

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/consumables and appliances
- 4) TENDER NUMBER TWC-160413
- 5) BRIEF DESCRIPTION OF CONTRACT Purchases/imports 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 N.A.
(For civil works only)
- 9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) N.A.
- 10) TENDER OPENED ON (DATE & TIME) 16-04-2013 at 3.00 P.M.
- 11) NUMBER OF TENDER DOCUMENTS SOLD Ten
(Attach list of buyers)
- 12) NUMBER OF BIDS RECEIVED Nine
- 13) NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS Five
- 14) BID EVALUATION REPORT Already mailed on 22-05-2013
(Enclose a copy)
- 15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDER TWWS, SSPL, NST KHI and KHB Lahore
- 16) CONTRACT AWARD PRICE Rs. 43,600/-, 192180/-, 62,408/- and 3,150/-
- 17) RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT
(i.e. 1st, 2nd, 3rd EVALUATION BID). 1st evaluated lowest

18) METHOD OF PROCUREMENT USED : - (Tick one)

- a) SINGLE STAGE – ONE ENVELOPE PROCEDURE Domestic/ Local
- b) SINGLE STAGE – TWO ENVELOPE PROCEDURE
- c) TWO STAGE BIDDING PROCEDURE
- d) TWO STAGE – TWO ENVELOPE BIDDING PROCEDURE

PLEASE SPECIFY IF ANY OTHER METHOD OF PROCUREMENT WAS ADOPTED i.e. EMERGENCY, DIRECT CONTRACTING ETC. WITH BRIEF REASONS:

19) APPROVING AUTHORITY FOR AWARD OF CONTRACT _____

20) WHETHER THE PROCUREMENT WAS INCLUDED IN ANNUAL PROCUREMENT PLAN?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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21) ADVERTISEMENT :

i) SPPRA Website
(If yes, give date and SPPRA Identification No.)

Yes	Serial No. 15890
No	

ii) News Papers
(If yes, give names of newspapers and dates)

Yes	
No	NO

22) NATURE OF CONTRACT

Domestic/ Local	<input checked="" type="checkbox"/>	Int.	<input type="checkbox"/>
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23) WHETHER QUALIFICATION CRITERIA WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?
(If yes, enclose a copy)

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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24) WHETHER BID EVALUATION CRITERIA WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?
(If yes, enclose a copy)

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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25) WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED FOR USING A METHOD OTHER THAN OPEN COMPETITIVE BIDDING?

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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26) WAS BID SECURITY OBTAINED FROM ALL THE BIDDERS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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27) WHETHER THE SUCCESSFUL BID WAS LOWEST EVALUATED BID / BEST EVALUATED BID (in case of Consultancies)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY COMPLIANT?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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29) WHETHER NAMES OF THE BIDDERS AND THEIR QUOTED PRICES WERE READ OUT AT THE TIME OF OPENING OF BIDS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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30) WHETHER EVALUATION REPORT GIVEN TO BIDDERS BEFORE THE AWARD OF CONTRACT?
(Attach copy of the bid evaluation report)

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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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 THAT THE SELECTED FIRM IS NOT
BLACK LISTED?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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36) WAS A VISIT MADE BY ANY OFFICER/OFFICIAL OF THE PROCURING AGENCY TO THE
SUPPLIER'S PREMISES IN CONNECTION WITH THE PROCUREMENT? IF SO, DETAILS TO
BE ASCERTAINED REGARDING FINANCING OF VISIT, IF ABROAD:
(If yes, enclose a copy)

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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37) WERE PROPER SAFEGUARDS PROVIDED ON MOBILIZATION ADVANCE PAYMENT IN
THE CONTRACT (BANK GUARANTEE ETC.)?

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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38) SPECIAL CONDITIONS, IF ANY
(If yes, give Brief Description)

Yes	
No	NO

39) Date of Award of Contract: 13-06-2013

Signature & Official Stamp of
Authorized Officer

Sr. Professor
ICCBS
H.E.J. Research Institute
of Chemistry
University of Karachi

FOR OFFICE USE ONLY

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

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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. No. 1310

PURCHASE ORDER / WORK ORDER

Date: 13-06-2013

Messrs: The World Wide Scientific Fax # 042-37500018

Ref: Your quotation No. WW/HTJ/218 Tendu TWC-160413 Dated: 16-04-2013

Subject: Supply of kits and consumables to Prof. Dr. Aijaz Abbasi

Please supply the following articles to the institute.

S. No.	PARTICULARS	QUANTITY	RATE	AMOUNT	
				Rs.	Ps.
1.	Gene Jet Plant Genomic DNA Purification Mini kit Cat # K0791 Thermo Scientific Fermentas	2x50 Prep	13800/- (50 Prep)	27600	00
2.	PCR Master Mix (2X) Cat # K0171 Thermo Scientific (Fermentas)	2x200 React	8000/- (200 React)	16000	00
E. & O. E.			TOTAL	Rs. 43,600	00

(Rupees) Forty Three Thousand Six hundred only

Please submit your bill in duplicate for payment.
 Please Note: Kindly supply the goods within 4 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.

[Signature]
PURCHASE OFFICER

Phone (Purchase & Store): (92) 021-34819011
Fax (Purchase & Store) : (92) 021-99261789
Fax (Main Office) : (92) 021-34819018, 34819019

E-mail: store@iccs.edu
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Tel UAN: 111-222-292, (92-21-34824901, 34824902, 34824930, 34824934, 34824936) Ext. 108, 109 154, 159

P.O. No. 1309 PURCHASE ORDER / WORK ORDER Date: 13-06-2013
Messrs: Scientific Supplies (Pvt.) Ltd. Fax # 34557446
Ref: Your quotation No. Tensh No. TWC-160413 Dated: 15-04-2013
Subject: Supply of consumables and glassware to Prof. Dr. Shuja Abbas

Please supply the following articles to the institute.

S. No.	PARTICULARS	QUANTITY	RATE	AMOUNT	
				Rs.	Ps.
	<i>List of 21 items enclosed</i>	<i>As per list</i>	<i>As per list</i>	<i>As per list</i>	
	<i>E. & O. E.</i>	TOTAL	<i>Rs</i>	<i>192,100.00</i>	

(Rupees) One hundred Ninety Two Thousand
one hundred only

Please submit your bill in duplicate for payment. 4 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.

Shuja Abbas
PURCHASE OFFICER

Received
13/6/2013

**THIRD WORLD CENTER FOR CHEMICAL SCIENCES
INTERNATIONAL CENTER FOR CHEMICAL AND BIOLOGICAL SCIENCES
UNIVERSITY OF KARACHI
KARACHI-75270**

LIST OF ITEMS (M/S. SCIENTIFIC SUPPLIES (PVT.) LTD.

