrifuge	Type	Floor Model Centrifuge	Profile (Acceleration/Braking)	10/11 (11 and coasting)	Max. Speed	100,000 rpm	Max. RCF	802,000 x g (T-890 rotor)	Refrigerated	Yes	Amperage	16/20 A	Control Speed Accuracy	+2 rpm	Temperature Range	0°C to 40°C	Heat Output	1 kW or below	Noise Level	51 dBA (running at set speed, under in-house test condition) measured 1m to front of instrument	Refrigerator System Type	Thermo-module cooling system (CFC/HCFC/HFC-free). Solid-state thermoelectric refrigeration (CFC-free)	Electrical Requirements	208/240 V 50/60 Hz	Certifications/Compliance	CE and cCSAus	Capacity	6 x 250 mL	Phase	Single	Dimensions (HWD)	34.6 x 31.1 x 27.2 in. (88 x 79 x 69 cm)	Net Weight	859.8 lb. (390 kg)	Program Storage	1000 programs with step-runs	Standards	CE and cCSAus	Ambient Temperature Operating Range	10°C to 30°C	Green Features	Energy efficient, less waste	1	5,182,318.30	5,182,318.30
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EMAILED

Recipient: _____
Date: 7-21-22 Time: _____

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INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

Supplier : MOLAVE TRADING, INC. Acero Building 891 EDSA Diliman, Quezon City	P.O. No. : GIAE-PO-2022-06-0708 Date : June 28, 2022
Address : TIN :	Mode of Procurement : Public Bidding

Gentlemen:
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Place of Delivery : Metrology Building	Delivery Term : 120 days ✓
Date of Delivery :	Payment Term :


Stock/Property No.	Unit	Description	Quantity	Unit Cost	Amount
		<p>Comes complete with the following :</p> <p>1 x cat 75003032 SureSpin 632 (38.5mL) Swinging Bucket Rotor Titanium, Max Capacity: 6 x 38.5mL Max Speed: 32,000 rpm max RCF:187,295xg K Factor: 194 Angle: 90° Max Sample Density: 1.2g/ML</p> <p>Rotor Package includes: Rotor Stand, Vacuum Grease, Lubricant, Extra overspeed decal (32,000rpm) 38.5mL Buckets (qty.6), Bucket O-ring, Bucket Rack, Instruction Manual, Ultracentrifuge rotor log book</p> <p>1 x cat 75000471 PET thin-walled Tubes, 50/pkg Tube Vol: 38.5 mL Vol Fill: 38.5mL Tubes/rotor: 6 Dimension: 25 Ø x 88mm L Max Speed: 32,000 rpm Max RCF: 187,295x g</p> <p>1 x cat 03141 PA Thin-walled tubes, 25/pkg Tube Vol: 36.0 mL Vol Fill:35.0mL Tubes/rotor: 6 Dimension: 25 Ø x 89mm L Max Speed; 32,000 rpm Max RCF: 187,295 xg</p> <p>1 x cat 75000427 PA re-seal cone top tube, 50/pkg Tube Vol: 31.0 mL Vol Fill: 31.0 mL Tubes/rotor: 6 Dimension: 25Ø x 81mm L Max Speed: 29,000 rpm</p> <p>6 x cat 75000428 25mm Noryl crown 1 x cat 75000451 Stainless steel plug (qty.10) 1 x cat 75000478 Wrench Tool 1 x cat 50146146 HEPA Filter Kit</p> <p>1 x SOCOMEK ITYS 2 UPS Model ITY3-TW100B, 10KVA 1 x Stavol AVR 10 KVA</p> <p>WARRANTY: Two(2) years from date of acceptance on parts, services and preventive maintenance during the warranty.</p> <p align="right">GELITO JOSEPH M. SIKAT End-user</p>			
			Less: VAT EWT	231,353.50 46,270.70	277,624.15 4,904,694.10

(Total Amount in Words): Four Million Nine Hundred Four Thousand Six Hundred Ninety-Four pesos and 11/100 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: Very truly yours,


PATRICIA K. ALCALÁ
 Signature over Printed Name of Supplier
 July 21, 2022
 Date


DR. ANNABELLE V. BRIONES
 Signature over Printed Name of Authorized Official
 Director
 Designation

Fund Cluster : VIP Project 3: Detection of Food and Water-Borne Bacterial Pathogens using Phage-based Diagnostics	ORS/BURS No. : CO 2022061639
Funds Available : PATRICIA ASHLEY M. MENDOZA / Accountant II Signature over Printed Name of Chief Accountant/Head of Accounting Division/Unit	Date of the ORS/BURS: 06/30/2022 Amount : ₱ 5,182,318.30