



**Centre for Advanced Research in Sciences (CARS)  
University of Dhaka, Dhaka-1000.**

Office of the Director

Ph: 966 1920-59/Ext. 4618  
FAX: +880-02-9667222  
Email: cars@du.ac.bd  
Website : www.cars.du.ac.bd

Tender Ref. No. CARS/ST/P-294/OTM/2022

Date : ০৬-১০-১৪২৮ বঙ্গাব্দ  
20-01-2022 খ্রিষ্টাব্দ

**Invitation for Tender (National)**

Sealed Tenders (P-294) are hereby invited from reputed supplier for Supply, Installation, Testing and Commissioning of Equipment for different laboratory at the CARS, University of Dhaka.

1.	Ministry/Division	Ministry of Education		
2.	Agency	University of Dhaka		
3.	Procuring Entity Name	Centre for Advanced Research in Sciences (CARS), University of Dhaka.		
4.	Procuring Entity Code	Not used		
5.	Procuring Entity District	Dhaka		
6.	Invitation for	Supply, Installation, Testing and Commissioning of Equipment for different laboratory at the CARS		
7.	Invitation TenderRef No.	CARS/ST/P-294/OTM/2022		
8.	Date :	20-01-2022 খ্রিষ্টাব্দ		
<b>KEY INFORMATION</b>				
9.	Procurement Method	Open Tendering Method		
<b>FUNDING INFORMATION</b>				
10.	Budget and Source of Funds	Revenue Budget (RB) 2021-2022		
11.	Development Partner (if applicable)	N/A		
<b>PARTICULAR INFORMATION</b>				
12.	Project/Programme Code (if applicable)	Not used		
13.	Project/Programme Name (if applicable)	Not Applicable		
14.	Tender Package No.	Single lot		
15.	Tender Package Name	Supply, Installation, Testing and Commissioning of Equipment for different laboratory at the CARS		
16.	Tender Publication Date	20-01-2022 খ্রিষ্টাব্দ		
17.	Tender Last Selling Date	<b>09-02-2022 খ্রিষ্টাব্দ Up to office hours</b>		
18.	Tender Closing Date and Time	<b>Date :</b>		<b>Time:</b>
		<b>10-02-2022 খ্রিষ্টাব্দ</b>		<b>11:00 am</b>
19.	Tender Opening Date and Time	<b>10-02-2022 খ্রিষ্টাব্দ</b>		<b>11:30 am</b>
20.	<b>Name &amp; Address of the Office(s)</b>	<b>Address(s)</b>		
	-Selling Tender Document (Principal)	(i) Centre for Advanced Research in Sciences (CARS), University of Dhaka.		
	-Receiving Tender Document	(i) Centre for Advanced Research in Sciences (CARS), University of Dhaka.		
	-Opening Tender Document	Centre for Advanced Research in Sciences (CARS), University of Dhaka.		
21.	Place/Date/Time of Pre-Tender Meeting	<b>Name/Address</b>	<b>Date:</b>	<b>Time</b>
<b>INFORMATION FOR TENDERER</b>				
22.	<b>Eligibility of Tenderer</b>	(i) Up to date Trade License (ii) Up to date VAT Registration Certificate (iii) Up to date Income Tax Clearance Certificate (iv) Experience Certificate as mentioned in TDS (v) Bank solvency Certificate (vi) Manufacturer Authorization letter for applicable Equipment. <b>(vii) Applicant must be owner of the firm or Representative of the firm</b>		