S.No.	Item	Qty	Cat #	Rate	Amount	TOTAL Pak Rs.
1.	DNA Purification kit (100 preps)	2	K310001	Rs. 9,990/- (ea)	Rs. 19,980/-	19,980.00
2.	Micropipette (adjustable 2.5 ul)	1	AP-2 Axygen	Rs. 16,500/- (ea)	Rs. 16,500/-	16,500.00
3.	Micropipette (adjustable 10 ul)	1	AP-10 Axygen	Rs. 16,500/- (ea)	Rs. 16,500/-	16,500.00
4.	Micropipette (adjustable 20 ul)	1	AP-20 Axygen	Rs. 16,420/- (ea)	Rs. 16,420/-	16,420.00
5.	Disposable tips 2 ul,	2x1000	TXL-10-R Axygen	Rs. 1,700/- (ea) (Pack of 960)	Rs. 3,400/-	3,400.00
6.	Disposable tips 10 ul,	2x1000	T-300-R Axygen	Rs. 1,700/- (ea) Pack of 960	Rs. 3,400/-	3,400.00
7.	Disposable tips, 20 ul	2x1000	T-20-R Axygen	Rs. 1,700/- (ea) Pack of 960	Rs. 3,400/-	3,400.00

8.	Disposable tips 2 ul,	2x1000	TXL-10 Axygen	Rs. 1,150/- (ea) Pack of 1000	Rs. 2,300/-	2,300.00
9.	Disposable tips 10 ul,	2x1000	T-300 Axygen	Rs. 1,150/- (ea) Pack of 1000	Rs. 2,300/-	2,300.00
10.	Disposable tips, 20 ul	2x1000	T-20 Axygen	Rs. 1,150/- (ea) Pack of 1000	Rs. 2,300/-	2,300.00
11.	PCR Tubes 0.2 ml	2x1000	PCR-02-C	Rs. 3,000/- (ea) Pack of 1000	Rs. 6,000/-	6,000.00
12.	Micropipette (adjustable 200 ul,)	1	AP-200 Axygen	Rs. 16,500/- (ea)	Rs. 16,500/-	16,500.00
13.	Micropipette (adjustable 1 ml)	1	AP-1000 Axygen	Rs. 16,500/- (ea)	Rs. 16,500/-	16,500.00
14.	Micropipette (adjustable 5 ml)	1	AP-5000 Axygen	Rs. 16,420/-	Rs. 16,420/-	16,420.00
15.	Disposable tips 200 ul	5x1000	T-200-Y Axygen	Rs. 1,150/- (ea) Pack of 1000	Rs. 5,750/-	5,750.00
16.	Disposable tips 1 ml,	5x1000	T-2000-B Axygen	Rs. 1,500/- (ea) Pack of 1000	Rs. 7,500/-	7,500.00
17.	Disposable tips 5 ml	5x1000	T-5ML Axygen	Rs. 1,650/- (ea) Pack of 1000	Rs. 8,250.00	8,250.00

18.	Safe lock microtubes 0.5 ml	7x1000	MCT-060-C Axygen	Rs. 990/- (ea) Pack of 1000	Rs. 6,930.00	6,930.00
19.	Safe lock microtubes 1.5 ml	5x1000	MCT-150-C Axygen	Rs. 1,050/- (ea) Pack of 1000	Rs. 5,250.00	5,250.00
20.	96 Well plates, white	100 pcs	TCP-96-T-SI Axygen	Rs. 8,500/- (ea) Pack of 100	Rs. 8,500/-	8,500.00
21.	Sodium deoxycholate	100 g	97062-024 VWR	Rs. 8,000/- (ea) Pack of 100 g	Rs. 8,000.00	8,000.00
				TOTAL RS.		192,100.00



PREPARED BY: SHABBIR AHMED

Phone (Purchase & Store): (92) 021-34819011
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PURCHASE ORDER / WORK ORDER

P.O. No. 1311

Date: 13-06-2013

Messrs: Nawaid Scientific Traders Part 36626398

Ref: Your quotation No. Tenon Notice No. TWC-160913 Dated: 16-04-2013

Subject: Supply of Consumables and Glassware to Prof. Dr. Iqbal Abbas

Please supply the following articles to the institute.

S. No.	PARTICULARS	QUANTITY	RATE	AMOUNT	
				Rs.	Ps.
1.	Falcon Tubes 15ml Jet Biofil	2x500	5452/- (Per 500)	10904	00
2.	Falcon Tubes 50ml Jet Biofil	2x500	6438/- (Per 500)	12876	00
3.	Falcon Tubes 15ml Jet Biofil	2x500	5452/- (500)	10904	00
4.	Falcon Tubes 50ml Jet Biofil	2x500	6438/- (500)	12876	00
5.	Syringe Filter (0.22 micron) 13mm Dia, 0.22 Micron Material PVDF, Sterilized Jet Biofil	4x100	3712/- (Per 100)	18848	00
E. & O. E.			TOTAL	Rs. 62408	00

(Rupees) Sixty Two Thousand Four Hundred
Eight only

Please submit your bill in duplicate for payment.

Please Note: Kindly supply the goods within 4 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.

[Signature]
PURCHASE OFFICER

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 Fax (Purchase & Store) : (92) 021-99261789
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PURCHASE ORDER / WORK ORDER

P.O. No. 1312

Date: 13-06-2013

Messrs: KHB International

Fax # 99-42 3735 0965

Ref: Your quotation No. KHB-008-13 Tender TWC-160413

Dated: 15-04-2013

Subject: Supply of chemical to Prof. Dr. Ahsan Abbasi

Please supply the following articles to the institute.

S. No.	PARTICULARS	QUANTITY	RATE	AMOUNT	
				Rs.	Ps.
1.	DTT, DL-Dithiothreitol Biotechnology Grade, Cat # 40400120 Bio-world U.S.A.	5g	3150/- (5g)	3150	00
E. & O. E.			TOTAL	Rs. 3,150	00

(Rupees) Three Thousand one hundred fifty only

Please submit your bill in duplicate for payment.
 Please Note: Kindly supply the goods within.....4.....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.

[Signature]
 PURCHASE OFFICER

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-160413

3. Tender Description/Name of work/item: Purchase/import of chemicals, consumables and scientific appliances.

4. Method of Procurement: Single Stage – Single Envelope

5. Tender Published: SPPRA Serial No. 15890
Print & Electronic Media (SPPRA ID No. & News papers names with dates)

6. Total Bid documents Sold; Ten

7. Total Bids Received: Nine

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

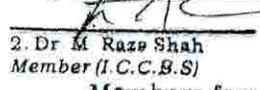
11. Financial Bid Opening date: 16-04-2013

12. Bid Evaluation Report:

S No	Name of Firm or Bidder	Cost offered by the Bidder	Ranking in terms of cost	Comparis on with Estimated cost	Reasons for acceptance/ rejection	Remarks
0	1	2	3	4	5	6
1.	KHB Interational	N.A.	1 st lowest in 1 item	N.A.	1 st lowest and according to specs	Recommended to place order
2.	Nawaid Scientific Traders	N.A.	1 st lowest in 5 items	N.A.	1 st lowest and according to specs	Recommended to place order
3.	Continental Worldwide Trading Co.	N.A.	Not lowest in any item	N.A.	Not lowest	Not recommended
4.	Scientific Supplies (Pvt.) Ltd.	N.A.	1 st lowest in 19 items	N.A.	1 st lowest and according to specs	Recommended to place order
5.	Sure Bio Diagnostic & Pharmaceuticals	N.A.	Not lowest in any item	N.A.	Not lowest	Not recommended
6.	The World Wide Scientific	N.A.	1 st lowest in 2 items	N.A.	Not lowest	Recommended to place order
7.	Bio Sciences International	N.A.	Not lowest in any item	N.A.	Not lowest	Not recommended
8.	Zedco	N.A.	Not lowest in any item	N.A.	Not lowest	Not recommended
9.	DJ Scientific	N.A.	1 st lowest in 3 items	N.A.	1 st lowest and according to specs	Recommended to place order

PURCHASE COMMITTEE, ICCBS INSTITUTIONS

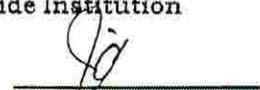

 Prof. Dr. M. Shaiq Ali
 Chairman (I.C.C.B.S)


