25-7-14

SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY

CONTRACT EVALUATION FORM

TO BE FILLED IN BY ALL PROCURING AGENCIES FOR PUBLIC CONTRACTS OF WORKS, SERVICES & GOODS

1)	NAME OF THE ORGANIZATION / DEPTT,	for Chemical and Biological Sciences, University of Karachi.
2)	PROVINCIAL / LOCAL GOVT / OTHER	Semi-government; autonomous body
3)	TITLE OF CONTRACT	Purchase/import of chemicals and enzymes
4)	TENDER NUMBER	TWC-BIOASSAY-010414
5)	BRIEF DESCRIPTION OF CONTRACT	Purchase/import of chemicals and enzymes for research wo
6)	FORUM THAT APPROVED THE SCHEME	Director, I.C.C.B.S.
7)	TENDER ESTIMATED VALUE	Below Rs. 1.0 million
8)	ENGINEER'S ESTIMATE (For civil works only)	<u>N.A.</u>
9)	ESTIMATED COMPLETION PERIOD (AS F	PER CONTRACT) N.A.
10)	TENDER OPENED ON (DATE & TIME)	3.00 P.M. on 01-04-2014
11)	NUMBER OF TENDER DOCUMENTS SOLI (Attach list of buyers)	D Five
12)	NUMBER OF BIDS RECEIVED	Five
13)	NUMBER OF BIDDERS PRESENT AT THE	TIME OF OPENING OF BIDS Three
14)	BID EVALUATION REPORT (Enclose a copy)	Published by you on 15-07-2014 at Sr. No. 4791 ID 1231/2
15)	NAME AND ADDRESS OF THE SUCCESSI	FUL BIDDER KHB (LHR) DJ Scientif, Diagnostic System (K
16)	CONTRACT AWARD PRICE	Rs. 63,500/- 41,900/- and 4,400/-
17)	RANKING OF SUCCESSFUL BIDDER IN E (i.e. 1st, 2nd, 3rd EVALUATION BID).	EVALUATION REPORT
		1st evaluated lowest
18)	METHOD OF PROCUREMENT USED : - (T	ick one)
	a) SINGLE STAGE – ONE ENVELOPE	E PROCEDURE Domestic/ Local
	b) SINGLE STAGE – TWO ENVELOP	PE PROCEDURE
	c) TWO STAGE BIDDING PROCEDU	PRE
	d) TWO STAGE – TWO ENVELOPE E	BIDDING PROCEDURE
	PLEASE SPECIFY IF ANY OTHER EMERGENCY, DIRECT CONTRACTIN	R METHOD OF PROCUREMENT WAS ADOPTED IN

		Director, I.C.C.B.S.
19) APPR	ROVING AUTHORITY FOR AWARD OF CO	NTRACT
20) WHE	THER THE PROCUREMENT WAS INCLUDE	ED IN ANNUAL PROCUREMENT PLAN? Yes V No
21) ADV	ERTISEMENT:	
i)	SPPRA Website	Yes Serial No. 19337
	(If yes, give date and SPPRA Identification I	No.)
::5	Niver Damen	140
ii)	News Papers (If yes, give names of newspapers and dates)	Yes
		No NO
22) NATU	URE OF CONTRACT	Domestic/ Local Int.
23) WHE	THER QUALIFICATION CRITERIA INCLUDED IN BIDDING / TENDER 100C IN	MENTS?
	s, enclose a copy)	Yes No 7
	THER BID EVALUATION CRITERIA INCLUDED IN BIDDING / TENDER DOCUM	Yes No V
(If yes	s, enclose a copy)	
25) WHE METI	THER APPROVAL OF COMPETENT AUTHO HOD OTHER THAN OPEN COMPETITIVE B	DRITY WAS OBTAINED FOR USING A IDDING? Yes No V
26) WAS	BID SECURITY OBTAINED FROM ALL TH	E BIDDERS? Yes V No
	THER THE SUCCESSFUL BID WAS LOWES BEST EVALUATED BID (in case of Consultar	
	THER THE SUCCESSFUL BIDDER WAS TE PLIANT?	CHNICALLY Yes V No
	THER NAMES OF THE BIDDERS AND THE TIME OF OPENING OF BIDS?	EIR QUOTED PRICES WERE READ OUT AT Yes No No
	THER EVALUATION REPORT GIVEN TRACT?	TO BIDDERS BEFORE THE AWARD OF
(Attac	ch copy of the bid evaluation report)	Yes No 🗸

	31) ANY COMPLAINTS RECEIVED	Yes	
	(If yes, result thercof)		
		No	NO
	32) ANY DEVIATION FROM SPECIFICATIONS GIVEN IN	THE T	ENDER NOTICE / DOCUMENTS
	(If yes, give details)	Yes	
		No	NO
	22) WAS THE EVERYOON MADE IN DESPONSE THES		
	33) WAS THE EXTENSION MADE IN RESPONSE TIME? (If yes, give reasons)	Yes	
	(11 yes, give reasons)		
	and the same of th	<u> </u>	
		No	NO
	34) DEVIATION FROM QUALIFICATION CRITERIA		
	(If yes, give detailed reasons.)	Yes	
		No	NO
	35) WAS IT ASSURED BY THE PROCURING ACENCY	THAT	THE SELECTED FIRM IS NOT
	BLACK LISTED?		Ycs ✓ No
	36) WAS A VISIT MADE BY ANY OFFICER/OFFICIAL	PTHE	PROCURING AGENCY TO THE
	SUPPLIER'S PREMISES IN CONNECTION WITH THE	E PROC	UREMENT? IF SO, DETAILS TO
	BE ASCERTAINED REGARDING FINANCING OF WIS	NT, IF À	BROAD:
	(If yes, enclose a copy)	4	Yes No 🗸
	37) WERE PROPER SAFEGUARDS PROVIDED ON MQ	BILIZA	TION ADVANCE PAYMENT IN
	THE CONTRACT (BANK GUARANTEE ETC.)?	ચ્	Yes No 🗸
		•	165 1140 17
	38) SPECIAL CONDITIONS, IF ANY		
	(If yes, give Brief Description)	Yes	
	(No	NO
		_ ```	1.79
	The same of the sa		
Si	gnature & Official Stamp of		
	Authorized Officer Sr. Professor	· —	
	H.E.J. Research Insti	tute	
0	FFICE USE ONLY of Chemistry		
-	University of Karac	hi	

<u>SPPRA, Block. No.8, Sindh Secretariat No.4-A, Court Road, Karachi</u> Tele: 021-9205356; 021-9205369 & Fax: 021-9206291

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Phone (Purchase & Store): (92) 021-34819011 Fax (Purchase & Store) : (92) 021-99261789

Fax (Main Office)

: (92) 021-34819018, 34819019

E-mail: store@iccs.edu

: store.iccs@hotmail.com

THIRD WORLD CENTER FOR CHEMICAL SCIENCES

INTERNATIONAL CENTER FOR CHEMICAL AND BIOLOGICAL SCIENCES UNIVERSITY OF KARACHI, KARACHI-75270, PAKISTAN.

