

BAC Resolution Declaring LCRB and Recommending Approval

RESOLUTION No. PB01– 2025

WHEREAS, the **PHILIPPINE TEXTILE RESEARCH INSTITUTE (PTRI)** advertised the Request for Quotation (RFQ) for the Negotiated Procurement of **One (1) Lot Hydrothermal Reactory System**, with an Approved Budget for the Contract of Seven Million Pesos (Php 7,000,000.00) charged to DOST-GIA “Covert Technology Towards Sustainability and Protection of the Philippine Textile Sectors”, in the PhilGEPS and DOST-PTRI websites, and posted in a conspicuous place at the premises of PTRI, continuously for seven (7) days;

WHEREAS, in response to the said advertisement and posting, three (3) bidders expressed Interest and purchased the bid documents;

WHEREAS, three (3) bids were received before the bid opening on 29 October 2024, 01:00 PM, from Diamond Industrial Systems Provider, Inc., Clean World Trading and Supplies, Inc., and Molave Trading, Inc. of which the all bidders passed the preliminary examination of their bids;

Name of Bidder	Bid Amount (As Read)	% Variance from ABC
DIAMOND INDUSTRIAL SYSTEMS PROVIDER, INC.	6,300,000.00	10%
CLEAN WORLD TRADING AND SUPPLIES, INC.	6,950,000.00	0.714%
MOLAVE TRADING, INC.	6,907,605.00	1.31%

WHEREAS, upon detailed evaluation of the technical specifications offered by the lowest bidder, Diamond Industrial Systems Provider, Inc. it was found that it did not comply with the following specifications;

	PTRI REQUIREMENTS	DIAMOND INDUSTRIAL SYSTEMS PROVIDER, INC.	REMARKS
1	Main Unit <ul style="list-style-type: none">Internal Diameter: 40-100 mmDepth: 180-250mmReactor Weight: 3-10 kg	<ul style="list-style-type: none">40-100mm120-250mm3-10 kg	Non-complying because the physical dimensions of the main unit are not indicated in the submitted brochure.

2	Heating System <ul style="list-style-type: none"> Height: 600-800 mm Depth: 200-300 mm Width: 200-300 mm Weight: 15-30 kg Current: 5.0 - 10 A 	<ul style="list-style-type: none"> 600-800 mm 200-400 mm 200-500 mm 15-30 kg 4.5-10A 	Non-complying because the physical dimensions and measurements are not within the range.
3	Stirring Unit <ul style="list-style-type: none"> Motor Power: 1/17 or 0.05882 Hp 	None.	Non-complying because the motor power of the stirring unit is not indicated in the submitted brochure.
4	Mobile Computing Device <ul style="list-style-type: none"> CPU: 8-core or better GPU: 10 core or better Operating System: Compatible Operating System Document Output Device: All-in-one/Black and colored Inclusive of Home and Business Office 2019 or equivalent 	None. None.	Non-complying because no brochure or supporting documents were provided indicating that a mobile computing device is included in their offer.
5	Digital Display Device <ul style="list-style-type: none"> Aspect Ratio: 9:16 Portrait fixed orientation or equivalent or better Inclusive of Kiosk Type Stand Inclusive of Remote Controller 	16:9 aspect ratio, landscape orientation Offered non-Kiosk Stand None.	Non-complying. Non-complying as the requirement is a kiosk stand. Remote controller is not included in the brochure.
6	Controlled Environment Sample Preparation Box Interior Dimension <ul style="list-style-type: none"> Width: 700-900mm Transfer Chamber with Vacuum Pump unit Base stand with height Automatic Pressure Adjustments Inclusive of complete standard working accessories such as wires, cables, electrical components, tubes, etc. 	910mm None.	Non-complying as the width of the controlled environment sample preparation box is not within the range. There is no base stand and standard working accessories indicated in the brochure.

7	Aerosolized Vapor Distribution System or equivalent/similar humidifier <ul style="list-style-type: none"> Water storage capacity: 10-20 L Mist output: 250-330 ml/hr Coverage: ≥ 50 sqm Automatic timer function Low water level indication 	None.	Non-complying because specifications for the aerosolized vapor distribution are not indicated in the submitted brochure.
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WHEREAS, in view of the results of detailed evaluation as shown above, a Notice of Post-Disqualification was sent to Diamond Industrial Systems Provider, Inc. on 23 December 2024;

WHEREAS, having no pending Motion for Reconsideration, the BAC evaluated the compliance in technical specifications of the next lowest bidder, Molave Trading, Inc. of which resulted to the following findings;

	PTRI REQUIREMENTS	MOLAVE TRADING, INC.	REMARKS
1	Main Unit <ul style="list-style-type: none"> Reactor Weight: 3-10 kg 	<ul style="list-style-type: none"> None. 	Non-complying because the reactor weight is not indicated in the submitted brochure.
2	Heating System <ul style="list-style-type: none"> Weight: 15-30 kg 	<ul style="list-style-type: none"> 6 kg 	Non-complying because the physical dimension and measurement is not within the range.
3	Stirring Unit <ul style="list-style-type: none"> Motor Power: 1/17 or 0.05882 hp 	<ul style="list-style-type: none"> 0.188 hp 	Non-complying because the value is not equal to the required specification.
4	Mobile Computing Device <ul style="list-style-type: none"> CPU: 8-core or better GPU: 10 core or better 	None.	Non-complying because the CPU and GPU of the mobile computing device are not indicated in the submitted brochure.
5	Digital Display Device <ul style="list-style-type: none"> Refresh Rate: 60 Hz 	None.	Non-complying because the Refresh Rate is not indicated in the submitted brochure.