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


 3. Dr. M. Ahmed Mesaik
 Member (I.C.C.B.S)

Members from Outside Institution


 1. Dr. Rahat Azhar Ali
 Members from Dept. of Chemistry, U.O.K


 3. Dr. Zahida Karim
 Members from Dept. of Chemistry, U.O.K

Signatures of the Members of the Committee

INTERNATIONAL CENTER FOR CHEMICAL AND BIOLOGICAL SCIENCES (ICCBS)

UNIVERSITY OF KARACHI

H.E.J. TWC PCMD



Recd
MAR 21/13

Document Title: Purchase Requisition Form

Doc. No.: ICCBS/04/08-01 Rev. No. 01 Issue No. 1

Sanction No. MAR/21/TWC/20/2012-13 Serial No.: 4628

P.O. No. _____ Date 20.3.2013

PURCHASE REQUISITION FORM

Sci. Equipments	Chemicals	Glassware	Stationary	Computer & Accessories	General Items
	✓				

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. Alyza Abbasi Lab No. 106 Intercom No. 105
 The amount required for the purchase of these items may deducted from the head of,
 A/C. Research grant or _____

Sr. No.	Item(s)	Specification/ Description	Quantity	Instructions
1	Molecular Biology item			List attached
2				
3				
4				
5				
6				
7				
8				

Requested By:
 Name: _____
 Signature _____
Alyza Abbasi
 Signature of the Supervisor
[Signature]
 Recommended by
 Finance Manager

Faculty Incharge of Purchase _____ 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. _____

[Signature]
 Purchase Officer
[Signature]
[Signature]
 -APPROVED BY-
 (Director/ Co.Director)

Dear Shabbir Sahib

Assalamo Alaikum

Attached please find the list of items. Please ask them to quote prices C& F (Karachi).

<u>Item</u>	<u>Manufacturer (or equivalent)</u>	<u>Quantity</u>
Nanotrap ESP	Ceres	1 kit
Syber Green	invitrogen	1 g
Plant DNA extraction kit (50 preps)	Sigma -XNAS	2 kits
DNA purification kit (100 prep)	Qiagen	2
PCR kits (100 samples)	Qiagen	2
Sample loading tips for DNA electrophoresis	Adaptable with Eppendorf pipettes	2000
Micropipette (adjustable -2.5 μ l, 10 μ l, 20 μ l)	Eppendorf	1 each
Thin walled micro tubes for PCR – 200 μ l, blue, green, natural, red, yellow	Sterile	2 x 1000 each
Disposable tips 2 μ l, 10 μ l, 20 μ l	Sterile	2 x 1000 each
Disposable tips 2 μ l, 10 μ l, 20 μ l	Non sterile	2 x 1000 each
PCR tubes – 0.2 ml, 0.5 ml,	Sterile	2 x 1000 each
Falcon tubes 15 ml, 50 ml -	Corning	2 x 500 each

INTERNATIONAL CENTER FOR CHEMICAL AND BIOLOGICAL SCIENCES (ICCBS)

UNIVERSITY OF KARACHI

H.E.J. TWC PCMD



Recd
[Signature]

Document Title: Purchase Requisition Form

Doc. No.:	ICCBS/04/08-01	Rev. No.	01	Issue No.	1
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Sanction No. MAR/21/TWC/19/2012-13

Serial No.: 4627

P.O. No. _____

Date 20.3.2013

PURCHASE REQUISITION FORM

Sci. Equipments	Chemicals	Glassware	Stationary	Computer & Accessories	General Items
	✓				

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. Ariya Abbasi Lab No. 106 Intercom No. 105

The amount required for the purchase of these items may deducted from the head of,

A/C. Recurring grant or _____

Sr. No.	Item(s)	Specification/ Description	Quantity	Instructions
1	Chemicals (general.)			List attached
2				
3				
4				
5				
6				
7				
8				

Requested By:

Name: _____

Ariya Abbasi
Signature of the Supervisor

[Signature]
Recommended by
Finance Manager

Signature _____

Faculty Incharge of Purchase

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. _____

[Signature]
Purchase Officer

[Signature]
APPROVED BY
(Director/ Co.Director)

Dear Shabbir Sahib

Assalamo Alaikum

Attached please find the list of items. Please ask them to quote prices C& F (Karachi).

Item	Manufacturer (or Equivalent)	Quantity
Ammonium acetate	Fluka 09688	250 g x 2
Ammonium bicarbonate	Fluka 09380	500 g x 2
3-[(3-Cholamidopropyl)dimethylammonio]-1-propanesulfonate hydrate	Sigma C5070	1g x 5
Tris base	Sigma - T1503	2 x 1Kg
Glycine	Sigma - G8898	2 x 1 Kg
Ammonium Sulphate	Fluka - 09982	2 x 5 Kg
TEMED	Sigma-T9281	100ML
Riboflavin 5' phosphate	Sigma-F1392	25 mg
Thiourea	Sigma 88810	2 x 500 g
MMP-2/MMP-9 substrate	Sigma-SCP0191	5mg
MMP-2	Sigma	10 ug
MMP-9	Sigma	10 ug
Proteinase K	Sigma -P6556	100 mg x 2
Ribonuclease A	Sigma - 83831	2 x 50mg
Polyvinylpyrrolidone	Sigma PVP-40	500 g
Buffer tablets, pH 4 and 7	(Sigma/Fluka or equivalent)	1 pk each
pH papers -Universal indicator paper type Eco		(roll - 5m long/ 9mm wide):
Dithiothreitol	Fluka 43819	2 x 5g
EDTA	Sigma ED500	500g
3-[N,N-Dimethyl(3-myristoylamino)propyl] ammonio] propanesulfonate,	Sigma A1346	1g x 5
Sodium deoxycholate	Sigma D6750	2 x 100 g
3-(Decyldimethylammonio) propane sulfonate	Sigma D4266	5 g x 2
Sepharose CL-6B	Sigma CL6B200	500ml

INTERNATIONAL CENTER FOR CHEMICAL AND BIOLOGICAL SCIENCES (ICCBS)

UNIVERSITY OF KARACHI

H.E.J. TWC PCMD



Regd
MAR 21/13

Document Title: Purchase Requisition Form					
Doc. No.:	ICCBS/04/08-01	Rev. No.	01	Issue No.	1

Sanction No. _____ MAR 21/TWC/21/2012-13
 P.O. No. _____

Serial No.: 4629

Date 20.3.2013

PURCHASE REQUISITION FORM

Sci. Equipments	Chemicals	Glassware	Stationary	Computer & Accessories	General Items
	✓				

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. Aliya Abbasi Lab No. 106 Intercom No. 105

The amount required for the purchase of these items may deducted from the head of,

A/C. Recumip grant or _____

Sr. No.	Item(s)	Specification/ Description	Quantity	Instructions
1	Protein Chemistry kit etc			List attached
2				
3				
4				
5				
6				
7				
8				

Requested By:

Name: _____

Aliya Abbasi
Signature of the Supervisor

[Signature]
Recommended by
Finance Manager

Signature _____

Faculty Incharge of Purchase

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. _____

[Signature]
APR 10/13

[Signature]
Purchase Officer

[Signature]
APPROVED BY
(Director/ Co.Director)

Dear Shabbir Sahib

Assalamo Alaikum

Attached please find the list of items. Please ask them to quote prices C& F (Karachi).