Tel UAN: 111-222-292, (92-21-34824901, 34824902, 34824930, 34824934, 34824936) Ext. 108, 109 154, 159

P.O. N	1332 PURCHASE ORDER/WORK O	ORDER		واماء الم
			Date:_	23 7 2014
Mess		+ax	NO. 340	772349
uel; i	our quotation No. 0/5/Twccs/001/04/2014 Twc-F	510assay-010	기년 Dated:	1/4/2014
	• (10/2. M. 74)	and the	ondhasy
	supply the following articles to the institute.	Atia-tul-	- سلملت 	ъ.
S. No.	PARTICULARS	QUANTITY	RATE	AMOUNT Rs. Ps.
	Sulpanite acid. GR for analysis Acs Reag. Cat No. 1.00686.0100. Mesck Germany.	1009	4,400/2 (100g)	4,400/-
	E. & O. E.	TOTEL	ALA	4400/2
Rupecs	Fair thousand four hundred	On \ 337.	The same	<u></u>
riease N eceipt of	ibmit your bill in duplicate for payment. ote: Kindly supply the goods withindays/weeks from the d this P.O., if you fail to supply the goods within given time period, a per per day on the total order amount will be imposed.		chi-32) E E E E E E E E E E E E E E E E E E	FORFICER

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Tel UAN: 111-222-292, (92-21-34824901, 34824902, 34824930, 34824934, 34824936) Ext. 108, 109 154, 159

PΩ	No 1333 PURCHASE ORDER/WORK	ORDER		
-	140	·	Date:_	23 7 2014
Mes	sis: DJ Scientific.	Fax. #	34964=	142.
Ref:	Your quotation No. DJSC1/2013-14/TEN/071/Tu	x Tuc Bion	assay Dated:	01/04/2014
Subj	ect: Supply of Chemical for Pro	J. M. Inbo	I Chou	dhaxy &
Plea	se supply the following articles to the institute.	- tul - w	alab.	0
S. No	PARTICULARS	QUANTITY	RATE	AMOUNT Rs. Ps.
01,	Naphthylethylemediamina	259	11,200/-	
ĺ	dityoloochlooide monomethendote.		(259)	
	Cat No. NOS77 TCI Japan.			
2,	Phenol		!	
	Cat No. PIGIO TCI Japan.	259	4800/- (25g)	4,800/=
P3,	Acasbose Hydrate.			
	Cat No. AZ485 TCI Japan.	019	17,50g (19)	17,500/.
Jou,	4-Nitrophenje Acetate.			
	Cat No. A0040 TCI Jagan.	25g	8,400/2 (25g)	8,400/2
	E. & O. E.	TOTAL	JEMICA A	1.800/+
(Rupees) Fosty One thousand Nine hu	adred of		el st
receipt o	ubmit your bill in duplicate for payment. lote: Kindly supply the goods within	date of enalty	Karachina Pak	23/7/1

Ple Ple rec @

POLITASE OFFICER

Phone (Purchase & Store): (92) 021-34819011 Fax (Purchase & Store) : (92) 021-99261789

Fax (Main Office)

: (92) 021-34819018, 34819019

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Tel UAN: 111-222-292, (92-21-34824901, 34824902, 34824930, 34824934, 34824936) Ext. 108, 109 154, 159

P.O.	No. 1334 PURCHASE ORDER/WORL	CORDER	ر داده	D - 1/.
	srs: KHB International.	Fox No	Date: 23 7	2014
Ref: \	Your quotation No. KHB-002-14 Ten Tuc Bioas	Sey - Olovi	22/3	5046
Subje	ect: Supply of Chemical DOS F	SOIT M TOL	Dated: 28 3	2014
Pleas	se supply the following articles to the institute.	ia-tul-u	in la la	^
S. No.				
<u>-</u>		QUANTITY	RATE AMDI	UNT Ps.
مام	Fernozine			
	cat No. 00342 Chemipex OSA	59	16,250/ 16,25	0/2
			(59)	
2.	Disodium et la sai : 1			
ار	Disodium ethylonediamine tetrace	250g	2,850/- 2,850	
	acid (Mrz EDTA) Product NO.40500012		(2509)	7
]	Bio world usp	•		
3,	Substrate Thymiclina	•		
	cat No. 00306 Chem. Impex USA.	109	11,500/. 11,500	/2
ĺ			109	
4,	Intitatos: T- Deazaxanthine		245	_ ,
	Product NO. FD11329 CMS Chemicals, UK.	13	27500/ 2450	9/-
	CMS Chemicals, UK.			
5,	Standard, C. Mic acid many by deal			
۱,	Standard: Gallic acid mono hydra	1009	8500/ 8500	,
	Cat No. 22939 Chemimpex USA.		ار مرد	
İ			/	
	E. & O. E.	TOTAL	63,600	/_
ipecs)	Sixty three thousand six hu		HEMICA/	1
ase si	ubmit your bill in duplicate for payment.	£§/	arachi-32	
ase M	ote: Kindly supply the goods within	dale of penalty	Pakistan / 2	3/2
.50%	this P.O., if you fail to supply the goods within given time period, a per day on the total order amount will be imposed.	penalty (2)		11/10