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		<p><b>will be authorized by the owner of the Firm signature with name and seal of the owner.</b></p> <p>viii) Country of origin and made in country will be same. If differ then explain clearly with black and white.</p> <p>(ix) Color catalogue of the Equipment.</p> <p>(x) The Supplier has to avail an expert maintenance team, list of application training support team and needed submission of team member's list with Bio-data.</p> <p>(xi) <b>Warranty:</b> 2 years from the date of installation. Installation and training must be provided by the supplier (free of cost).</p>		
23.	Brief Description of Goods	Supply, Installation, Testing and Commissioning of Equipment for different laboratory at the CARS		
24.	Brief Description of Related Services	Supply, Installation, Testing and Commissioning of Equipment for different laboratory at the CARS		
25.	Tender Document Price <b>TK.-4,000.00</b>	The Price of Tender Schedule as mentioned is to be deposited in <b>A/C No. 36000392, Janata Bank, T.S.C branch, Dhaka University</b> . Tender schedule and terms and conditions may be collected on submission of the deposit receipt from the above mentioned offices on all working days except on the date fixed for submitting the tender.		
26.	<b>Identification/Name of Equipment</b>	<b>Location</b>	<b>Tender Security Amount in Taka</b>	<b>Completion Time</b>
	<b>Equipment</b>	CARS, DU.	<b>Equipment</b>  <b>53,500</b>	<b>90 days from the date of issuance a Purchase order</b>
<b>PROCURING ENTITY DETAILS</b>				
27.	Name of Official Inviting Tender	Prof. Dr. Md. Abdul Malek		
28.	Designation of Official Inviting Tender	Director		
29.	Address of Official Inviting Tender	Centre for Advanced Research in Sciences (CARS), University of Dhaka.		
30.	Contact details of Official Inviting Tender	9661900/Ext. 4616/ 4636.		
31.	The procuring entity reserves the right to accept or reject any or all tenders without assigning any reason whatsoever. The procuring authority also reserves the right to omit, increase or decrease the quantities of Equipment from the Tender. The suppliers must abide by the decision of the University authority. Tender form, schedule of requirements of supply, tender notice and terms and conditions etc. will form the integral part of the tender. The suppliers should write the <b>name of the item and the name of the firm on the envelope clearly</b> . Vat, Income Tax and other Taxes, if any, imposed by the Govt. will be deducted from their bills as per Govt. rules.			

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Director  
Centre for Advanced Research in Sciences (CARS)  
University of Dhaka.

## Section 6. Schedule of Requirements

This Section provides the List of Goods and Delivery Schedule and List of Related Services and Completion Schedule and must be carefully prepared by a Procuring Entity for each object of procurement.

Invitation for Tender No :

Date :

Tender Package No :

### A. List of Goods & Related services and Delivery Schedule

Item No.	Description of Item	Unit of Measurement	Quantity	Point of Delivery	Delivery Period Required
1	2	3	4	5	6
Equipment		No's	5 No's	CARS	90 days from the date of issuance a Purchase order.
1	<b>Biosafety Cabinet-II</b>	Bio safety Cabinets Class II with following specifications :		No's	1
		Type	: Class II, Type A2		
		Airflow Circulation	: 220/50		
		Main Filter Typical Efficiency	: ULPA,99.9995@0.12um		
		Exhaust Filter Typical Efficiency	: ULPA,99.9995@0.12um		
		Down flow Velocity	: 0.34 m/s		
		Inflow Velocity	: 0.55 m/s		
		Fluorescent Lamp Intensity	: 900 Lux		
		Minimum Internal Dimensions	: 48.1 x 24.4 x 25.6 (W x D x H) inch		
		Supporter	: 75mm adjustable height		
		Sound and Flash Certificate	: SFDA EN12469 CE		
		Power supply	: 220VAC, 50Hz		
		Warranty	: 2 yrs.		
		Country of Origin	: USA/UK/EU/Japan or equivalent		
2	<b>PCR Cabinet</b>	POLYMERASE CHAIN REACTION (PCR) Cabinet with following specifications:		No's	1
		Lamp	: 3 UV germicidal lamps		
		Front glass	: ≥ 4mm tempered glass		
		Timer	: Multifunction digital timer		