<u>Item</u>	<u>Manufacturer (or equivalent)</u>	<u>Quantity</u>
Gel code Blue stain Safe stain	Thermoscientific	3 pks
Coomassie Plus Bradford protein estimation reagent	Pierce	2 x 1 L
Readyprep 2D Clean up Kit	Biorad	4 pks
Readyprep 2D Rehydration buffer	Biorad	4 pks
Protein standards Low range, prestained	Biorad	2 vials
IPG strips (7cm, pH3-10)	Biorad	5 pks each
IPG strips (17cm, pH3-10)	Biorad	5 pks each
Proteomic grade water	Biorad	500 ml x 4
Tributyl phosphine for electrophoresis	Biorad	5 x 5g
CHAPS for protein electrophoresis	Biorad/Sigma/Thermo	2 x 5g
Sample loading tips for protein electrophoresis -	Adaptable with Eppendorf pipettes	2 x 1000
Micropipette (adjustable - 200 µl, 1ml, 5 ml)	Eppendorf	1 each
Disposable tips - 200µl, 1ml, 5ml	Non sterile	5 x 1000 each
Safe lock microtubes – 0.5 ml, 1.5 ml, 2.0 ml	Non sterile	5 x 1000 each
Falcon tubes 15 ml, 50 ml -	Corning	500 x 2 each
UV cuvette -50µl, 200 µl		2 each
Syringe Filters (0.22 micron)	Millipore	4 pks
96 Well Plates, White	(Nunc Cat. no. 136101)	100
Centrifugal filter devices (4ml capacity, Cut-off: 3, 10, 30 kDa)	AMICON	4 x 24 each

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-160413
3. Tender Description/Name of work/item: Purchase/import of chemicals, consumables and scientific appliances.
4. Method of Procurement: Single Stage – Single Envelope
5. Tender Published: SPPRA Serial No. 15890
Print & Electronic Media (SPPRA ID No. & News papers names with dates)
6. Total Bid documents Sold; Ten
7. Total Bids Received: Nine
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: N.A.

12. Bid Evaluation Report:

S No	Name of Firm or Bidder	Cost offered by the Bidder	Ranking in terms of cost	Comparis on with Estimated cost	Reasons for acceptance/ rejection	Remarks
0	1	2	3	4	5	6
1.	KHB Interational	N.A.	1 st lowest in 1 item	N.A.	1 st lowest and according to specs	Recommended to place order
2.	Nawaid Scientific Traders	N.A.	1 st lowest in 5 items	N.A.	1 st lowest and according to specs	Recommended to place order
3.	Continental Worldwide Trading Co.	N.A.	Not lowest in any item	N.A.	Not lowest	Not recommended
4.	Scientific Supplies (Pvt.) Ltd.	N.A.	1 st lowest in 19 items	N.A.	1 st lowest and according to specs	Recommended to place order
5.	Sure Bio Diagnostic & Pharmaceuticals	N.A.	Not lowest in any item	N.A.	Not lowest	Not recommended
6.	The World Wide Scientific	N.A.	1 st lowest in 2 items	N.A.	Not lowest	Recommended to place order
7.	Bio Sciences International	N.A.	Not lowest in any item	N.A.	Not lowest	Not recommended
8.	Zedco	N.A.	Not lowest in any item	N.A.	Not lowest	Not recommended
9.	DJ Scientific	N.A.	1 st lowest in 3 items	N.A.	1 st lowest and according to specs	Recommended to place order

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. M. Ahmed Measik
Member (I.C.C.B.S)

Members from Outside Institution

1. Dr. Rahat Azhar Ali
Members from Dept. of Chemistry, U.O.K

3. Dr. Zahida Karim

Signatures of the Members of the Committee

Minutes of technical committee meeting

A meeting of technical committee for the evaluation of offers received against tender TWC-160413 for purchase of chemicals, consumables and plastic ware for protein chemistry lab was held on Friday 26th April, 2013. Following Faculty / staff members attended the meeting.

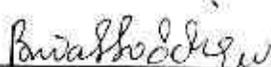
1. Prof. Dr. Bina S. Siddqui (Convenor)
2. Prof. Dr. Atiya Abbasi (end-user)
- 3- Mr. Sohail Ahmed.
- 4- Mr. Haris Qureshi

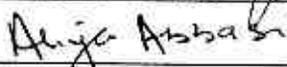
The committee reviewed different offers received and compared their technical specifications as well as prices. The evaluation list for these items is attached

It was observed that many items had less than three bidders and as per rule may be retendered. It was also brought to attention by Prof. Atiya Abbasi that bidders participating in the tender are quoting items without even considering the specifications requested in the tender and a lot of time is wasted in the process.

Signatures:

1. Prof. Dr. Bina S. Siddqui (Convenor)
2. Prof. Dr. Atiya Abbasi (end-user)
- 3- Mr. Sohail Ahmed.
- 4- Mr. Haris Qureshi









List of items selected

i) Molecular Biology

Item no.	Details of evaluation -
3.	Plant DNA extraction kit (50 preps) - lowest quote from TWWS
4.	DNA purification kit (100 prep) - lowest quote DJ Scientific
5.	PCR kits (100 samples) - lowest quote TWWS
7.1-7.3	Micropipette (adjustable -2.5 μ l, 10 μ l, 20 μ l) --5 bids were received for adjustable micropipettes. The lowest offer by CTWC is rejected on the basis of accuracy/precision requires as per tender. The lowest selected on the basis of accuracy/precision is SSPL
9.1 & 9.3	Disposable tips 2 μ l, 20 μ l sterile - Lowest selected i.e. SSPL
9.2	Disposable tips 10 μ l, sterile - 2nd lowest selected on the basis of compatibility with Eppendorf pipettes i.e. SSPL
10.1 & 10.3	Disposable tips 2 μ l, 20 μ l non sterile- Lowest selected i.e. SSPL
10.2	Disposable tips 10 μ l, sterile - 2nd lowest selected on the basis of compatibility with Eppendorf pipettes i.e. SSPL
11.1	PCR tubes - 0.2 ml, 0.5 ml - lowest quote DJ Scientific
12.1 & 12.2	Falcon tubes 15 ml, 50 ml - The lowest quote was from DJ Scientific which had no specifications. The bidder did not respond to e.mail as well as telephonic request for the same and as such 2nd lowest quote by NST with centrifugation speed 12000g was selected

ii) Protein Chemistry

Item no.	Details of evaluation -
12.1-12.2	Micropipette (adjustable -200 μ l, 1000 μ l) --5 bids were received for adjustable micropipettes. The lowest offer by CTWC is rejected as it is not according to tender specification. The lowest selected on the basis of accuracy/precision is SSPL
12.3	Micropipette (adjustable 5000 μ l) --5 bids were received for adjustable micropipettes. The lowest offer selected i.e. SSPL
13.1-13.3	Disposable tips - 200 μ l, 1ml, 5ml - Bidders with 1st and 2nd lowest quote did not provide specification of the product. 3rd lowest selected on the basis of Eppendorf compatibility SSPL
14.1	Safe lock microtubes - 0.5 ml.; Bidder with lowest quote did not provide specification of the product. 2nd lowest selected SSPL
14.2	Safe lock microtubes -1.5 ml, lowest quote selected SSPL
15.1	Falcon tubes 15 ml, 50 ml - The lowest quote was from DJ Scientific which had no specifications. The bidder did not respond to e.mail as well as telephonic request for the same and as such 2nd lowest quote by NST with centrifugation speed 12000g was selected
17.1	Syringe Filters (0.22 micron) - Lowest quote NST
18	96 Well Plates, White - Lowest quote SSPL

iii) Chemicals

Item no.	Details of evaluation -
18	Dithiothreitol - lowest quote KHB
21	Sodium deoxycholate- lowest quote SSPL

