



Centre for Advanced Research in Sciences (CARS)  
University of Dhaka  
Dhaka 1000

**Invitation for Tender (National)**

Ref No. CARS/ST/P-211/RB/OTM-1/2016-2017.

Date: 30

-08-16

**Sealed Tenders are hereby invited from reputed supplier for the Supply, Installation, Testing and Commissioning of Microplate Elisa Reader and Computer for Drug Analysis and Research 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, University of Dhaka.	
4.	Procuring Entity Code	Not used	
5.	Procuring Entity District	Dhaka	
6.	Invitation for	Goods	
7.	Invitation Ref No.	Ref No. CARS/ST/P-211/RB/OTM-1/2016-2017.	
8.	Date	30/08/2016	
<b>KEY INFORMATION</b>			
9.	Procurement Method	Open Tendering Method	
<b>FUNDING INFORMATION</b>			
10.	Budget and Source of Funds	Revenue Budget (RB)	
11.	Development Partner (if applicable)		
<b>PARTICULAR INFORMATION</b>			
12.	Project/Programme Code (if applicable)	Not used	
13.	Project/Programme Name (if applicable)	Not Applicable	
14.	Tender Package No.	As mentioned in clause 26	
15.	Tender Package Name	Supply, Installation, Testing and Commissioning of <b>Microplate Elisa Reader and Computer</b> for Drug Analysis and Research Laboratory at the CARS, University of Dhaka.	
16.	Tender Publication Date	30/08/2016	
17.	Tender Last Selling Date	26/09/2016 up to office hours	
18.	Tender Closing Date and Time	<b>Date:</b>	<b>Time:</b>
		27/09/2016	12:00 Noon
19.	Tender Opening Date and Time	27/09/2016	12:30 pm
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, University of Dhaka.	
	-Receiving Tender Document	(i) Centre for Advanced Research in Sciences, University of Dhaka.	
	-Opening Tender Document	Centre for Advanced Research in Sciences, University of Dhaka.	
21.	Place/Date/Time of Pre-Tender Meeting	<b>Name/Address</b>	<b>Date:</b>
<b>INFORMATION FOR TENDERER</b>			
22.	Eligibility of Tenderer	(i) Up to date Trade License (ii) VAT Registration Certificate (iii) Up to date Income Tax Clearance Certificate (iv) Experience Certificate in similar works of comparable value in a single tender in last five years as mentioned in TDS (v) Bank solvency Certificate as mentioned in TDS (vi) Competency certificate of after sale service as mentioned in the TDS (vii) Manufacturer Authorization.	
23.	Brief Description of Goods	Supply, Installation, Testing and Commissioning of <b>Microplate Elisa Reader and Computer</b> for Drug Analysis and Research Laboratory at the CARS, University of Dhaka.	
24.	Brief Description of Related Services	Installation & Commissioning.	
25.	Tender Document Price -1,500.00	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>Item-01 – Microplate Elisa Reader.</b>	Centre for Advanced Research in Sciences (CARS), University of Dhaka.	<b>7,000.00</b>	90 days from the date of issuance of Purchase order.
	<b>Item -02- Computer.</b>		<b>2,900.00</b>	
<b>PROCURING ENTITY DETAILS</b>				
27.	Name of Official Inviting Tender	Prof. Dr. Golam Mohammed Bhuiyan		
28.	Designation of Official Inviting Tender	Director		
29.	Address of Official Inviting Tender	Centre for Advanced Research in Sciences, University of Dhaka.		
30.	Contact details of Official Inviting Tender	9661900/Ext. 4616/ 4636/4639.		
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 and/or decrease the quantity of any item/items from the Tender. The suppliers must abide by the decision of the University authority. Tender form, schedule of items of supply, tender notice and terms and conditions etc. will form the integral part of the tender. The suppliers should write the name of the Item and the name of their firm on the envelope clearly. Vat, Income Tax and other Taxes, if any, imposed by the Govt. will be deducted from their bills as per Govt. rules.			

**Director**

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

## Section 6. Schedule of Requirements

Invitation for Tender No:

Date

Tender Package No:

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

*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.*

Item No.	Description of Item	Unit of Measurement	Quantity	Point of Delivery	Delivery Period Required (from date of contract signature in weeks)
1	2	3	4	5	6
<b>Item-1: Microplate Elisa Reader.</b>					