PURCH SE OFFICER

IN'	NATIONAL CENTER FOR (L SCIENCE	s (ICC	BS)
	~/3/1~ ☐ H.E	UNIVERSITY	OF KARACHI ∐PCMD [∐PRO	JECT		
Doc	ument Title: Purchase Requisition Fo					
	. No.: ICCBS/04/08-01	Rev. No.	01	Issue No.		1
	ion No	EB/27/TWO	143/13-14		Serial i	No.: 0257
			UISITION FOR	M State Control	Date	27/2/14
	quipments Chemicals	Glassware 🔲	Stationery	Computer & Accessories		General Items
The pr Prof./	SE (V) AT APPROPRIATE PLACE Orior approval is hereby requested for Dr./ Mr./ Ms. Prof. Dr. Mount required for the purchase of the Research Grant	the purchase of t	he stated items, w ૦૫૯માં No. 2	-131	Interco	m No. 307 ·
Sr. No.	ltem(s)	Specification	/ Description	Quantity		Instructions
1	Enzymes and its	Listalla	ehed			Tender
2	Chemicals					
3			/			
4			er Sylver Red Length			İ
5						
6						
7						
8						! :
9					\Rightarrow	
34,50				·		
Reques	sted By:	\bigcirc	1		<u>L</u>	
lame:	Alice	gnatura .	<u></u>	Pasamman	Fai	Zaw Finance Manager
Signat	The of the Supervisor					ra (Data & Sign)

Head of A/C.

Submitted for approval for the purchase of the above items. The payment of the above items may be made from the

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ENZYME INHIBITION CHEMICAL LIST

S. No.	Chemical Name	Company Name	Units/vial	Quantity			
1	XANTHINE OXIDASE INHIBITION	ON ASSAY		Λ			
	Enzyme : Xanthine Oxidase Bovine milk	Sigma Cat # X-4376	25 U	1 vial			
	Substrate: Xanthine	Sigma	-	10 g (1 vial)			
<u> </u>	Inhibitor: Allopurinol	Cat # X-0626 Sigma	-	S g (1 vial)			
2	IRON CHELATING ASSAY	Cat # A8003					
	Ferrous chloride (FeCl ₂ , 4H ₂ O)	Sigma Aldrich, USA Cat #372870	-	25 g (1 vial)			
	Ferrozine	Serva Electrophoresis GmbH ,Germany Cat # 21326	-	5 g (1 vial)			
	Disodium ethylenediamine tetraacetic acid (Na₂EDTA)	Sigma Aldrich, USA Cat # ES134	-	50 g (1 vial)			
3	NITRIC OXIDE RADICAL SCAVENGING ASSAY						
	Naphthylethylenediamine dihydrochloride	ICN Biomedicals, Germany Cat # 152549	•	25 g (1 vial)			
	Sulfanilic acid	ICN Biomedicals, Germany Cat # 102990	-	100 g (1 vial)			
	Sodium nitraprusside	Merck, Germany Cat # 2549480	-	50 g (1 vial)			
4	THYMIDINE PHOSPHORYLASE INHIBIOTION ASSAY						
	Enzyme: Thymidine	Sigma Aldrich, USA	900 U/5mL	-(1 vial)			
	phosphorylase (from E. coli)	Cat # T6632					
	Substrate: thymidine	Sigma Aldrich, U S A Cat # T-9250		10 g (1 vial)			
	Inhibitor: 7-Deazaxanthine	Santa Cruze Biotecnology Inc USA Sc-220800	-	500 mg (1vial)			
S	UREASE INHIBITION ASSAY						
	Enzyme: Urease Canavalia ensiformis (Jack bean)	Sigma Aldrich, USA Cat #U1500	200 KU	(1 vial)			
	Substrate: Urea		1 .				
	Inhibitor: Thiourea	<u> </u>		· † · · · · · · · · · · · · · · · · · ·			
	Sodium nitroprusside	Merck, Germany Cat #2549480		50g (1 vial)			
	Phenol	TCI Cat# P1610		25g (1 vial)			

	Sodiumhypochlorite	Scharlau		1litre		
	Sodium hydroxide	Cat # SO04361000 Uni-chem	-	1kg		
•		Cat # S41298-4J				
5	β-GLUCURONIDASE INHIBITIO	n r	ļ			
	Enzyme : β-Glucuronidase,	Sigma	25 KU ()	1 vial		
	from Escherichia coli	Cat # G7396				
	Substrate: 4-nitrophenyl-ß-d-	Sigma	-	250 mg (1 vial)		
	glucuronide	Cat # N1627				
	Inhibitor: D-saccharic acid	Sigma	-	1 g (1 vial) ' '		
	1,4-lactone	Cat # S-0375				
6	DPPH-RADICAL SCAVENGING	ASSAY				
	Standard: Gallic acid	Sigma cat#G-8647 '	-	100 g (1 vial)		
	DPPH	Sigma Aldrich	-	1 g (1 vial)		
		D9132-1G		:		
7	α-GLUCOSIDASE INHIBITION AS	SSAY		•		
	Enzyme : α-glucosidase	Sigma	750 U 1	1 vial		
	(Sacchromyces cerevisiae)	Cat # G-0660		•		
	Substrate: 4-NitroPhenyl α-D-	Sigma	-	1 g (1 vial)		
	glucopyranoside	Cat # GN1377				
	Inhibitor: Acarbose	Sigma	-	1 g (1 vial)		
	Time to the time t	Cat # A8980				
8	PEP INHIBITION ASSAY	040.1171,0000				
	Enzyme: Prolyl endopeptidase	Cat#E-1411,		1 vial		
		Flavobactrium SP.				
	Substrate: N-benzyloxy	Sigma, Cat#96286	<u> </u>	2 vials		
	carbonyl-gly-pro-pNa		; ! 			
	Inhibitor: Z-pro-prolinal	Sigma, Cat#SML0205		2 vials		
9	PHDSPHDDIESTEREASE INHIBIOTION ASSAY					
	Enzyme:	Sigma , Cat# p-4631		4 vials		
	Phosphodiesterease1	Type-V, crude dried				
	·	snake venom, broth				
	İ	atrox	,			
			į			
	Bis(p-nitrophenyl) Phosphate	Sigma, Cat#N-3002		2 g		
)	CARBONIC ANHYDRASE INHIBIO	OTION ASSAY	J			
			F -	1		
	Enzyme: Carbonic Anhydrase-	Sigma , Cat# c-3 9 34		2 vials		

4.