List of items dropped from purchase

i) Molecular biology

Item no.	Details of evaluation -
1	Nanotrap ESP
2	Syber Green
6	Sample loading tips for DNA electrophoresis
8	Thin walled micro tubes for PCR – 200 μ l, blue, green, natural, red, yellow

ii) Protein chemistry

Item no.	Details of evaluation -
1	Gel code Blue stain Safe stain
2	Coomassie Plus Bradford protein estimation reagent
3	Readyprep 2D Clean up Kit
4	Readyprep 2D Rehydration buffer
5	Protein standards Low range, prestained
6	IPG strips (7cm, pH3-10)
7	IPG strips (17cm, pH3-10)
8	Proteomic grade water
9	Tributyl phosphine for electrophoresis
10	CHAPS for protein electrophoresis
11	Sample loading tips for protein electrophoresis -
16	UV cuvette -50 μ l, 200 μ l
19	Centrifugal filter devices (4ml capacity, Cut-off: 3, 10, 30 kDa)

iii) Chemicals

Item no.	Details of evaluation -
1	Ammonium acetate
2	Ammonium bicarbonate
3	3-[N,N-Dimethyl(3-myristoylamino)propyl] ammonio] propanesulfonate
4	Tris base
5	Glycine
6	Ammonium Sulphate
7	TEMED
8	Riboflavin 5' phosphate
9	Thiourea
10	MMP-2/MMP-9 substrate
11	MMP-2
12	MMP-9-
13	Proteinase K
14	Ribonuclease A
15	Polyvinylpyrrolidone
16	Buffer tablets pH 4 & 7
17	pH papers -Universal indicator paper type Eco
19	EDTA
20	3-[(3-Cholamidopropyl) dimethylammonio]-1-propanesulfonate
22	3-(Decyldimethylammonio) propane sulfonate
23	Sepharose CL-6B 500ml

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UNIVERSITY OF KARACHI
KARACHI-75270

COMPARATIVE STATEMENT OF THE TENDER NOTICE NO. TWC-160413

Item	Qty	N.S.T.	C.W.T.C.	S.S.P.L.	T.W.W.S.	Zedco	S.B.D.P.	DJ Scientific	Bio Sciences
Nanotrap ESP	1 kit	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.
Syber Green	1 g	N.Q.	N.Q.	N.Q.	Rs. 14,800/- (ea) Fermentas	N.Q.	N.Q.	N.Q.	N.Q.
Plant DNA extraction kit (50 preps)	2 kits	N.Q.	N.Q.	Rs. 16,900/- (ea) Life Technolog.	Rs. 13,800/- (ea) Fermentas	Rs. 40,960/- (ea) Qiagenj	N.Q.	US \$ 300/- (C&F) Rs. 30,000/- (ea) Xnas Sigma US \$ 450/- (C&F) Rs. 45,000/- (ea) Bio Basic	N.Q.
DNA Purification kit (100 preps)	2 kits	N.Q.	N.Q.	Rs. 9,990/- (ea) Life Technolog.	Rs. 11,490/- (ea) Fermentas	Rs. 23,347/- (ea) Qiagen	N.Q.	US \$ 70/- (C&F) Rs. 7,000/- (ea) Bio Basic	N.Q.
PCR kits (100 samples) N	2 kits	N.Q.	N.Q.	Rs. 29,600/- (ea) Life Technolog.	Rs. 8,000/- (ea) Fermentas	Rs. 29,440/- (ea) Qiagen	Rs. 12,340/- (ea) Bioron GmbH 700	US \$ 100/- (C&F) Rs. 10,000/- (ea) Bio Basic	N.Q.

Item	Qty	N.S.T.	C.W.T.C.	S.S.P.L.	T.W.W.S.	Zedco	S.B.D.P.	DJ Scientific	Bio Sciences
Sample loading tips for DNA electrophoresis	2000 nos.	N.Q.	N.Q.	Rs. 6,800/- (ea) Pack of 200 Life Technolog	N.Q.	N.Q.	Rs. 3,110/- (ea) Bag of 1000 Molecular Bio Rs. 2,160/- (ea) Bag of 1000 Qu. Sci. Plastics	US \$ 45/- (C&F) Rs. 4,500/- (ea) Pack of 1000 Bio Basic	€ 66.58/- (C&F) Rs. 6,855/- (ea) Pack of 192 Eppendorf
Micropipette (adjustable 2.5 ul)	1	Rs. 22,040/- (each) Nichiryo Japan	€ 120/- (C&F) Rs. 15,360/- (ea) Vitelab Germany	Rs. 16,500/- (ea) Axygen <i>22,000/-</i>	N.Q.	N.Q.	US \$ 225/- (C&F) Rs. 22,500/- Thermo Fisher	N.Q.	€ 243/- (C&F) Rs. 32,319/- (ea) Eppendorf
Micropipette (adjustable 10 ul)	1	Rs. 22,040/- (each) Nichiryo Japan	€ 120/- (C&F) Rs. 15,360/- (ea) Vitelab Germany	Rs. 16,500/- (ea) Axygen <i>22,000/-</i>	N.Q.	N.Q.	US \$ 225/- (C&F) Rs. 22,500/- Thermo Fisher	N.Q.	€ 243/- (C&F) Rs. 32,319/- (ea) Eppendorf
Micropipette (adjustable 20 ul)	1	Rs. 22,040/- (each) Nichiryo Japan	€ 120/- (each) Rs. 15,360/- (ea) Vitelab Germany	Rs. 16,500/- (ea) Axygen <i>22,000/-</i>	N.Q.	N.Q.	US \$ 225/- (C&F) Rs. 22,500/- Thermo Fisher	N.Q.	€ 243/- (C&F) Rs. 32,319/- (ea) Eppendorf
Thin walled micro tubes for PCR-200 ul, blue, green, natural, red, yellow	1000 each	N.Q.	N.Q.	Rs. 3,000/- (ea) Pack of 1000 Assorted color Axygen	N.Q.	N.Q.	Rs. 4,870/- (ea) Rs. 4,640/- (ea) Bag of 1000 Thermo Fisher	US \$ 25/- (C&F) Rs. 2,500/- (ea) Pack of 1000 Bio Basic	€ 140/- (C&F) Rs. 18,620/- (ea) Pack of 1000 Eppendorf

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(Sl. No.)	Item	Qty	N.S.T.	C.W.T.C.	S.S.P.L.	T.W.W.S.	Zedco	S.B.D.P.	DJ Scientific	Bio Sciences
	Disposable tips 2 ul,	2x1000	Rs. 2,088/- (Pack of 1000)	N.Q.	Rs. 1,700/- (ea) (pack of 960) Axygen ✓	N.Q.	N.Q.	Rs. 6,290/- (ea) Pack of 960 Thermo Fisher	N.Q.	€ 57/- (C&F) Rs. 7,584/- (ea) Pack of 480 tips Range 0.1-20 ul
	Disposable tips 10 ul,	2x1000	Rs. 2,088/- (Pack of 1000)	N.Q.	Rs. 1,700/- (ea) (pack of 960) Axygen ✓	N.Q.	N.Q.	Rs. 6,220/- (ea) Pack of 960 Thermo Fisher	US \$ 16/- (C&F) Rs. 1,600/- (ea) Pack of 1000 Bio Basic @	€ 57/- (C&F) Rs. 7,584/- (ea) Pack of 480 tips Range 0.1-20 ul
	Disposable tips, 20 ul	2x1000	N.Q.	N.Q.	Rs. 1,700/- (ea) (pack of 960) Axygen ✓	N.Q.	N.Q.	Rs. 6,220/- (ea) Pack of 960 Thermo Fisher	N.Q.	€ 57/- (C&F) Rs. 7,584/- (ea) Pack of 480 tips Range 0.1-20 ul
1	Disposable tips 2 ul,	2x1000	Rs. 1,392/- (Pack of 1000)	N.Q.	Rs. 1,150/- (ea) Pack of 1000 Axygen ✓	N.Q.	N.Q.	Rs. 2,840/- (ea) Bag of 1000 Thermo Fisher	N.Q.	€ 59/- (C&F) Rs. 7,847/- (ea) Pack of 500 Range. 0.1-20 ul Eppendorf
2	Disposable tips 10 ul,	2x1000	Rs. 1,392/- (Pack of 1000)	N.Q.	Rs. 1,150/- (ea) Pack of 1000 Axygen ✓	N.Q.	N.Q.	Rs. 3,110/- (ea) Bag of 1000 Thermo Fisher	Rs. 510/- (ea) Pack of 1000 Nova Scotia	€ 59/- (C&F) Rs. 7,847/- (ea) Pack of 500 Range. 0.1-20 ul Eppendorf

