



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

Invitation for Tender (National)

Ref No. CARS/ST/P-254/OTM/MSRL & AQRML/RB/17-18.

Date : ২৬-১২-১৪২৪ বঙ্গাব্দ
09-04-2018 খ্রিষ্টাব্দ

Sealed Tenders are hereby invited from reputed supplier for Supply, Installation, Testing and Commissioning of Chemicals and Equipment for the Materials Science Research Laboratory (MSRL) and Air Quality Research and Monitoring Laboratory (AQRML) 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	Research based : Chemicals and Equipment	
7.	Invitation Ref No.	CARS/ST/P-254/OTM/MSRL&AQRML/RB/17-18	
8.	Date :	09-04-2018 খ্রিষ্টাব্দ	
KEY INFORMATION			
9.	Procurement Method	Open Tendering Method	
FUNDING INFORMATION			
10.	Budget and Source of Funds	Revenue Budget (RB)	
11.	Development Partner (if applicable)	N/A	
PARTICULAR INFORMATION			
12.	Project/Programme Code (if applicable)	Not used	
13.	Project/Programme Name (if applicable)	Not Applicable	
14.	Tender Package No.	Lot Wise	
15.	Tender Package Name	Supply, Installation, Testing and Commissioning of Chemicals and Equipment for the Materials Science Research Laboratory (MSRL) and Air Quality Research and Monitoring Laboratory (AQRML).	
16.	Tender Publication Date	09-04-2018 খ্রিষ্টাব্দ	
17.	Tender Last Selling Date	29-04-2018 খ্রিষ্টাব্দ Up to office hours	
18.	Tender Closing Date and Time	Date :	Time:
		30-04-2018 খ্রিষ্টাব্দ	12:00 Noon
19.	Tender Opening Date and Time	30-04-2018 খ্রিষ্টাব্দ	12:30 pm

20.	Name & Address of the Office(s)	Address(s)			
	-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	Name/Address	Date: Time		
INFORMATION FOR TENDERER					
22.	Eligibility of Tenderer	(i) Trade License (ii) VAT Registration Certificate (iii) Income Tax Clearance Certificate (iv) Experience Certificate in similar supply 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) Manufacturer Authorization for suitable Lot or Item only. (vii) Applicant must be owner of the firm or Representative of the firm will be authorized by the owner of the Firm with seal of the owner.			
23.	Brief Description of Goods	Supply, Installation, Testing and Commissioning of Chemicals and Equipment for the Materials Science Research Laboratory (MSRL) and Air Quality Research and Monitoring Laboratory (AQRML).			
24.	Brief Description of Related Services	Supply, Installation, Testing and Commissioning of Chemicals and Equipment for the Materials Science Research Laboratory (MSRL) and Air Quality Research and Monitoring Laboratory (AQRML).			
25.	Tender Document Price TK.-3,000.00	The Price of Tender Schedule as mentioned is to be deposited in A/C No. 36000392 -Janata Bank, T.S.C branch, Dhaka University . 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.	Identification/Name of Equipment	Location	Tender Security Amount in Taka Completion Time		
	" Chemicals and Equipment "	CARS, DU.	Lot- 1 : Chemicals	2,500.00	90 days from the date of issuance of Purchase order
			Lot- 2 : Equipment	17,500.00	
			Lot- 3 : Equipment	4,200.00	
PROCURING ENTITY DETAILS					
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 (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 and/or decrease the quantity of any Lot/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 Lot and Lot No and the name of the 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.				

স্বাক্ষরিত/-

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
Lot-1 : Chemicals (MSRL)					
01	Potassium thiocyanate BioXtra, ≥99.0%	250g	1	CARS, DU	90 days from the date of issuance a purchase order.
02	Triphenylphosphine ReagentPlus®, 99%	25g	1		
03	Dipropylamine, 99%	500ml	1		
04	Chromium (III) acetate hydroxide	250g	1		
05	Aluminum hydroxide hydrate Linear Formula Al(OH) ₃ · xH ₂ O Molecular Weight 78.00 (anhydrous basis)	500g	1		
06	Cyclohexene inhibitor-free, ReagentPlus®, 99%	100ml	1		
07	Styrene ReagentPlus®, contains 4- tertbutylcatechol as stabilizer, ≥99% storage temp. 2-8°C	100ml	1		
08	Cyclohexene oxide, 98%	25ml	1		
09	Styrene oxide, 97%	5g	1		
Lot- 2 : Equipment (MSRL)					
01	Vacuum Oven. • Stainless steel inner chamber with cold rolling steel electrostatic spraying exterior • Double-layer tempered glass anti-bullet door with high permissibility • Microcomputer PID temperature	No's	1		

	<p>controller with function of timer function</p> <ul style="list-style-type: none"> • Over-temperature protection <p>Specification :</p> <p>Capacity 24.3 L</p> <p>Temp. Range RT+10-250°C</p> <p>Temp. Accuracy ±1°C</p> <p>Temp. Fluctuation ±1°C</p> <p>Temp. Uniformity ±1°C</p> <p>Temp. Resolution ±0.1°C</p> <p>Vacuum Degree < 133 Pa</p> <p>Timer Range 1-9999 min</p> <p>Shelves 2</p> <p>Load per Shelf 15 kg</p> <p>Inner Dimension 300x300x270 mm</p> <p>Overall Dimension 480x480x605 mm</p> <p>Power 800 W</p> <p>Power Supply 220V, 50Hz</p> <p>Weight (Net/Gross) 42/52 kg</p>				
02	<p>Drying Oven.</p> <ul style="list-style-type: none"> • Stainless steel inner chamber with cold rolling steel electrostatic spraying exterior • Semicircular arcs at corners for easy cleaning • Wide hollow tempered glass observation window • Adjustable air-tight buckle lock and silicone rubber seal ensures tight sealing and prevents heat loss • Easy to assemble and disassemble air duct lateral plate and bottom heater cover • Air blower-heater and vertical hot air circulation system ensures temperature uniformity • Microcomputer PID intelligent temperature controller with LCD display • Over temperature protection and timing function <p>Specification :</p> <p>Capacity 65 L</p> <p>Temp. Range RT+10-300°C</p> <p>Temp. Accuracy ±1°C</p> <p>Temp. Fluctuation ±1°C</p> <p>Temp. Uniformity ±1°C</p> <p>Temp. Resolution ±0.1°C</p> <p>Timer Range 1-9999 min</p> <p>Shelves 2</p> <p>Load per Shelf 15 kg</p> <p>Inner Dimension 400x360x450 mm</p> <p>Overall Dimension 540x540x830 mm</p> <p>Power 1600 W</p> <p>Power Supply 220V, 50Hz</p>	No's	1		

	Weight (Net/Gross) 44/54 kg				
03	3 KVA Online UPS, Backup : Minimum 15 Minutes Warranty : 12 Months	No's	1		
Lot- 3 : Equipment (AQRML)		No's	05		
01	Personal Sampler. <u>Specification:</u> Flow Rate: 0.5 – 3.0 LPM. Filter: 37 mm dia. Filter Discs (Whatman GF/A grade) Batteries: Ni –Cd. rechargeable Operation Time: minimum 8 hrs. on fully charged batteries Cyclone: Brass with teflon filter holder; cutoff at 5 micron	No's	1		

Country of Origin : USA/UK/EU/Germany/Japan/Australia/Canada/Equivalent.

Warranty :

Chemicals : 12 Months from the date of delivery.

N.B : Expiry date is needed at least 12 months from the date of delivery.

Equipment : 24 Months from the date of installation.