4-Nitrophenyl acetate MP-Bio, cat#160888 25 g		,	
4-Nitrophenyl acetate MP-Rio cat#160888 25 a			
4-Nitrophenyl acetate MP-Rio cat#160888 25 a			
i	 	,	

Bid Evaluation Report

1. Name of Procuring Agency: Third World Center for Chemical Sciences, International Center for
Chemical and Biological Sciences, University of Karachi, Karachi-75270.
2. Tender Reference No: _TWC-BIOASSAY-010414_
3. Tender Description/Name of work/item:Purchase/import of chemicals for research work
4. Method of Procurement: Single Stage – Single Envelope
5. Tender Published: SPPRA Serial No. 19337 Print & Electronic Media (SPPRA ID No. & News papers names with dates)
6. Total Bid documents Sold;Five
7. Total Bids Received:Five
8. Technical Bid Opening date: (if applicable)N.A (Provide details in separate form)
9. No. of Bid technically qualified (if applicable):N.A
10. Bid(s) Rejected: Nil
11. Financial Bid Opening date: 01-04-2014



12. Bid Evaluation Report:

S No	Name of Firm or Bidder	Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated cost	Reasons for acceptance/ rejection	Remarks
0	1	2	3	4	5	6
1.	KHB International	Rs. 272,000/- (16 items)	Lowest in 5 items	N.A.	Lowest and according to specs	Recommended for placement of order
2.	DJ Scientific	Rs. 935,329/- (27 items)	Lowest in 4 items	N.A.	Lowest and according to specs	Recommended for placement of order
3.	Diagnostic Systems	Rs. 356,275 (18 items)	Lowest in 1 item	N.A.	Lowest and according to specs	Recommended for placement of order
4.	Sure Bio Diagnostic & Pharma	Rs. 185,850/- (9 items)	Not lowest in any item	N.A.	Not lowest	Not recommended
5.	Friends Scientific Corporation	Rs. 511,900/- (19 items)	Not lowest in any item	N.A.	Not lowest	Not recommended

PURCHASE COMMITTEE, ICCBS INSTITUTIONS

1. PROF. DR. M. SHAIQ ALI Chairman (I.C.C.B.S)

2. Dr. M. Raza Shah Member (I.C.C.B.S)

3. Dr. Sonia Siddiqui

Member (I.C.C.B.S)

Members from Institution

1. Syed Jahanzaib

Member (I.B.A)

Members outside the Institution

2. Dr. Shaista Perveen

Member (NED University)

Signatures of the Members of the Committee

TECHNICAL COMMITTEE MINUTES OF TENDER NO TWC-BIOASSAY-010414 FOR PURCHASE OF CHEMICALS

Technical committee meeting for Tender No: TWC-BIOASSAY-010414 1st time, was held on 11-04-2014. Following recommendations were made:

1. XANTHINE OXIDASE INHIBITION ASSAY

a. Enzyme: Xanthine Oxidase Bovine milk

5 Bids were received by M/S DIAGNOSTIC SYSTEMS, DJ SCIENTIFIC, FRIENDS SCIENTIFIC CORPORATION, S.B.D.P. and KHB INTERNATIONAL. Bids quoted by DIAGNOSTIC SYSTEMS, FRIENDS SCIENTIFIC CORPORATION and S.B.D.P., were rejected because they offered the enzyme by different source (with butter milk). Therefore, after careful evaluation the committee recommended to **Re-tender** this item.

b. Substrate: Xanthine

3 Bids were received. M/S DIAGNOSTIC SYSTEMS, DJ SCIENTIFIC and KHB INTERNATIONAL. Bids quoted by DIAGNOSTIC SYSTEMS and KHB INTERNATIONAL were rejected because they didn't quoted item as per our specification. After careful evaluation the committee recommended to **Re-tender** this item.

c. Inhibitor: Allopurinol

2 Bids were received by M/S DJ SCIENTIFIC and KHB INTERNATIONAL. Therefore, the committee recommended to **Re-tender** this item.

2. IRON CHELATING ASSAY

a. Ferrous chloride (FeCl₂. 4H₂O)

2 Bids were received by M/S DIAGNOSTIC SYSTEMS and FRIENDS SCIENTIFIC CORPORATION. Therefore, the committee recommended to **Re-tender** this item.

b. Ferrozine

3 Bids were received. After careful evaluation, committee has recommended that the tender may be awarded to M/S KHB INTERNATIONAL, Cat # 00342 ChemImpex, as they are the lowest among all bidders and as per our specification.

c. Disodium ethylenediamine tetraacetic acid (Na₂EDTA)

4 Bids were received. After careful evaluation, committee has recommended that the tender may be awarded to M/S KHB INTERNATIONAL Cat # 40500012 Bio World, as they are the lowest among all bidders.

3. NITRIC OXIDE RADICAL SCAVENGING ASSAY

a. Naphthylethylenediamine dihydrochloride

3 Bids were received. After careful evaluation, committee has recommended that the tender may be awarded to M/S DJ SCIENTIFIC, Cat # N0577 TCI Japan, as they are the lowest among all bidders and as per our specification.

b. Sulfanilic acid

4 Bids were received. After careful evaluation, committee has recommended that the tender may be awarded to M/S DIAGNOSTIC SYSTEMS, Cat #1.00686.0100 Merck, as they are the lowest among all bidders and as per our specification.

c. Sodium nitroprusside

2 Bids were received by M/S DIAGNOSTIC SYSTEMS and FRIENDS SCIENTIFIC CORPORATION. Therefore, the committee recommended to **Re-tender** this item.

4. THYMIDINE PHOSPHORYLASE INHIBIOTION ASSAY

a. Enzyme: Thymidine phosphorylase (from E. coli)

Only one Bid was received by M/S DJ SCIENTIFIC. Therefore, the committee recommended to **Re-tender** this item.

b. Substrate: thymidine

4 Bids were received. After careful evaluation, committee has recommended that the tender may be awarded to M/S KHB INTERNATIONAL, Cat # 00306, as they are the lowest among all bidders and as per our specification.

c. Inhibitor: 7-Deazaxanthine

4 Bids were received. After careful evaluation, committee has recommended that the tender may be awarded to M/S KHB INTERNATIONAL, Cat # FD11329, CMS Chemicals, as they are the lowest among all bidders and as per our specification.