No.	Item	Qty	N.S.T.	C.W.T.C.	S.S.P.L.	T.W.W.S.	Zedco	S.B.D.P.	DJ Scientific	Bio Sciences
3	Disposable tips, 20 ul	2x1000	Rs. 1,392/- (Pack of 1000)	N.Q.	Rs. 1,150/- (ea) Pack of 1000 Axygen	N.Q.	N.Q.	Rs. 2,840/- (ea) Bag of 1000 Thermo Fisher	N.Q.	€ 59/- (C&F) Rs. 7,847/- (ea) Pack of 500 Range. 0.1-20 ul Eppendorf
1	PCR tubes 0.2 ml,	2x1000	N.Q.	€ 185/- (C&F) Rs. 23,680/- (Pack of 1000) Omnilab Germany	Rs. 3,000/- (ea) Pack of 1000 Axygen	Rs. 2,500/- (ea) Pack of 1000 Biologix USA	N.Q.	Rs. 4,870/- (ea) Rs. 4,640/- (ea) Bag of 1000 Thermo Fisher	US \$ 25/- (C&F) Rs. 2,500/- (ea) Pack of 1000 Bio Basic	€ 140/- (C&F) Rs. 18,620/- (ea) Pack of 1000 Eppendorf
2	PCR tubes 0.5 ml	2x1000	N.Q.	€ 95/- (C&F) Rs., 12,160/- (ea) (pack of 500) Omnilab- Germany	Rs. 5,000/- (ea) Pack of 1000 Axygen	N.Q.	N.Q.	Rs. 5,800/- (ea) Bag of 1000 Thermo Fisher	US \$ 24/- (C&F) Rs. 2,400/- (ea) Pack of 1000 Bio Basic	€ 45/- (C&F) Rs. 5,985/- (ea) Pack of 500 Eppendorf
1	Falcon tubes 15 ml	2x500	Rs. 5,452/- (Pack of 500)	€ 195/- (C&F) Rs. 24,960/- (ea) (Pack of 500)	Rs. 7,000/- (ea) Pack of 500 Axygen	Rs. 800/- (ea) Pack of 50 Biologix USA	N.Q.	N.Q.	Rs. 800/- (ea) Pack of 100 Nova Scotia	N.Q.
2	Falcon tubes 50 ml	2x500	Rs. 6,438/- (Pack of 500)	€ 235/- (C&F) Rs. 30,080/- (ea) (Pack of 500)	Rs. 8,250/- (ea) Pack of 500 Axygen	Rs. 800/- (ea) Pack of 50 Biologix USA	N.Q.	N.Q.	Rs. 550/- (ea) Pack of 50 Nova Scotia	N.Q.

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COMPARATIVE STATEMENT OF THE TENDER NOTICE NO. TWC-160413

No.	Item	Qty	N.S.T.	C.W.T.C.	S.S.P.L.	T.W.W.S.	S.B.D.P.	KHB	DJ Scientific	Bio Sciences
	Gel code Blue stain safe stain	3 pks	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.
	Coomassie Plus Bradford protein estimation reagent	2x1L	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	US \$ 105/- (C&F) Rs. 10,500/- (ex) Pack of 500 ml Sigma	N.Q.
	Readyprep 2D Clean up kit	4 pks	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	US \$ 170/- (C&F) Rs. 17,000/- (ex) (5 preps) US \$ 450/- (C&F) Rs. 45,000/- (ex) (50 preps) Bio Rad Canada	N.Q.

Sl. No.	Item	Qty	N.S.F.	C.W.T.C.	S.S.P.L.	T.W.W.S.	S.B.D.P.	KHB	DJ Scientific	Bio Sciences
	Readyred 2D Rehydration buffer	4 pks	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	US \$ 76/- (C&F) Rs. 7,600/- (ea) US \$ 71/- (C&F) Rs. 7,100/- (ea) Pack of 10 ml Bio Rad Canada	N.Q.
	Protein standards low range, prestained	2 Vials	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	US \$ 145/- (C&F) Rs. 14,500/- (ea) Pack of 500 ul Bio Rad Canada	N.Q.
	IPG strips (7cm, pH3-10)	5 pks each	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	US \$ 140/- (C&F) Rs. 14,000/- (ea) Pack of 12 Bio Rad Canada	N.Q.
	IPG strips (17cm, pH3-10)	5 pks each	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	US \$ 180/- (C&F) Rs. 18,000/- (ea) Pack of 12 Bio Rad Canada	N.Q.

Sl. No.	Item	Qty	N.S.T.	C.W.T.C.	S.S.P.L.	T.W.W.S.	S.B.D.P.	KHB	DJ Scientific	Bio Sciences
	Proteomic grade water	4x500 ml	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	US \$ 80/- (C&F) Rs. 8,000/- (ea) Pack of 500 ml Bio Rad Canada	N.Q.
	Tributyl phosphine for electrophoresis	5x5 g	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	US \$ 80/- (C&F) Rs. 8,000/- (ea) Pack of 0.6 ml Bio Rad Canada	N.Q.
	CHAPS for protein electrophoresis	2x5 g	N.Q.	N.Q.	N.Q.	Rs. 15,640/- (ea) Pack of 5 gm Carh Roth	N.Q.	N.Q.	US \$ 220/- (C&F) Rs. 22,000/- (ea) Pack of 5 gm Sigma	N.Q.
	Sample loading tips for protein electrophoresis	2x1000	N.Q.	N.Q.	Rs. 5,600/- (ea) Pack of 200 Life Technolog.	N.Q.	Rs. 2,840/- (ea) Bag of 1000 Rs. 5,950/- (ea) Bag of 960 Rs. 1,610/- (ea) Rs. 1,740/- (ea) Bag of 1000 Thermo Fisher	N.Q.	US \$ 45/- (C&F) Rs. 4,500/- (ea) Pack of 1000 Bio Basic	N.Q.