6	Sample Preparation Hood Interior Dimension <ul style="list-style-type: none"> Internal Waterproof Sockets 	None	Non-complying because the inclusion of the Internal Waterproof Sockets is not indicated in the submitted brochure.
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WHEREAS, based on the findings shown above, the BAC through the BAC Secretariat sent a Notice of Post-Disqualification to Molave Trading, Inc.;

WHEREAS, on December 25, 2024, a Motion for Reconsideration was filed by Molave Trading, Inc. and responded to by the BAC and granting the motion based on the following justifications;

Item	PTRI Findings	Molave Trading Inc - Motion for Reconsideration	BAC Findings
1	Main Unit <ul style="list-style-type: none"> Reactor Weight: 3-10 kg Non-complying because the reactor weight is not indicated in the submitted brochure.	6 kg per technical specification of the BR-500 reactor vessel in the brochure.	The technical specifications for the reactor complies with the requirements of the PTRI upon verification.
2	Heating System <ul style="list-style-type: none"> Weight: 15-30 kg Non-complying because the physical dimension and measurement was not within the range.	9.34kg (weight of main unit + heating system) <p>Our offered unit’s specifications (BR-500 and BHM-500) comply because a heating system with lesser weight is better. This gives the end-user comfort, as they do not have to lift heavy reactors.</p>	The proposed item offers significant advantages on the end-user due to its lightweight design, allowing for easy transport and operation.
3	Stirring Unit <ul style="list-style-type: none"> Motor Power: 1/17 or 0.05882 hp Non-complying because the value is not equal to the required specification.	0.188 hp (30 N cm) <p>Our offered unit’s specifications (BRM-1 stirrer) comply because a stirrer with a higher motor power will have a higher stirring speed which can be capable of stirring complex samples (e.g., textiles with high viscosity)</p>	A higher motor speed is beneficial as it can reach higher rotational power, ensuring the operation of the Hydrothermal Reactor System was efficient.
4	Mobile Computing Device	Intel Core i7-14650HX	The technical

	<ul style="list-style-type: none"> • CPU: 8 core or better • GPU: 10 core or better <p>Both non-complying as these were not indicated in the submitted brochure.</p>	<p>Our offered unit which is the Lenovo Legion 5in (16", Gen. 9) contains an Intel Core i7-14650HX which is a mobile processor with 16 cores combined with 8 cores each for PCore and E Core.</p> <p>UHD Graphics 710</p> <p>Our offered unit contains 16 cores or UHD Graphics 710.</p>	<p>specifications for the mobile computing device comply with the requirements outlined in the requirements of PTRI.</p>
5	<p>Digital Display Device</p> <p>Refresh Rate: 60 Hz</p> <p>Non-complying because the Refresh rate was not indicated in the submitted brochure.</p>	<p>Our offered unit which is the Bloom LED A65-FAD02 contains 7ms which indicates high response time.</p>	<p>The corresponding refresh time to the refresh rate is $1/60 \text{ Hz} = 0.0167\text{s}$ or 16.7ms. The stated response time of the Bloom LED A65-FAD02 is 7ms (approx. 142 Hz), which is faster from the refresh rate needed.</p>
6	<p>Sample Preparation Hood</p> <p>Interior Dimension: Internal Waterproof Sockets</p> <p>Non-complying, Internal waterproof sockets were not indicated in the submitted brochure.</p>	<p>Since the offered Sample Preparation Hood is ductless, our offered unit, which is Labconco Paramount Ductless Enclosure 4Ft, Cat. #6963423 includes two-utility ports which allow passage of tubing, electrical cords and interface cables from inside to back exterior for connection to services stated in page 7 of our submitted brochure as usage of heating equipment will negatively affect the life of the filters.</p>	<p>With similar functionality, the supplier offered a utility port comparable to the term "sockets" in the PTRI requirements. Therefore, the supplier's offered specifications are acceptable.</p>

WHEREAS, the detailed evaluation of the bid conducted resulted in the following:

Name of Bidder	Bid Amount (As Calculated)	% Variance from ABC
DIAMOND INDUSTRIAL SYSTEMS PROVIDER, INC.	6,300,000.00	10%
CLEAN WORLD TRADING AND SUPPLIES, INC.	6,950,000.00	0.714%
MOLAVE TRADING, INC.	6,907,605.00	1.31%

WHEREAS, upon careful examination, validation and verification of all the eligibility, technical and financial requirements, the bid submitted by **MOLAVE TRADING, INC.** has been found to be complying and responsive;

NOW, THEREFORE, We, the Members of the Bids and Awards Committee, hereby RESOLVE as it is hereby RESOLVED:


- a) To declare **MOLAVE TRADING, INC.** as the Bidder with a Lowest Calculated and Responsive Bid (SCRB) for the procurement of **One (1) Lot Hydrothermal Reactor System;**
- b) To recommend for approval by the PTRI Director the foregoing findings.

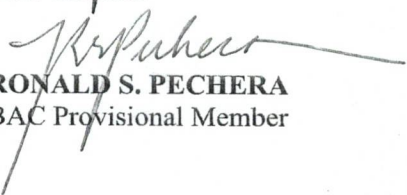
RESOLVED, at the PTRI Training Room, this ____ of _____ 2024.

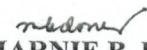

AUDRIC ZURIEL C. CRUZ
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BAC Chairperson

Approved:


JULIUS L. DEAÑO, JR.
Director IV

Approved on: 20 January 2025