

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-290112

3. Tender Description/Name of work/item: Purchase of chemicals, consumables & scientific appliances for research work.

4. Method of Procurement: Single Stage – Single Envelope

5. Tender Published: SPPRA Sr. No. 10659; ID: 6274/2011
Print & Electronic Media (SPPRA ID No. & News papers names with dates)

6. Total Bid documents Sold; 11 (Eleven)

7. Total Bids Received: 11 (Eleven)

8. Technical Bid Opening date: (if applicable) N.A. (Provide details in separate form)

9. No. of Bid technically qualified (if applicable): N.A.

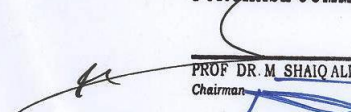
10. Bid(s) Rejected: 1 (one)

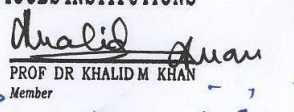
11. Financial Bid Opening date: 29-1-2012

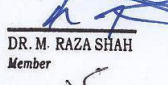
12. Bid Evaluation Report:

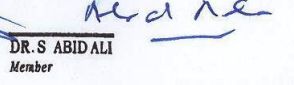
<i>S No</i>	<i>Name of Firm or Bidder</i>	<i>Cost offered by the Bidder</i>	<i>Ranking in terms of cost</i>	<i>Comparison with Estimated cost</i>	<i>Reasons for acceptance/rejection</i>	<i>Remarks</i>
0	1	2	3	4	5	6
1.	Musaji Adam & Sons	N.A.	1 st lowest in 9 items	N.A.	According to specs and lowest	Recommended to place order of 9 items
2.	Analytical Measuring Systems	N.A.	1 st lowest in 8 items	N.A.	According to specs and lowest	Recommended to place order of 8 items
3.	Analytical Instrument Services	N.A.	1 st lowest in 3 items	N.A.	According to specs and lowest	Recommended to place order of 3 items
4.	Scientific Supplies (Pvt.) Ltd.	N.A.	1 st lowest in 5 items	N.A.	According to specs and lowest	Recommended to place order of 5 items
5.	DJ Scientific	N.A.	1 st lowest in 3 items	N.A.	According to specs and lowest	Recommended to place order of 3 items
6.	Sure Bio Diagnostic & Pharmaceuticals	N.A.	1 st lowest in 6 items	N.A.	According to specs and lowest	Recommended to place order of 6 items
7.	Chemical House	N.A.	Not lowest in any item	N.A.	According to specs but not lowest	Not recommended
8.	The World Wide Scientific	N.A.	Not lowest in any item	N.A.	According to specs but not lowest	Not recommended
9.	Bio Sciences	N.A.	Not lowest in any item	N.A.	According to specs but not lowest	Not recommended
10.	Nawaid Scientific Traders	N.A.	Not lowest in any item	N.A.	According to specs but not lowest	Not recommended

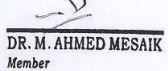
PURCHASE COMMITTEE, ICCBS INSTITUTIONS


PROF. DR. M. SHAIQ ALI
 Chairman


PROF. DR. KHALID M. KHAN
 Member


DR. M. RAZA SHAH
 Member


DR. S. ABID ALI
 Member


DR. M. AHMED MESAIK
 Member

Signatures of the Members of the Committee

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

Comparative statement of the Tender Notice No. TWC-290112 (Chemicals)