5. UREASE INHIBITION ASSAY

a. Enzyme: Urease Canavalia ensiformis (Jack bean)

4 Bids were received by M/S DIAGNOSTIC SYSTEMS, DJ SCIENTIFIC, S.B.D.P. and KHB INTERNATIONAL. Bids quoted by DIAGNOSTIC SYSTEMS and S.B.D.P. were rejected because they didn't quoted item as per our Specification. Therefore, after careful evaluation the committee recommended to **Re-tender** this item.

b. Substrate: Urea

4 Bids were received by M/S DIAGNOSTIC SYSTEMS, DJ SCIENTIFIC, FRIENDS SCIENTIFIC CORPORATION and S.B.D.P. were rejected because they didn't quoted item as per our Specification. After careful evaluation the committee recommended to **Re-tender** this item.

c. Inhibitor: Thiourea

3 Bids were received by M/S DIAGNOSTIC SYSTEMS, DJ SCIENTIFIC and FRIENDS SCIENTIFIC CORPORATION were rejected because they didn't quoted item as per our Specification. After careful evaluation the committee recommended to **Re-tender** this item.

d. Sodium nitroprusside

2 Bids were received by M/S DIAGNOSTIC SYSTEMS and FRIENDS SCIENTIFIC CORPORATION. Therefore, the committee recommended to **Re-tender** this item.

e. Phenol

3 Bids were received. After careful evaluation, committee has recommended that the tender may be awarded to M/S DJ SCIENTIFIC, Cat # P1610,TCI Japan, as they are the lowest among all bidders and as per our specification.

f. Sodium hypochlorite

Only one Bid was received by FRIENDS SCIENTIFIC CORPORATION. Therefore, the committee recommended to **Re-tender** this item.

g. Sodium hydroxide

2 Bids were received by M/S DIAGNOSTIC SYSTEMS and FRIENDS SCIENTIFIC CORPORATION. Therefore, the committee recommended to **Re-tender** this item.

6. β-GLUCURONIDASE INHIBITION ASSAY

a. Enzyme: β-Glucuronidase, from Escherichia coli

2 Bids were received by M/S DJ SCIENTIFIC and FRIENDS SCIENTIFIC CORPORATION. Bid quoted by FRIENDS SCIENTIFIC CORPORATION was rejected because they didn't quoted item as per our Specification. Therefore, the committee recommended to **Re-tender** this item.

b. Substrate: 4-nitrophenyl-\(\beta\)-d-glucuronide

3 Bids were received by M/S DJ SCIENTIFIC, S.B.D.P. and KHB INTERNATIONAL, all these were rejected because they didn't quoted item as per our Specification. DJ SCIENTIFIC quoted option 2 as per our specification, therefore, after careful evaluation the committee recommended to **Re-tender** this item.

c. Inhibitor: D-saccharic acid 1,4-lactone

2 Bids were received by M/S DJ SCIENTIFIC and FRIENDS SCIENTIFIC CORPORATION. Therefore, the committee recommended to **Re-tender** this item.

7. DPPH-RADICAL SCAVENGING ASSAY

a. Standard: Gallic acid

4 Bids were received. After careful evaluation, committee has recommended that the tender may be awarded to M/S KHB INTERNATIONAL, Cat # 22939, Chem Impex as they are the lowest among all bidders and as per our specification.

b. DPPH

2 Bids were received by M/S DIAGNOSTIC SYSTEMS and DJ SCIENTIFIC. Therefore, the committee recommended to **Re-tender** this item

8. α-GLUCOSIDASE INHIBITION ASSAY

a. Enzyme: α-glucosidase (Sacchromyces cerevisiae)

2 Bids were received by M/S DJ SCIENTIFIC and KHB INTERNATIONAL. Therefore, the committee recommended to **Re-tender** this item.

b. Substrate: 4-NitroPhenyl α-D-glucopyranoside

2 Bids were received by M/S DJ SCIENTIFIC and KHB INTERNATIONAL, both bids were rejected because they didn't quoted item as per our Specification. Therefore, the committee recommended to **Re-tender** this item.

c. Inhibitor: Acarbose

3 Bids were received. After careful evaluation, committee has recommended that the tender may be awarded to M/S DJ SCIENTIFIC, Cat # A2485,TCI Japan, as they are the lowest among all bidders and as per our specification.

9. PEP INHIBITION ASSAY

a. Enzyme: Prolyl endopeptidase

2 Bids were received by M/S DIAGNOSTIC SYSTEMS and DJ SCIENTIFIC. Bid quoted by DIAGNOSTIC SYSTEMS was rejected because they didn't quoted item as per our Specification. Therefore, the committee recommended to **Re-tender** this item.

b. Substrate: N-benzyloxy carbonyl-gly-pro-pNa

Only one Bid was received by M/S DJ SCIENTIFIC. Therefore, the committee recommended to **Re-tender** this item.

c. Inhibitor: Z-pro-prolinal

Only one Bid was received by M/S DJ SCIENTIFIC. Therefore, the committee recommended to **Re-tender** this item.

10. PHOSPHODIESTEREASE INHIBIOTION ASSAY

a. Enzyme: Phosphodiesterease1

No Bids were received. Therefore, the committee recommended to Re-tender this item.

b. Bis(p-nitrophenyl) Phosphate

2 Bids were received by M/S DJ SCIENTIFIC and FRIENDS SCIENTIFIC CORPORATION. Therefore, the committee recommended to **Re-tender** this item.

11. CARBONIC ANHYDRASE INHIBIOTION ASSAY

a. Enzyme: Carbonic Anhydrase-II

Only one Bid was received by M/S DJ SCIENTIFIC. Therefore, the committee recommended to **Re-tender** this item.

b. 4-Nitrophenyl acetate

4 Bids were received. After careful evaluation, committee has recommended that the tender may be awarded to M/S DJ SCIENTIFIC, Cat # A0040, TCI Japan, as they are the lowest among all bidders and as per our specification.

