



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

Invitation for Tender (National)

Ref No. CARS/ST/P-223/OTM/EACRL/RB/16-17.

Date : ০৯-০২-১৪২৪ বঙ্গাব্দ
23-05-2017 খ্রিষ্টাব্দ

Sealed Tenders are hereby invited from reputed supplier for Supply and Testing of Chemicals and Consumables for the Environmental and Analytical Chemistry Research Laboratory (EACRL) at the Centre for Advanced Research in Sciences (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 Consumables.	
7.	Invitation Ref No.	Ref. No. & Date: CARS/ST/P-223/OTM/EACRL/RB/16-17, Date: ০৯-০২-১৪২৪ বঙ্গাব্দ/ 23-05-2017 খ্রিষ্টাব্দ	
8.	Date :	০৯-০২-১৪২৪ বঙ্গাব্দ 23-05-2017 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.	As mentioned in clause 26	
15.	Tender Package Name	Supply and Testing of Chemicals and Consumables for the Environmental and Analytical Chemistry Research Laboratory (EACRL) at the CARS, D.U.	
16.	Tender Publication Date	০৯-০২-১৪২৪ বঙ্গাব্দ 23-05-2017 খ্রিষ্টাব্দ	
17.	Tender Last Selling Date	২৮-০২-১৪২৪ বঙ্গাব্দ Up to office hours. 11-06-2017 খ্রিষ্টাব্দ	
18.	Tender Closing Date and Time	Date :	Time:
		২৯-০২-১৪২৪ বঙ্গাব্দ 12-06-2017 খ্রিষ্টাব্দ	12:00 Noon
19.	Tender Opening Date and Time	২৯-০২-১৪২৪ বঙ্গাব্দ 12-06-2017 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) Competency certificate of after sale service as mentioned in the TDS (vii) Manufacturer Authorization for suitable Lot or Item only. (viii) 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 and Testing of Chemicals and Consumables for the Environmental and Analytical Chemistry Research Laboratory (EACRL) at the CARS, D.U.		
24.	Brief Description of Related Services	Supply and Testing of Chemicals and Consumables.		
25.	Tender Document Price TK.-2,000.00	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	
	Supply and Testing of Chemicals and Consumables.	CARS, DU.	Lot-1 : Chemicals. 3,800.00	90 days from the date of issuance of Purchase order
			Lot-2 : Consumables. 5,600.00	
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.			

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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
Lot-1 : Chemicals.				CARS, DU	90 days from the date of issuance a purchase order.
01	DTPA (Diethylene Triamine Penta Acetic Acid)	100 g	1		
02	Nitric Acid (HNO ₃)-65 %	2.5 L	2		
03	Hydrogen Per Oxide (H ₂ O ₂)	1 L	1		
04	Hydrochloric Acid-37 %	2.5L	1		
05	Glycerol	1 L	1		
06	Acetone (HPLC Grade)	2.5 L	2		
07	Tungstic acid	100 g	1		
08	Rubidium carbonate	25g	1		
09	Ammonium Nitrate	100 g	1		
10	KBr (FT-IR grade)	100 g	1		
11	Acetone (HPLC Grade)	2.5 L	1		
12	Methanol	2.5 L	2		
13	Acetonitrile	2.5 L	3		
Lot-2 : Consumables.					
01	Weighing paper	Rolls	3		
02	Micro Pipette, 1 ml	No's	1		
03	Disposable syringe, 5 ml, 1 Pack=100	Pack	5		
04	0.45 um nylon membrane filter, size: 47 mm 1 box=100 filter	Box	1		

05	Portable Turbidity Meter. <u>Specifications</u> Range : 0.00 to 1000 FTU Resolution : 0.01 (0.00 to 50.00 FTU); 1 (50 to 1000 FTU) Accuracy : ±0.5 FTU or ±5% of reading (whichever is greater) Calibration : Three points (0 FTU, 10 FTU and 500 FTU) Light Detector : Silicon photocell Light Source / Life : Infrared LED Battery Type / Life : 1.5V AA (4) /approximately 60 hours of continuous use or 900 measurements; auto-off after 5 minutes of non-use Environment : 0 to 50°C (32 to 122°F); RH max 95% (non condensing) Dimensions : 220 x 82 x 66 mm (8.7 x 3.2 x 2.6")	No's	1		
06	Burette(glass made) with stand	No's	2		
07	White tips (5 ml)	Pack	1		
08	Blue Tips(1ml), 1 Pack=500	Pack	4		
09	Yellow Tips (0.5ml), 1 Pack=500	Pack	3		
10	Porcline crucible (30-50 ml)	No's	5		
11	Beaker (150 & 250 ml)	No's	6+6		
12	Measuring Cylinder (10 ml)	No's	5		
13	Pipette Filler	No's	5		
14	Tip Box (Blue&Yellow)	No's	4		

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
»	CARS	Supplier
Lot-1 : Chemicals.		
01	DTPA (Diethylene Triamine Penta Acetic Acid)	
02	Nitric Acid (HNO ₃)-65 %	
03	Hydrogen Per Oxide (H ₂ O ₂)	
04	Hydrochloric Acid-37 %	
05	Glycerol	
06	Acetone (HPLC Grade)	

07	Tungstic acid	
08	Rubidium carbonate	
09	Ammonium Nitrate	
10	KBr (FT-IR grade)	
11	Acetone (HPLC Grade)	
12	Methanol	
13	Acetonitrile	
Lot-2 : Consumables.		
01	Weighing paper	
02	Micro Pipette, 1 ml	
03	Disposable syringe, 5 ml, 1 Pack=100	
04	0.45 um nylon membrane filter, size: 47 mm 1 box=100 filter	
05	<p>Portable Turbidity Meter.</p> <p>Specifications</p> <p>Range : 0.00 to 1000 FTU</p> <p>Resolution : 0.01 (0.00 to 50.00 FTU); 1 (50 to 1000 FTU)</p> <p>Accuracy : ±0.5 FTU or ±5% of reading (whichever is greater)</p> <p>Calibration : Three points (0 FTU, 10 FTU and 500 FTU)</p> <p>Light Detector : Silicon photocell</p> <p>Light Source / Life : Infrared LED</p> <p>Battery Type / Life : 1.5V AA (4) /approximately 60 hours of continuous use or 900 measurements; auto-off after 5 minutes of non-use</p> <p>Environment : 0 to 50°C (32 to 122°F); RH max 95% (non condensing)</p> <p>Dimensions : 220 x 82 x 66 mm (8.7 x 3.2 x 2.6")</p>	
06	Burette(glass made) with stand	
07	White tips (5 ml)	
08	Blue Tips(1ml), 1 Pack=500	
09	Yellow Tips (0.5ml), 1 Pack=500	
10	Porcline crucible (30-50 ml)	
11	Beaker (150 & 250 ml)	
12	Measuring Cylinder (10 ml)	
13	Pipette Filler	
14	Tip Box (Blue&Yellow)	