S.No.	Item	Quantity	DJ Scientific	S.S.P.L.	M.A.S.	A.I.S.	T.W.W.S.	A.M.S.	S.B.D.P.	N.S.T.
1.	2-Amino-2methyl 1-propanol	2 x 250 ml	Rs. 10,800/- (C&F) (500 ml) Bio Basic Rs. 13,500/- (2x250 ml) Sigma	N.Q.	Rs. 5,000/- (500 ml) ✓ Alfa Aesar	Rs., 9,360/- (500 ml) Fluka	N.Q.	Rs. 7,488/- (C&F) (500 ml) Fluka	N.Q.	N.Q.
2.	Hyaluronidase	100 mg	Rs. 8,600/- (100 mg) Sigma	N.Q.	N.Q.	Rs. 6,883/- (100 mg) Sigma	N.Q.	Rs. 5,507/- (100 mg) (C&F) Sigma ✓	Rs. 9,080/- (100 mg) Serva Germany	N.Q.
3.	Hyaluronic acid high purity	2 x 100 mg	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	Rs. 99,528/- (C&F) (50 mg) Sigma	N.Q.	N.Q.
4.	Hyaluronic acid sodium salt from <i>Streptococcus equi</i>	1G	Rs. 10,850/- (1 gm) Sigma	N.Q.	N.Q.	Rs. 8,677/- (1 gm) Sigma	N.Q.	Rs. 6,942/- (C&F) ✓ (1 gm) Sigma	N.Q.	N.Q.

S.No.	Item	Quantity	DJ Scientific	S.S.P.L.	M.A.S.	A.I.S.	T.W.W.S.	A.M.S.	S.B.D.P.	N.S.T.
5.	Tris base	2 Kg	Rs. 18,000/- (C&F) (2.5 kg) Bio Basic	Rs. 22,680/- (2 kg) Invitrogen	Rs. 9,785/- (1 kg) Scharlau	R. 6,182/- (1 kg) Amresco	Rs. 8,500/- (1 kg) Phyto Tech	Rs. 25,896/- (1 kg) (C&F) Sigma	Rs. 9,500/-* (1 kg) Ser Germany 1 kg	N.Q.
6.	Glycine	3 Kg	Rs. 16,920/- (C&F) (2.5 kg) Bio Basic	Rs. 26,100/- (2.5 kg) Invitrogen	Rs. 39,00/- (1 kg) Scharlau	Rs. 3,750/- (1 kg) Amresco	Rs. 5,000/- (1 kg) Phyto Tech	Rs. 16,548/- (1 kg) (C&F) Sigma	Rs. 5,180/-* (1 kg) Serva 1 kg	N.Q.
7.	Ammonium Sulphate	2 x 5 Kg	Rs. 14,400/- (C&F) (2.5 kg) Bio Basic	N.Q.	Rs. 5,500/- (5 kg) Scharlau	Rs. 12,516/- (5 kg) Amresco	N.Q.	Rs. 15,070/-* (5 kg) X 2 (C&F) Fluka 30146	Rs. 31,300/- (5 kg) Serva	N.Q.
8.	Trypan Blue	25 gm	Rs. 3,700/- (25 gm) Sigma	N.Q.	Rs. 4,140/- (25 gm) Alfa Aesar	N.Q.	Rs. 18,800/- (10 ml) Bio Vision	Rs. 5,944/- (25 gm) (C&F) Sigma	N.Q.	N.Q.
9.	Nitrotetrazolium blue	1 kg	Rs. 8,460/- (C&F) (1 gm) Bio Basic	N.Q.	Rs. 14,250/- (0.5 gm) Alfa Aesar	Rs. 9,290/- (1 gm) Amresco	Rs. 13,900/- (1 gm) Phyto Tech	Rs. 30,576/- (1 gm) (C&F) Sigma-Ald	Rs. 4,970/- (250 mg) Serva	N.Q.
10.	Doxorubicin	10mg	Rs. 22,050/-* (C&F) (10 mg) MP Bio Rs. 34,700/- (10 mg) Sigma	N.Q.	N.Q.	Rs. 45,337/- (10 mg) Sigma	N.Q.	Rs. 36,270/- (10 mg) (C&F) Sigma	N.Q.	N.Q.