Prof. Dr. Bina Shaheen Siddiqui (Convenor)

Dr. Atia-tul-Wahab (End-User)

Mr. Sohail Ahmed

(Member)

Mr. Haris Qureshi

(Member)

SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY

CONTRACT EVALUATION FORM

TO BE FILLED IN BY ALL PROCURING AGENCIES FOR PUBLIC CONTRACTS OF WORKS, SERVICES & GOODS

1)	NAME OF THE ORGANIZATION / DEPTT.	Third World Center for Chemical Sciences, International Center for Chemical and Biological Sciences, University of Karachi.
2)	PROVINCIAL / LOCAL GOVT./ OTHER	Semi-government; autonomous body
3)	TITLE OF CONTRACT	Purchase/import of chemicals and enzymes
4)	TENDER NUMBER	TWC-BIOASSAY-010414
5)	BRIEF DESCRIPTION OF CONTRACT	Purchase/import of chemicals and enzymes for research work
6)	FORUM THAT APPROVED THE SCHEME	Director, I.C.C.B.S.
7)	TENDER ESTIMATED VALUE	Below Rs. 1.0 million
8)	ENGINEER'S ESTIMATE (For civil works only)	N.A.
9)	ESTIMATED COMPLETION PERIOD (AS P	ER CONTRACT) N.A.
10)	TENDER OPENED ON (DATE & TIME)	3.00 P.M. on 01-04-2014
11)	NUMBER OF TENDER DOCUMENTS SOLI (Attach list of buyers)) Five
12)	NUMBER OF BIDS RECEIVED	Five
13)	NUMBER OF BIDDERS PRESENT AT THE	TIME OF OPENING OF BIDS Three
14)	BID EVALUATION REPORT (Enclose a copy)	mailed to you on 12-05-2014 and 22-05-2014
15)	NAME AND ADDRESS OF THE SUCCESSE	TUL BIDDER KHB (LHR) DJ Scientif, Diagnostic System (KH
16)	CONTRACT AWARD PRICE	Rs. 63,500/-41,900/- and 4,400/-
17)	RANKING OF SUCCESSFUL BIDDER IN EXCISE, 2 nd , 3 rd EVALUATION BID).	VALUATION REPORT
		1st evaluated lowest
18)	METHOD OF PROCUREMENT USED : - (Ti	ick one)
	a) SINGLE STAGE – ONE ENVELOPE	E PROCEDURE Domestic/ Local
	b) SINGLE STAGE - TWO ENVELOPE	E PROCEDURE
	e) TWO STAGE BIDDING PROCEDUR	RE
	d) TWO STAGE TWO ENVELOPE B	
	PLEASE SPECIFY IF ANY OTHER EMERGENCY, DIRECT CONTRACTIN	METHOD OF PROCUREMENT WAS ADOPTED i.e.

		Director, I.C.C.B.S.
19) API	PROVING AUTHORITY FOR AWARD OF CON	TRACT
20) WH	HETHER THE PROCUREMENT WAS INCLUDE	D IN ANNUAL PROCUREMENT PLAN? Yes V No
21) AD	VERTISEMENT:	
i)	SPPRA Website	Ycs Serial No. 19337
1)	(If yes, give date and SPPRA Identification N	Jo.)
		No
ii)	News Papers	Yes
	(If yes, give names of newspapers and dates)	
		No NO
22) NA	TURE OF CONTRACT	Domestic/ Local ✓ Int.
23) Wl	HETHER QUALIFICATION CRITERIA	(FN ITGO
	AS INCLUDED IN BIDDING / TENDER DOCUMENTS, enclose a copy)	Yes No /
,,		Tes INO IV
	HETHER BID EVALUATION CRITERIA	
	AS INCLUDED IN BIDDING / TENDER DOCUM yes, enclose a copy)	Yes No
(11)	yos, cholose a copy)	
25) WI	IETHER APPROVAL OF COMPETENT AUTHO	DRITY WAS OBTAINED FOR USING A
ME	THOD OTHER THAN OPEN COMPETITIVE B	IDDING? Yes No V
26 11/4	4 C DID SECURITY ORTADIED COOM ALL TH	C DIDDEDC9
26) W A	AS BID SECURITY OBTAINED FROM ALL TH	Yes V No
200 921	HETHER THE SUCCESSFUL BID WAS LOWES	T EVALUATED V. I V.
	D / BEST EVALUATED BID (in case of Consultate	
	HETHER THE SUCCESSFUL BIDDER WAS TE	CHNICALLY Yes V No No
CO	MPLIANT?	
20/ 301	HETHER NAMES OF THE BIDDERS AND TH	EID OLIOTED DDICES WERE READ OUT AT
	THE TIME OF OPENING OF BIDS?	Yes / No
		<u> </u>
	HETHER EVALUATION REPORT GIVEN ' ONTRACT?	TO BIDDERS BEFORE THE AWARD OF
	ttach copy of the bid evaluation report)	Yes No 🗸
-		1 62 140 4

31) ANY COMPLAINTS RECEIVED (If yes, result thereof)	Yes
	No NO
32) ANY DEVIATION FROM SPECIFICATIONS GIVEN IN	THE TENDER NOTICE / DOCUMENTS
(If yes, give details)	Yes
	No NO
33) WAS THE EXTENSION MADE IN RESPONSE TIME? (If yes, give reasons)	Yes
	No NO
34) DEVIATION FROM QUALIFICATION CRITERIA	
(if yes, give detailed reasons.)	Yes
	No NO
35) WAS IT ASSURED BY THE PROCURING AGENCY BLACK LISTED?	THAT THE SELECTED FIRM IS NOT Yes V No No
36) WAS A VISIT MADE BY ANY OFFICER/OFFICIAL C SUPPLIER'S PREMISES IN CONNECTION WITH THE BE ASCERTAINED REGARDING FINANCING OF WIS (If yes, enclose a copy)	Yes No /
37) WERE PROPER SAFEGUARDS PROVIDED ON MO THE CONTRACT (BANK GUARANTEE ETC.)?	BILIZATION ADVANCE PAYMENT IN Yes No V
38) SPECIAL CONDITIONS, IF ANY (If yes, give Brief Description)	Yes
Malil Hugu	No NO
Sr. Professor	
Signature & Official Stamp of Authorized Officer University of Karach	
FOR OFFICE USE ONLY	

<u>SPPRA, Block. No.8, Sindh Secretariat No.4-A, Court Road, Karachi</u> Tele: 021-9205356; 021-9205369 & Fax: 021-9206291

Save Reset

· Phone (Purchase & Store): (92) 021-34819011

Fax (Purchase & Store) : (92) 021-99261789

Fax (Main Office)

: (92) 021-34819018, 34819019

E-mail: stor∈@iccs.edu

: store.iccs@hotmail.com

THIRD WORLD CENTER FOR CHEMICAL SCIENCES

INTERNATIONAL CENTER FOR CHEMICAL AND BIOLOGICAL SCIENCES UNIVERSITY OF KARACHI, KARACHI-75270, PAKISTAN.