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		Safety protection : Door opening safety, worktop with safety glass Minimum Internal dimensions : 550 x 600 x 606 mm (W x D x H) Power supply : 220VAC, 50Hz Warranty : 2 yrs Country of Origin : USA/UK/EU/Japan or equivalent		
3	<b>Mini plate spinner</b>	<b>Mini plate spinner</b> with following specifications: Capacity : 4 PCR plates Rotor Speed : 2,500 rpm Rotor : Fixed angle Power supply : 220VAC, 50Hz Warranty : 2 yrs. Country of Origin : USA/UK/EU/Japan or equivalent	No's	1
4	<b>High Temperature Incubator</b>	<b>Microprocessor control High temperature Incubator</b> with following specifications: Capacity : ≥60L Temperature Range : Ambient +5 - 75°C Display Resolution : 0.1°C Temp. Stability : ±1°C Minimum Interior Dimension : 354 x 368 x 508 (W x D x H) mm Shelves : 2(pcs) Other Features : Interior with Flexible shelving system with different positions to optimize chamber space inner glass door, etc Power supply : 220VAC, 50Hz Warranty : 2 yrs. Country of Origin : USA/UK/EU/Taiwan/Japan or equivalent	No's	1
5	<b>Sonicator</b>	<b>Ultrasonic Cleaner</b> with following specifications : Capacity : 3L Ultrasonic frequency : 40KHz Temp. range : 20°C~80°C Time range : 1-99 min Minimum Tank size : 240 x 135 x 100 (L x W x H) Power supply : 220VAC, 50Hz Warranty : 2 yrs. Country of Origin : USA/UK/EU/Japan or equivalent	No's	1



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**Warranty :** 2 years from the date of installation. Installation and training must be provided by the supplier (free of cost).

## Section 7. Technical Specifications.

Sl. No.	Item name	Technical Specification	Pack size	Qty.
1	<b>Biosafety Cabinet-II</b>	<b>Bio safety Cabinets Class II</b> with following specifications :  Type : Class II, Type A2 Airflow Circulation : 220/50 Main Filter Typical : ULPA,99.9995@0.12um Efficiency : Exhaust Filter Typical : ULPA,99.9995@0.12um Efficiency : Down flow Velocity : 0.34 m/s Inflow Velocity : 0.55 m/s Fluorescent Lamp Intensity : 900 Lux Minimum Internal Dimensions : 48.1 x 24.4 x 25.6 (W x D x H) inch Supporter : 75mm adjustable height Sound and Flash : SFDA EN12469 CE Certificate : Power supply : 220VAC, 50Hz Warranty : 2 yrs. Country of Origin : USA/UK/EU/Japan or equivalent	No's	1
2	<b>PCR Cabinet</b>	<b>POLYMERASE CHAIN REACTION (PCR) Cabinet</b> with following specifications:  Lamp : 3 UV germicidal lamps Front glass : ≥ 4mm tempered glass Timer : Multifunction digital timer Safety protection : Door opening safety, worktop with safety glass  Minimum Internal dimensions : 550 x 600 x 606 mm (W x D x H) Power supply : 220VAC, 50Hz Warranty : 2 yrs Country of Origin : USA/UK/EU/Japan or equivalent	No's	1
3	<b>Mini plate spinner</b>	<b>Mini plate spinner</b> with following specifications:  Capacity : 4 PCR plates Rotor Speed : 2,500 rpm	No's	1

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		Rotor : Fixed angle Power supply : 220VAC, 50Hz Warranty : 2 yrs. Country of Origin : USA/UK/EU/Japan or equivalent		
4	<b>High Temperature Incubator</b>	<b>Microprocessor control High temperature Incubator</b> with following specifications:  Capacity : ≥60L Temperature Range : Ambient +5 - 75°C  Display Resolution : 0.1°C Temp. Stability : ±1°C Minimum Interior Dimension : 354 x 368 x 508 (W x D x H) mm Shelves : 2(pcs) Other Features : Interior with Flexible shelving system with different positions to optimize chamber space inner glass door, etc  Power supply : 220VAC, 50Hz Warranty : 2 yrs. Country of Origin : USA/UK/EU/Taiwan/Japan or equivalent	No's	1
5	<b>Sonicator</b>	<b>Ultrasonic Cleaner</b> with following specifications :  Capacity : 3L Ultrasonic frequency : 40KHz Temp. range : 20°C~80°C Time range : 1-99 min Minimum Tank size : 240 x 135 x 100 (L x W x H)  Power supply : 220VAC, 50Hz Warranty : 2 yrs. Country of Origin : USA/UK/EU/Japan or equivalent	No's	1

**Warranty : 2 years** from the date of installation. Installation and training must be provided by the supplier (free of cost).