* High purity required for protein study

S.No.	Item	Quantity	DJ Scientific	S.S.P.L.	M.A.S.	A.I.S.	T.W.W.S.	A.M.S.	S.B.D.P.	N.S.T.
11.	Thiazolyl blue Tetrazolium Bromide	1g	Rs. 7,650/- (C&F) (1 gm) Bio Basic	N.Q.	Rs. 5,850/- (1 gm) Alfa Aesar	Rs. 5,224/- (1 gm) Amresco	Rs. 9,500/- (1 gm) Carl Roth	Rs.11,887/- (1 gm) (C&F) Sigma	Rs. 5,400/-* (1 gm) Serva ✓	N.Q.
12.	In vitro toxicity assay kit, MTT based	1 kit	Rs. 60,000/- (ea) Sigma	N.Q.	N.Q.	Rs. 99,840/- (1 kit) Sigma	N.Q.	Rs. 79,872/- (1 kit) (C&F) Sigma	N.Q.	N.Q.
13.	In vitro toxicity assay kit, XTT based	1 kit	Rs. 39,500/- (ea) Sigma	N.Q.	N.Q.	Rs. 50,407/- (1 kit) Sigma	N.Q.	Rs. 40,326/- (1 kit) (C&F) Sigma	N.Q.	N.Q.
14.	TEMED	100ML	Rs. 9,000/- (C&F) (100 ml) Bio Basic	Rs. 13,230/- (90 ml) Invitrogen	Rs. 5,900/- (100 ml) Scharlau	N.Q.	Rs. 5,500/- (100 ml) Carl Roth	Rs. 25,038/- (100 ml) (C&F) Sigma	Rs. 3,240/- (100 ml) Serva ✓	N.Q.
15.	Riboflavin 5' phosphate	25 mg	Rs. 3,600/- (C&F) (1 gm) MP Bio Rs. 10,800/- (25 mg) Sigma	N.Q.	Rs. 4,650/- (10 gm) Alfa Aesar	Rs. 16,633/- (25 mg) Sigma	N.Q.	Rs. 13,307/- (25 mg) (C&F) Sigma	Rs. 4,540/- (25 gm) Serva	N.Q.

S.No.	Item	Quantity	DJ Scientific	S.S.P.L.	M.A.S.	A.I.S.	T.W.W.S.	A.M.S.	S.B.D.P.	N.S.T.
16.	o-Cresolphthalein	5 x 1g	Rs. 4,950/- (C&F) (25 gm) Bto Basic	N.Q.	Rs. 15,400/- (25 gm) Scharlau	Rs. 7,429/- (1 gm) Sigma	N.Q.	Rs. 5,944/- (1 gm) ✓ (C&F) Sigma-Ald	N.Q.	N.Q.
17.	MMP-2/MMP-9 substrate	5mg	Rs. 21,000/- (5 mg) Sigma	N.Q.	N.Q.	Rs. 21,450/- (5 mg) Sigma	N.Q.	Rs. 17,160/- (5 mg) (C&F) Sigma	N.Q.	N.Q.
18.	MMP-2	10 ug	Rs. 39,200/- (10 ug) Sigma	N.Q.	N.Q.	Rs. 42,705/- (10 ug) Sigma	Rs. 56,000/- (5 ug) Enzo Life	Rs. 34,164/- (10 ug) ✓ (C&F) Sigma	N.Q.	N.Q.
19.	MMP-9	10 ug	N.Q.	N.Q.	N.Q.	Rs. 105,300/- (10 ug) Sigma	Rs. 47,000/- (5 ug) Enzo Life	Rs. 84,240/- (10 ug) (C&F) Sigma	N.Q.	N.Q.
20.	Proteinase K	2x100 mg	Rs. 20,250/- (C&F) (250 mg) MP Bto	Rs. 19,980/- (200 mg) Invitrogen 9990/100mg	Rs. 3,800/- (11 mg) Hyclone 34200/199mg	Rs. 8,988/- (100 mg) Amresco	Rs. 9,500/- (100 mg) Thermo Fimmzyme	Rs. 16,848/- (100 mg) (C&F) Sigma	Rs. 13,230/- (200 mg) Bioron FRG 6615/100mg ✓	N.Q.