Tel UAN: 111-222-292, (92-21-34824901, 34824902, 34824930, 34824934, 34824936) Ext. 108, 109 154, 159

	PURCHASE ORDER/WORK (ORDER			
P.O. N				24-06-	20/4
		Fan #			
Ref: Yo	our quotation No. DS/Twees/00//04/2014 TWE-130	:0485ay-0104	1/4 Dated:	1-4-6	2014
Subjec	on: Soupply of chemicals to Pook DY 19	I.C. and De	5. idha te	e naho	<u> 6</u>
Please	supply the following articles to the institute.				
S. No.	PARTICULARS	QUANTITY	RATE	AMOUN Rs.	Ps.
1.	Suffanctio acid Cox Im analysis Acs Reag.	100g	4,400/-	4,400	00
 	Cov- 7 1.00686.0100 Morek Bermany				
	E. & O. E.	TOTAL	Rs:	4,400	00
Rupees Please s Please h	s) Four Thousand four hemotred on submit your bill in duplicate for payment. Note: Kindly supply the goods within	e date of	Pes:	Amos	

reccipt of this P.O., if you fail to supply the goods within given time period, a penalty @ 0.50% per day on the total order amount will be imposed.

PURCHASE OFFICER

Phone (Purchase & Store): (92) 021-34819011

Fax (Purchase & Store) : (92) 021-99261789

1326

ax (Main Office)

: (92) 021-34819018, 34819019

E-mail: store@iccs.edu

: store.iccs@hotmail.com

THIRD WORLD CENTER FOR CHEMICAL SCIENCES

INTERNATIONAL CENTER FOR CHEMICAL AND BIOLOGICAL SCIENCES UNIVERSITY OF KARACHI, KARACHI-75270, PAKISTAN.

Tel UAN: 111-222-292, (92-21-34824901, 34824902, 34824930, 34824934, 34824936) Ext. 108, 109 154, 159 PURCHASE ORDER / WORK ORDER

P.O. N	lo. 1020		Date:_	24-06-	201
Mess	rs: DJ Scientifie Fo	an + 349	64742		
	our quotation No. <u>DJSC1/2013-14/7ED 1071/TWC</u>				
Subje	ct: Supply of chemicals to Prof. S	18.19. J. C. an	al Dr. Wi	ha but	بكعر
Pleas	e supply the following articles to the institute.				
S. No.	PARTICULARS	QUANTITY	RATE	AMOUN Rs.	T Ps.
1.	NaphThy lethy lene diamine	259	(257)	11,200	00
2	chyprochloside monometherolate ent + NOS77 TCI Jalan Phenol	25g.	4,800/-	4,800	00
3.	Cat + \$71610 TCI Jakan Acarbose Agoloale	19	17,586/-		
4.	Cat & A0040 TCI Jakan Cat & A0040 TCI Jakan	259	8,400/1 (259)	8,400	00
	E. & O. E. Dory One Thousand Nine hundr	TOTAL ced only	Rs.	41,900	00

Please submit your bill in duplicate for payment.

Please Note: Kindly supply the goods within.........days/weeks from the date of receipt of this P.O., if you fail to supply the goods within given time period, a penalty @ 0.50% per day on the total order amount will be imposed.

Jackbur James

YURCHASE OFFICER

Phone (Purchase & Store): (92) 021-34819011 Fax (Purchase & Store) : (92) 021-99261789

Fax (Main Office)

PO No

1325

: (92) 021-34819018, 34819019

E-mail: store@iccs.edu

: store.iccs@hotmail.com

THIRD WORLD CENTER FOR CHEMICAL SCIENCES

INTERNATIONAL CENTER FOR CHEMICAL AND BIOLOGICAL SCIENCES UNIVERSITY OF KARACHI, KARACHI-75270, PAKISTAN.

Tel UAN: 111-222-292, (92-21-34824901, 34824902, 34824930, 34824934, 34824936) Ext. 108, 109 154, 159

PURCHASE ORDER / WORK ORDER

	134 COORIE			27-06-1	
		An + 92			
Ref: Yo	our quotation No. KHB-009-14 Tensh TWE-Begaring of: Supply of Chemicals to Prof. 19. I.C.	-010414 Thomalkey an	Dated:	28-03-	20/9 - Wa
Please	supply the following articles to the institute.				
S. No.	PARTICULARS	QUANTITY	RATE	AMOUN Rs.	T Ps.
<i>j.</i>	Ferrozine Cat of 00342 Chemimper OSA	5g (Ivial)		16,250	00
2	Discolium ethyloneolinmine Tetracetic acid (Naz EDTA) Poodnet-No 40500012 Bio Warld USA	250g	2,853/-	\$,850	00
3.	Salstonle : Thymicalina Cal + 00306 chem Subex USA	10°G.	11,500/-	11,500	00
4.	Intribute : 7-Deagaxan Thine Product-20: FD1/329 CMS Chemicals, U.K.	19	24,500/	24,500	UD

E. & O. E.

Standard: Gallie acid mono hy drate 1009 Cat + 22939 Cheminapen USA

Please submit your bill in duplicate for payment.

Please Note: Kindly supply the goods within.....days/weeks from the date of receipt of this P.O., if you fail to supply the goods within given time period, a penalty @ 0.50% per day on the total order amount will be imposed.

Rs.