01	<p>Extensive onboard data analysis .  Multiple curve fitting with 4 parameter, cubic, quadratic, linear, 2-P, cubic spline and point to point methods.  Onboard Assay and control validation facility.  Onboard Data transformation facility.  Onboard cutoff and call criteria facility.  Onboard Multiple plate formats facility.</p> <p>Technical Specification:  Micro plate Type : 96- well plate.  Reading Modes : Endpoint, kinetic  Wavelength Range : 400 – 900 nm  Filter included : 405 nm, 450 nm, 490 nm, 630 nm plus 1 blank position.  Filter wheel capacity : 5  Dynamic Range : 0 to 3.0 OD  Band pass : 10 nm  Reading Channels : 1  Reading Speed Rapid Mode: 96 wells : 30 sec  Single wavelength Lamp : Tungsten Halogen Lamp  OD Accuracy : &lt; 1% at 2 OD  OD Linearity : &lt; 3 % at 3 OD  OD Repeatability : &lt; 0.5 % at 2 OD  Resolution : 0.001 OD  Warranty : 2 years full warranty.  Origin : Canada/uk/usa/eu/Japan /China/equivalent.</p>	no's	01	CARS DU	90 days from the date of issuance PO.
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02	<p><b><u>Item-2- Computer.</u></b></p> <p><b><u>Specification : Any Brand PC :</u></b></p> <p>Processor : 6<sup>th</sup> Generation Corei7, (3.40 GHz, 8 MB)</p> <p>Mother Board : Any branded motherboard.</p> <p>System Memory : 8 GB ,DDR3/4, 1600/2400 MHz Bus</p> <p>Hard Drives :1 TB 7200 RPM SATA Hard Drive.</p> <p>Key Board : USB Type.</p> <p>Mouse : USB Optical Mouse.</p> <p>Graphics : HD Graphics card.</p> <p>Casing : Casing.</p> <p>Monitor : Full HD LED Monitor (Size-22").</p> <p>Optical Drive : 16X DVD+/_ RW Drive.</p> <p>NIC Card : Integrated LAN- ON- Motherboard</p> <p>Audio : Integrated High Definition Audio Code.</p> <p>System Power Cord : System Power Cord.</p> <p>Power Supply : Standard 290W PSU.</p> <p>Monitor Power Cord : Monitor Power Cord.</p> <p>License : Genuine Windows License, windows 10 professional.</p> <p>Graphics : 2 GB Graphics Card.</p> <p>Antivirus: With Installed Antivirus.</p> <p>Warranty : 3 Years full warranty.</p> <p>Origin : Canada/uk/usa/eu/Japan /equivalent.</p>	no's	01		
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# Section 7. Technical Specifications

The Goods and Related Services shall comply with following Technical Specifications:

Item No	Name of Item or Related Service	Technical Specification and Standards
1	2	3
<b>Item-1: Microplate Elisa Reader</b>		
01	<p>Extensive onboard data analysis .            Multiple curve fitting with 4 parameter, cubic, quadratic, linear, 2-P, cubic spline and point to point methods.            Onboard Assay and control validation facility.            Onboard Data transformation facility.            Onboard cutoff and call criteria facility.            Onboard Multiple plate formats facility.</p> <p>Technical Specification:            Micro plate Type : 96- well plate.            Reading Modes : Endpoint, kinetic            Wavelength Range : 400 – 900 nm            Filter included : 405 nm, 450 nm, 490 nm, 630 nm plus 1 blank position.            Filter wheel capacity : 5            Dynamic Range : 0 to 3.0 OD            Band pass : 10 nm            Reading Channels : 1            Reading Speed Rapid Mode: 96 wells : 30 sec            Single wavelength Lamp : Tungsten Halogen Lamp            OD Accuracy : &lt; 1% at 2 OD            OD Linearity : &lt; 3 % at 3 OD            OD Repeatability : &lt; 0.5 % at 2 OD            Resolution : 0.001 OD            Warranty : 2 years full warranty.            Origin : Canada/uk/usa/eu/Japan /China/equivalent.</p>	

02	<p><b><u>Item-2: Computer.</u></b></p> <p><u>Specification :</u>  <b>Any Brand PC :</b></p> <p>Processor : 6<sup>th</sup> Generation Corei7, (3.40 GHz, 8 MB)  Mother Board : Any branded motherboard.  System Memory : 8 GB ,DDR3/4, 1600/2400 MHz Bus  Hard Drives :1 TB 7200 RPM SATA Hard Drive.  Key Board : USB Type.  Mouse : USB Optical Mouse.  Graphics : HD Graphics card.  Casing : Casing.  Monitor : Full HD LED Monitor (Size-22").  Optical Drive : 16X DVD+/_ RW Drive.  NIC Card : Integrated LAN- ON- Motherboard  Audio : Integrated High Definition Audio Code.  System Power Cord : System Power Cord.  Power Supply : Standard 290W PSU.  Monitor Power Cord : Monitor Power Cord.  License : Genuine Windows License, windows 10 professional.  Graphics : 2 GB Graphics Card.  Antivirus: With Installed Antivirus.  Warranty : 3 Years full warranty.  Origin : Canada/uk/usa/eu/Japan /equivalent.</p>	
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