S.No.	Item	Quantity	DJ Scientific	S.S.P.L.	M.A.S.	A.I.S.	T.W.W.S.	A.M.S.	S.B.D.P.	N.S.T.
21.	Ribonuclease A	2 x 50mg	Rs. 7,200/- (C&F) (100 mg) MP Bio Rs. 7,560/- (C&F) (100 mg) Bio Basic	Rs. 28,000/- (20 mg) Invitrogen	Rs. 3,500/- (0.2 ml) Hyclone	Rs. 13,876/- (250 mg) Amresco	Rs. 13,780/- (100 mg) Carl Roth	Rs. 4,118/-* (50 mg) (C&F) Sigma	Rs. 7,560/- (50 mg) Serva	N.Q.
22.	Polyvinylpyrrolidone	500 g	Rs. 11,610/- (C&F) (250 gm) Bio Basic	N.Q.	Rs. 2,950/- (100 gm) Scharlau	Rs. 5,544/- (500 gm) Aresco	Rs. 6,900/- (500 gm) Phyto Tech	Rs. 24,258/-* (500 gm) ✓ (C&F) ✓ Sigma Ald	N.Q.	N.Q.
23-1	Buffer tablets, pH 4.0	1 pk	Rs. 15,500/- (50 tablets) Sigma	N.Q.	Rs. 2,600/- (50 Tab.) BDH	N.Q.	N.Q.	Rs. 11,747/- (50 Tab.) (C&F) Fluka	N.Q.	N.Q.
23-2	Buffer tablets, pH 7.0	1 pk	Rs. 15,500/- (50 tablets) Sigma	Rs. 6,500/- (100 tablets) Invitrogen	Rs. 2,600/- (50 Tab.) BDH	N.Q.	N.Q.	Rs. 11,747/- (50 Tab.) (C&F) Fluka	N.Q.	N.Q.
24.	pH papers - Universal indicator paper type Eco	(roll - 5m long/9mm wide):	N.Q.	N.Q.	Rs. 950/- (each) Toyo Japan	N.Q.	N.Q.	Rs. 4,446/- (ea) (C&F) Fluka	N.Q.	Rs. 609/- (each roll) MN German

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25.	Dithiothreitol	2 x 5g	Rs. 14,670/- (C&F) 98% (5 gm) TCI Japan	Rs. 11,650/- (5 gm) Invitrogen	Rs. 16,245/- (10 gm) Scharlau	Rs. 5,880/- (5 gm) Amresco 11-100 ✓	Rs. 5,900/- (5 gm) Phyto Tech	Rs. 17,706/- (5 gm) (C&F) Fluka 99%	Rs. 9,720/- (5 gm) Serva	N.Q.
26.	EDTA	500g	Rs. 10,800/- (C&F) (500 gm) Bio Basic	Rs. 10,500/- (500 gm) Invitrogen	Rs. 3,135/- (500 gm) Scharlau	Rs. 2,856/- (500 gm) Amresco	Rs. 5,700/- (500 gm) Phyto Tech	Rs. 5,990/-* (500 gm) (C&F) Sigma-Ald	Rs. 2,480/- (100 gm) Rs. 9,080/- (1 kg) Serva	N.Q.

Items marked with asterisk are of high purity with defined specifications i.e. for trace impurities.