TOTAL

63,600 00

RNATIONAL CENTER FOR CHEMICAL AND BIOLOGICAL SCIENCES (ICCBS) UNIVERSITY OF KARACHI H.E.J. \ PCMD PROJECT Document Title: Purchase Requisition Form ICCBS/04/08-01 Rev. No. Issue No. Doc. No.: Serial No.: 0257 Sanction No. FEB/27/TWC/43/13-14 P.O. No. ___ Date 27/2/14 PURCHASE REQUISITION FORM General Items Sci. Equipments Chemicals Glassware | Stationery Computer & Accessories PLEASE () AT APPROPRIATE PLACE ON THE ABOVE DESCRIPTION The prior approval is hereby requested for the purchase of the stated items, which are required for, Prof./ Dr./ Mr./ Ms. Prof. Dr. M. 1910 el Chouellato No. 2-131 Intercom No. 307. The amount required for the purchase of these items may deducted from the head of, esearch Grant Bioociay Some. Specification / Description Quantity Instructions Sr. No. Item(s) nzumes and its tallact ender 2 3 5 6 7 8 9 Requested By: Recommended by Finance Manager

Signature of the Supervisor

Received in Store (Date & Sign.)

Submitted for approval for the purchase of the above items. The payment of the above items may be made from the

Head of A/C.

Mualid Quar

ENZYME INHIBITION CHEMICAL LIST

S. No.	Chemical Name	Company Name	Units/vial	Quantity
1	XANTHINE OXIDASE INHIBITIO	N ASSAY		
	Enzyme : Xanthine Oxidase Bovine milk	Sigma Cat # X-4376	25 U	1 vial
,	Substrate: Xanthine	Sigma Cat # X-0626	-	10 g (1 vial)
	Inhibitor: Allopurinal	Sigma Cat # A8003	-	5 g (1 vial)
2	IRON CHELATING ASSAY	<u> </u>		
	Ferrous chloride (FeCl ₂ . 4H ₂ O)	Sigma Aldrich, USA Cat # 372870	-	25 g (1 vial) 、
	Ferrozine	Serva Electrophoresis GmbH ,Germany Cat # 21326	-	5 g (1 vial)
	Disodium ethylenediamine tetraacetic acid (Na₂EDTA)	Sigma Aldrich, USA Cat # E5134	*	50 g (1 vial)
3	NITRIC OXIDE RADICAL SCAVE	NGING ASSAY		
	Naphthylethylenediamine dihydrochloride	ICN Biomedicals, Germany Cat # 152549	-	25 g (1 vial)
<u>-</u>	Sulfanilic acid	ICN Biomedicals, Germany Cat # 102990	-	100 g (1 vial)
	Sodium nitroprusside	Merck, Germany Cat # 2549480	-	50 g (1 vial)
4	THYMIDINE PHOSPHORYLASE	INHIBIOTION ASSAY		
	Enzyme: Thymidine phosphorylase (from E.	Sigma Aldrich, USA Cat #T6632	900 U/5mL	(1 vial)
	coli)			. /
	Substrate: thymidine	Sigma Aldrich, USA Cat #T-9250	-	10 g (1 vial)
	Inhibitor: 7-Deazaxanthine	Santa Cruze Biotecnology Inc USA Sc-220800	-	500 mg (1vial)
5	UREASE INHIBITION ASSAY			
	Enzyme: Urease Canavalia ensiformis (Jack bean)	Sigma Aldrich, USA Cat # U1500	200 KU	(1 vial)
	Substrate: Urea		1	
	Inhibitor: Thiourea		4	
	Sodium nitroprusside	Merck, Germany Cat #2549480	-	50g (1 vial)
	Phenol	TCI Cat# P1610	-	25g (1 vial)

	Sodiumhypochlorite	Scharlau		1litre
		Cat # SO04361000	¦ 	
	Sodium hydroxide	Uni-chem	_	1kg
		Cat # S41298-4J	ļ	
5	β-GLUCURONIDASE INHIBITION	I ASSAY	; 	
•	Enzyme : β-Glucuronidase,	Sigma	25 KU 1 :	1 vial
	from Escherichia cali	Cat # G7396		(2.11)
	5ubstrate: 4-nitrophenyl-ß-d-	Sigma	j -	250 mg (1 vial)
	glucuronide	Cat # N1627	<u> </u>	
	Inhibitor: D-saccharic acid	Sigma	-	1 g (1 vial) `
	1,4-lactone	Cat # S-0375	<u> </u>	<u> </u>
6	DPPH-RADICAL SCAVENGING			100 - (0 - (-1)
	Standard: Gallic acid	Sigma cat#G-8647 `	-	100 g (1 vial)
	DPPH	Sigma Aldrich	-	1 g (1 vial)
		D9132-1G	<u></u>	
7	α-GLUCOSIDASE INHIBITION A	SSAY		
<u> </u>	Enzyme : α-glucosidase	Sigma	750 U ¹ .	1 vial
	(Sacchromyces cerevisiae)	Cat # G-0660	! !	
	Substrate: 4-NitroPhenyl α-D-	Sigma	i "	1 g (1 vial)
	glucopyranoside	Cat # GN1377		
	Inhibitor: Acarbose	Sigma	-	1 g (1 vial) /
		Cat # A8980		<u> </u>
8	PEP INHIBITION ASSAY		<u></u>	
			. 	
	Enzyme: Prolyl endopeptidase	Cat#E-1411,		1 vial
		Flavobactrium SP.		
			·	
	Substrate: N-benzyloxy	Sigma, C at#9628 6		2 vials
	carbonyl-gly-pro-pNa			
	Inhibitor: Z-pro-prolinal	Sigma, Cat#SML0205		2 vials
		OTION ACCAY		
9	PHOSPHODIESTEREASE INHIBI		<u> </u>	4 vials
	Enzyme:	Sigma , Cat# p-4631		4 1013
	Phosphodiesterease1	Type-V, crude dried	:	
		snake venom, broth		
		atrox		
				ţ.
				İ
	Ptoto standard AV Discolate	Sigma Cattly 2002		2 g
	Bis(p-nitrophenyl) Phosphate	Sigma, Cat#N-3002		- b
)	CARBONIC ANHYDRASE INHIB	IOTION ASSAY		
,	Enzyme: Carbonic Anhydrase-	Sigma , Cat# c-3934	T	2 vials
		Bovine erythrocyte		
	H .	bovine erytinocyte		

4-Nitrophenyl acetate	MP-Bio, cat#160888	25 g	
<u> </u>		Ì	

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