

PURCHASE ORDER

QR-ADMPPS-04

INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

DOST Compound, Gen. Santos Ave., Bicutan, Taguig City
DOST Trunkline: 837-2071 local 2220 / 2221

17-162 TF

Supplier: ALVTECHNOLOGIES PHILIPPINES, INC.	P.O. No.: GIA-E-141-2017
Address: <i>Unit 2308 Medical Plaza Ortigas, San Miguel Ave., Ortigas Center, Pasig City</i> (5) PO-08-3	Date: July 4, 2017
	Mode of Procurement: Public Bidding
	Resolution No. ITDI-PB-2017-004
	PR # 08-2017-0045 ASC # 004-2017

Gentlemen:

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

Place of Delivery: Metrology Bldg. (not later than 3:00 P.M.)	Delivery Term: Ninety (90) days
Date of Delivery:	Payment Term:

Stock No.	Unit	Description	Quantity	Unit Cost	Amount
1	unit	One (1) lot Hollow Fiber Membrane and Module Fabrication Equipment System w/c includes the following: <i>Lab-Scale Hollow Fiber (DIPs) Membrane Spinning Line, design, fabrication and commission</i> <i>Overall approximate dimensions: L3500x W1100xH1400</i> <i>Individual control panel with touch screen PLC controller</i> <i>Electric Power: Single phase 220-240V, 50/60 Hz, total 10KW</i> <i>One stainless steel (SS) polymer pressure vessels with 2 liter capacity each</i> <i>One push-in fittings for nitrogen degassing process</i> <i>One Zeni-Tech D900 dope feeding pumps with step motor; 0.2 ml/rev</i> <i>One HPLC Syringe pumps for bore fluid feeding, 0.1 ml/min</i> <i>Single SS316 spinners (1.2 x 0.7 mm)</i> <i>One on-line filters (with 1 additional back up set)</i> <i>Coagulation bath with heater, insulation jacket and temperature controller, up to 60°C to 70°C</i> <i>Membrane collection drum with washing bath</i> Product Code: Spinning Line	1	8,061,645.00	8,061,645.00

Page 1 of 3 pages

(Total Amount in Words)

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.

Very Truly yours,

Conforme:

(Signature over printed name)

(Date)

Requisitioning Office/Dept.	Funds Available:	Amount ALOBS No. _____
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QR-ADMPPS-04

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DOST Compound, Gen. Santos Ave., Bicutan, Taguig City
DOST Trunkline: 837-2071 local 2220 / 2221

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Address: Unit 2308 Medical Plaza Ortigas, San Miguel Ave., Ortigas Center, Pasig City (5) PO-08-3	Date: July 4, 2017
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Date of Delivery:		Payment Term:			
Stock No.	Unit	Description	Quantity	Unit Cost	Amount
TOTAL CARRIED FORWARD					
	unit	Bench-scale Glue Mixing and Dispensing system, design, fabrication and commission Overall approximate dimensions: 300 (W) x 600 (L) x 500 (H) Glue Part A and B each containers' capacity: 2.0L Invertor motor with controller Glue dispensing speed range: 100-800 ml/min Electric Power: 1.5 kW Product Code: Glue Mixing Provided Vertical Potting Manual Setup Processes	1	608,720.00	608,720.00
	unit	Lab-scale Module Trimming Machine (extra solidified glue Cutting) Foot Print: L 1.2 x W 0.5m x H 1.6 Cutting blade stroke: 200 mm Max. Cutting force: 8,000 kg. Capable of cured PU and Epoxy glue cutting Product Code: Trimming Machine	1	1,233,312.00	1,233,312.00
	pc	Bench scale hollow fiber module casing 1/2" quick connection fitting for shell-side water piping connection 3/8" male connector adaptor for lumen-side water piping connectin Membrane casing effective inner diameter 10.0mm	50		493,323.00
					10,397,000.00

Page 2 of 3 pages
(Total Amount in Words)
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Very Truly yours,

Conforme:

(Signature over printed name)

(Date)

Requisitioning Office/Dept.	Funds Available:	Amount ALOBS No.

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INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE

DOST Compound, Gen. Santos Ave., Bicutan, Taguig City
DOST Trunkline: 837-2071 local 2220 / 2221

A-1027F

Supplier: ALVTECHNOLOGIES PHILIPPINES, INC.	P.O. No.: GIA-E-141-2017
Address: Unit 2308 Medical Plaza Ortigas, San Miguel Ave., Ortigas Center, Pasig City (5) PO-08-3	Date: July 4, 2017
	Mode of Procurement: Public Bidding
	Resolution No. ITDI-PB-2017-004
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Date of Delivery:	Payment Term:

Stock No.	Unit	Description	Quantity	Unit Cost	Amount
TOTAL CARRIED FORWARD					
		<p><i>*Installation, Training and Commissioning</i> <i>*After sales service and support from AVL Technologies Philippines, Inc.</i> <i>*Includes support and technical assistance on Hollow Fiber Membrane Fabrication</i> <i>*Warranty: 12 months on parts, 36 months on services</i> <i>*Origin: Singapore</i></p>			10,397,000.00
			Less: VAT	464,151.79	
			EWT	92,830.36	556,982.15
					9,840,017.85

END-USER: **VIVIAN U. LAGURA**
 CHARGE TO: *Development, Characterization and Performance Evaluation of Polymeric Separation Membrane for Industrial Applications using Local Materials*

PREPARED BY: *[Signature]*
ROCHEL LEE C. DELUTA
 Administrative Officer V

Page 3 of 3 pages
 (Total Amount in Words) **Nine million eight hundred forty thousand seventeen pesos & 85/100**

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.

Very truly yours,

MARIA PATRICIA V. AZANZA, Ph.D.
 Director

Conforme: *[Signature]*
Rica Faber Sureda
 (Signature over printed name)
July 24, 2017
 (Date)

Requisitioning Office/Dept. DR. BLESSIE A. BASILIA Chief-MSD	Funds Available: SOLEDAD S. REYES Accountant IV	Amount ALOBS No. ₱ 10,397,000.-
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July 24, 2017