Item	Qty	N.S.T.	C.W.T.C.	S.S.P.L.	T.W.W.S.	S.B.D.P.	KHB	DJ Scientific	Bio Sciences
1. Micropipette (adjustable 200 ul.)	1	Rs. 22,040/- (each) Nichiryō Japan	€ 120/- (C&F) Rs. 15,360/- (ea) Vitlab Germany	Rs. 16,500/- (ea) Axygen	N.Q.	US \$ 225/- (C&F) Rs. 22,500/- (ea) Thermo Fisher	N.Q.	N.Q.	€ 243/- (C&F) Rs. 32,319/- (ea) Eppendorf
2. Micropipette (adjustable 1 ml)	1	Rs. 22,040/- (each) Nichiryō Japan	€ 120/- (C&F) Rs. 15,360/- (ea) Vitlab Germany	Rs. 16,500/- (ea) Axygen	N.Q.	US \$ 225/- (C&F) Rs. 22,500/- (ea) Thermo Fisher	N.Q.	N.Q.	€ 243/- (C&F) Rs. 32,319/- (ea) Eppendorf
3. Micropipette (adjustable 5 ml)	1	Rs. 22,040/- (each) Nichiryō Japan	€ 145/- (C&F) Rs. 18,560/- (ea) Vitlab Germany	Rs. 16,420/- (ea) Axygen	N.Q.	US \$ 225/- (C&F) Rs. 22,500/- (ea) Thermo Fisher	N.Q.	N.Q.	€ 243/- (C&F) Rs. 32,319/- (ea) Eppendorf
4. Disposable tips 200 ul	5x1000	Rs. 464/- (pack of 1000)	N.Q.	Rs. 1,150/- (ea) Pack of 1000 Axygen <i>Prapal Axygen Axygen</i>	N.Q.	Rs. 2,840/- (ea) Bag of 1000 Thermo Fisher	N.Q.	Rs. 310/- (ea) Pack of 1000 Nova Scotia	€ 36/- (C&F) Rs. 4,788/- (ea) Pack of 1000 Eppendorf

No.	Item	Qty	N.S.T.	C.W.T.C.	S.S.P.L.	T.W.W.S.	S.B.D.P.	KHB	DJ Scientific	Bio Sciences
2	Disposable tips 1 ml,	5x1000	Rs. 464/- (pack of 1000)	N.Q.	Rs. 1,500/- (ea) Pack of 1000 Axygen	N.Q.	Rs. 2,840/- (ea) Bag of 1000 Thermo Fisher	N.Q.	Rs. 430/- (ea) Pack of 500 Nova Scotia	€ 36/- (C&F) Rs. 4,788/- (ea) Pack of 1000 Eppendorf
3	Disposable tips 5 ml	5x1000	Rs. 5,800/- (Pack of 200)	€ 25/- (C&F) Rs. 3,200/- (ea) (Pack of 200) Vitlab Germany	Rs. 1,650/- (ea) Pack of 250 Axygen	N.Q.	Rs. 2,590/- (ea) Bag of 250 Thermo Fisher	N.Q.	Rs. 1,650/- (ea) Pack of 100 Nova Scotia	€ 49/- (C&F) Rs. 6,517/- (ea) Pack of 500 Eppendorf
1	Safe lock microtubes 0.5 ml	5x1000	N.Q.	€ 65/- (C&F) Rs. 8,320/- (ea) Pack of 500 Omnilab Germ	Rs. 990/- (ea) Pack of 1000 Axygen	N.Q.	Rs. 3,190/- (ea) Pack of 1000 Thermo Fisher	N.Q.	US \$ 7/- (C&F) Rs. 700/- (ea) Pack of 1000 Nova Scotia	€ 44/- (C&F) Rs. 5,852/- (ea) Pack of 500 Eppendorf

No.	Item	Qty	N.S.T.	C.W.T.C.	S.S.P.L.	T.W.W.S.	S.B.D.P.	KHB	DJ Scientific	Bio Sciences
2	Safe lock microtubes, 1.5 ml	5x1000	N.Q.	€ 85/- (C&F) Rs. 10,880/- (ea) (pack of 3000) Vitlab Germany Alternate: € 65/- (C&F) Rs. 8,320/- (ea) Pack of 1000 Omnilab Germ	Rs. 1,050/- (ea) Pack of 1000 Axygen	N.Q.	Rs. 1,800/- (ea) Pack of 500 Thermo Fisher	Rs. 1,500/- (ea) Pack of 1000 Orange Scientific	US \$ 5.80 (C&F) Rs. 580/- (ea) Pack of 500 Nova Scotia 1160 1000	€ 44/- (C&F) Rs. 5,852/- (ea) Pack of 500 Eppendorf
3	Safe lock microtubes 2.0 ml	5x1000	N.Q.	€ 80/- (C&F) Rs. 10,240/- (ea) Pack of 1000 Omnilab Germ	N.Q.	N.Q.	Rs. 4,410/- (ea) Pack of 500 Thermo Fisher	N.Q.	US \$ 6.60 (C&F) Rs. 660/- (ea) Pack of 500 Nova Scotia	€ 62/- (C&F) Rs. 8,246/- (ea) Pack of 500 Eppendorf
1	Falcon tubes 15 ml,	2x500	Rs. 5,452/- (Pack of 500)	€ 195/- (C&F) Rs. 24,960/- (ea) Pack of 500 Omnilab Germ	Rs. 7,000/- (ea) Case of 500 Axygen	Rs. 800/- (ea) Bag of 20 Biologix USA 20000 / 500	Rs. 10,080/- (ea) Rs. 9,070/- (ea) Case of 500 Biologix China	N.Q.	US \$ 6.40/- (C&F) Rs. 640/- (ea) Pack of 100 Nova Scotia 3200 / 500	N.Q.

S.No.	Item	Qty	N.S.T.	C.W.T.C.	S.S.P.L.	T.W.W.S.	S.B.D.P.	KHB	DJ Scientific	Bio Sciences
2	Falcon tubes 50 ml ✓	2x500	Rs. 6,438/- (Pack of 500)	€ 235/- (C&F) Rs. 30,080/- (ea) Pack of 500 Omnilab Germ	Rs. 8,250/- (ea) Case of 500 Axygen	Rs. 800/- ea Bag of 20 Biologix USA	Rs. 13,610/- (ea) Rs. 12,850/- (ea) Case of 500 Biologix China	N.Q.	US \$ 4.40 (C&F) Rs. (44/-) (ea) ¹⁴⁴⁰ Pack of 50 Nova Scotia	N.Q.
	UV Cuvette 50 ul, 200 ul	2 each	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.
	Syringe Filter (0.22 micron) ✓	4 pks	Rs. 3,712/- Pack of 100 Jethiofil PVDF Alternate: Rs. 3,712/- Pack of 100 ✓	N.Q.	Rs. 22,000/- (ea) VWR	N.Q.	US \$ 150/- (C&F) Rs. 15,000/- (ea) Case of 50 Thermo Fisher	Rs. 3,500/- (ea) Pack of 50 Filter Tech USA Novo 1500/100	US \$ 15/- (C&F) Rs. 1,500/- (ea) Pack of 10 Bio Basic 1500/100	N.Q.
	96 Well plates, white	100	N.Q.	€ 85/- (C&F) Rs. 10,880/- (ea) Pack of 100 Omnilab Germ	Rs. 8,500/- (ea) Pack of 100 Axygen	N.Q.	US \$ 165/- (C&F) Rs. 16,500/- (ea) Case of 50 Nunc Denmark	N.Q.	US \$ 350/- (C&F) Rs. 35,000/- (ea) Pack of 50 Sigma	€ 319/- (C&F) Rs. 42,427/- (ea) Pack of Eppendorf

Sl. No.	Item	Qty	N.S.T.	C.W.T.C.	S.S.F.L.	T.W.W.S.	S.B.D.P.	KHB	DJ Scientific	Bio Sciences
	Centrifugal filter devices (4 ml capacity, cut-off: 3, 10kDa)	4x24	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	US \$ 220/- (C&F) Rs. 22,000/- (ea) Pack of 24 Millipore Canada	N.Q.

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**THIRD WORLD CENTER FOR CHEMICAL
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COMPARATIVE STATEMENT OF THE TENDER NOTICE NO. TWC-160413

Sl. No.	Item	Qty	S.S.P.L.	T.W.W.S.	Zedco	S.B.D.P.	KHB	DJ Scientific
✓	Ammonium acetate	2x250 g	Rs. 3,000/- (ea) Pack of 500g VWR	N.Q.	N.Q.	Rs. 8,680/- (ea) Pack of 500 gm Serva Germany	N.Q.	US \$ 33/- (C&F) Rs. 3,300/- (ea) Pack of 1 kg RDH
	Ammonium bicarbonate	2x500 g	Rs. 4,500/- (ea) Pack of 1 kg VWR	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.
✓	3-[(3-Cholamidopropyl)- dimethylammonio]-1- propanesulfonate hydrate	5x1 g	N.Q.	N.Q.	N.Q.	N.Q.	Rs. 14,250/- (ea) Pack of 10 gm CMS Chemicals	US \$ 360/- (C&F) Rs. 36,000/- (ea) Pack of 5 gm Sigma

No.	Item	Qty	S.S.P.I.	T.W.W.S.	Zedco	S.B.D.P.	KHB	DJ Scientific
1	Tris Base	2x1 kg	Rs. 8,000/- (ca) Pack of 1 kg VWR <i>Ammonium 201</i> Rs. 9,500/- (ca) Pack of 1 kg Invitrogen	N.Q.	N.Q.	Rs. 15,520/- (ca) Pack of 1 kg Serva Germany	Rs. 4,500/- (ca) Pack of 1 kg Bio World <i>99.2%</i>	US \$ 144/- (C&F) Rs. 14,400/- (ex) Pack of 2.5 kg Bio Basic
	Glycine	2x1 kg	Rs. 4,000/- (ca) Pack of 500 gm Invitrogen <i>8000</i> Rs. 10,650/- (ca) Pack of 1 kg VWR	N.Q.	N.Q.	N.Q.	Rs. 3,500/- (ca) Pack of 1 kg Bio World	US \$ 100/- (C&F) Rs. 10,000/- (ca) Pack of 1 kg MP Bio US \$ 72.20 (C&F) Rs. 7,220/- (ca) Pack of 1 kg Sigma
	Ammonium sulphate	2x5 kg	Rs. 12,000/- (ca) Pack of 5 kg VWR <i>Ammonium 201</i> <i>99.2%</i>	N.Q.	N.Q.	Rs. 7,630/- (ca) Pack of 1 kg Serva Germany	N.Q.	US \$ 11/- (C&F) Rs. 1100/- (ca) Pack of 1 kg Dejung Korea

No.	Item	Qty	S.S.P.L.	T.W.W.S.	Zedco	S.B.D.P.	KHB	DJ Scientific
	TEMED	100 ml	Rs. 7,000/- (ea) Pack of 100 ml VWR Rs. 4,085/- (ea) Pack of 30 ml Invitrogen	N.Q.	N.Q.	Rs. 5,000/- (ea) Pack of 25 ml Serva Germany	N.Q.	US \$ 40/- (C&F) Rs. 4,000/- (ea) Pack of 100 ml Bio Basic
	Riboflavin 5'phosphate	25 mg	Rs. 4,650/- (ea) Pack of 25 gm VWR	N.Q.	N.Q.	N.Q.	N.Q.	US \$ 40/- (C&F) Rs. 4,000/- (ea) Pack of 1 gm MP Bio US \$ 100/- (C&F) Rs. 10,000/- (ea) Pack of 25 mg Sigma
✓	Thiourea	2x500 g	Rs. 11,000/- (ea) Pack of 500 gm VWR Rs. 8,170/- (ea) Pack of 1 kg Invitrogen	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.

No.	Item	Qty	S.S.P.L.	T.W.W.S.	Zedco	S.B.D.P.	KHB	DJ Scientific
	MMP-2/MMP-9 substrate	5 mg	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	US \$ 140/- (C&F) Rs. 14,000/- (ea) Pack of 5 mg Sigma ✓
	MMP-2	10 ug	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	US \$ 180/- (C&F) Rs. 18,000/- (ea) Pack of 10 ug Sigma ✓
	MMP-9	10 ug	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	US \$ 480/- (C&F) Rs. 48,000/- (ea) 1 kit Sigma
	Proteinase K	2x 100 mg	Rs. 9,000/- (ea) Pack of 100 mg VWR Rs. 10,545/- (ea) Pack f 100 mg Invitrogen	Rs. 13,920/- (ea) Pack of 100 mg Carl Roth	Rs. 15,000/- (ea) Pack of 100 mg Qiagen	Rs. 16,320/- (ea) Pack of 100 mg Serva Germany	Rs. 3,980/- (ea) Pack of 100 mg Bio World	US \$ 135/- (C&F) Rs. 13,500/- (ea) Pack of 100 mg Sigma US \$ 165/- (C&F) Rs. 16,500/- (ea) Pack of 250 mg Bio Basic

No.	Item	Qty	S.S.P.L.	T.W.W.S.	Zedco	S.B.D.P.	KHB	DJ Scientific
1.	Ribonuclease A	2x50 mg	Rs. 18,900/- (ea) Pack of 250 mg VWR Rs. 12,650/- (ea) Pack of 10 ml Invitrogen	Rs. 5,250/- (ea) Pack of 10 mg	N.Q.	Rs. 9,210/- (ea) Pack of 50 mg Serva Germany	Rs. 3,899/- (ea) Pack of 100 mg Bio World	US \$ 65/- (C&F) Rs. 6,500/- (ea) Pack of 100 mg Bio Basic
2.	Polyvinylpyrrolidone	500 g	Rs. 12,000/- (ea) Pack of 500 gm VWR	N.Q.	N.Q.	N.Q.	Rs. 3,000/- (ea) Pack of 250 gm Bio Basic	US \$ 42/- (C&F) Rs. 4,200/- (ea) Pack of 250 gm Bio Basic US \$ 190/- (C&F) Rs. 19,000/- (ea) Pack of 500 gm Sigma
3.	Buffer tablets, pH 4 and 7 Sigma 82560-4 82561-7	1 pk each	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	US \$ 90/- (C&F) Rs. 9,000/- (ea) Pack of 50 tab. Sigma US \$ 150/- (C&F)

No.	Item	Qty	S.S.P.L.	T.W.W.S.	Zedco	S.B.D.P.	KHB	DJ Scientific
	3-[N,N-Dimethyl(3-myristoylamino)propyl] ammonio] propanesulfonate	5x1 g	N.Q.	N.Q.	N.Q.		N.Q.	US \$ 60/- (C&F) Rs. 6,000/- (ea) Pack of 1 gm Sigma
	Sodium deoxycholate	2x100 g 100g only	Rs. 8,000/- (ea) Pack of 100 gm VWR Purchased	N.Q.	N.Q.		Rs. 21,985/- (ea) Pack of 100 gm Sigma	Us \$ 140/- (C&F) Rs. 14,000/- (ea) Pack of 100 gm Sigma Us \$ 105/- (C&F) Rs. 10,500/- (ea) Pack of 250 gm Bio Basic Purchased
	3-(Decyldimethylammonio) propane sulfonate	2x5 g	N.Q.	N.Q.	N.Q.		Rs. 16,985/- (ea) Pack of 5 gm Sigma	US \$ 100/- (C&F) Rs. 10,000/- (ea) Pack of 5 gm Sigma

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No.	Item	Qty	S.S.P.L.	T.W.W.S.	Zedco	S.B.D.P.	KHB	DJ Scientific
	Sepharose CL-6B	500 ml	Rs. 30,000/- (ea) Pack of 5 ml Invitrogen Rs. 84,000/- (ca) Pack of 25 ml Invitrogen	N.Q.	N.Q.		Rs. 165,500/- (ea) Pack of 500 ml Bio World	US \$ 750/- (C&F) Rs. 75,000/- (ca) Pack of 500 ml Sigma

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