10/10/20

Aliq Abbas

PREPARED BY: SHABBIR AHMED

**THIRD WORLD CENTER FOR CHEMICAL SCIENCES
INTERNATIONAL CENTER FOR CHEMICAL AND BIOLOGICAL SCIENCES
UNIVERSITY OF KARACHI
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Comparative statement of the Tender Notice No. TWC-290112 (Consumables & kits)

S.No.	Item	Qty required	DJ Scientific	S.S.P.L.	M.A.S.	A.I.S.	S.B.D.P.	C.H.	Bio Sciences	N.S.T.
1.	Ready Gels for Mini protean III-4-20% gradient (pack of 10, 10 wells)	5 pks	Rs. 51,660/- (ea) (C&F) Bio-Rad Canada	N.Q.	N.Q.	N.Q.	N.Q.	Rs. 18,135/- (each) (C&F) Bio Rad USA	N.Q.	N.Q.
2.	Ready Gels for Mini protean III-4-2-% gradient (pack of 10, IPG comb)	5 pks	Rs. 12,600/- (ea) (C&F) Bio-Rad Canada	N.Q.	N.Q.	N.Q.	N.Q.	Rs. 18,135/- (each) (C&F) Bio Rad USA	N.Q.	N.Q.
3.	Ready Gels for Protean II-4-20% gradient (pack of 10)	5 pks	Rs. 12,600/- (ea) (C&F) Bio-Rad Canada	N.Q.	N.Q.	N.Q.	N.Q.	Rs. 9,945/- (each) (C&F) Bio Rad USA	N.Q.	N.Q.
4.	Ready Gels for IEF	2 pks	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	Rs. 4,680/- (each) (C&F) Bio Rad USA	N.Q.	N.Q.

S.No.	Item	Qty required	DJ Scientific	S.S.P.L.	M.A.S.	A.I.S.	S.B.D.P.	C.H.	Bio Sciences	N.S.T.
5.	Gel code Blue stain Safe stain	3 pks	Rs. 8,550/- (ea) (C&F) Bio-Rad Canada	Rs. 19,000/- (ea) Rs. 31,770/- (ea) Invitrogen	Rs. 18,000/- (500 ml) Pierce	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.
6.	Syber Green	1 g	Rs. 16,020/- (ea) (C&F) Bio-Rad Canada	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.
7.	Coomassie Plus Bradford protein estimation reagent	2x1L	Rs. 15,660/- (ea) (C&F) Bio-Rad Canada	Rs. 31,770/- (ea) Invitrogen	Rs. 40,000/- (950 ml) Pierce	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.
8.	Readyprep 2D Clon up Kit	4	Rs. 13,500/- (ea) (C&F) Bio Rad Canada	N.Q.	Rs. 52,000/- (1 kit) Pierce	N.Q.	N.Q.	Rs. 34,983/- (each) (C&F) Bio Rad USA	N.Q.	N.Q.
9.	Readyprep 2D Starter kit	4	Rs. 27,900/- (ea) (C&F) Bio Rad Canada	N.Q.	N.Q.	N.Q.	N.Q.	Rs. 42,705/- (each) (C&F) Bio Rad USA	N.Q.	N.Q.
10.	Readyprep 2D Rehydration buffer	4 pks	Rs. 4,680/- (ea) (C&F) Bio Rad Canada	N.Q.	N.Q.	N.Q.	N.Q.	Rs. 6,435/- (each) (C&F) Bio Rad USA	N.Q.	N.Q.

S.No.	Item	Qty required	DJ Scientific	S.S.P.L.	M.A.S.	A.I.S.	S.B.D.P.	C.H.	Bio Sciences	N.S.T.
11.	Protein standards Low range, prestained	2 Vials	Rs. 11,250/- (ea) (C&F) Bio Rad Canada	Rs. 14,000/- (ea) (2x250 ul) Invitrogen	Rs. 12,250/- (250 ul) R.B.C.	Rs. 19,740/- (0.5 ml) Amresco	N.Q.	Rs. 25,740/- (each) (C&F) Bio Rad USA	N.Q.	N.Q.
12.	IPG strips (7cm, pH-10)	5 pks each	Rs. 10,350/- (C&F) Bio Rad Canada	N.Q.	N.Q.	N.Q.	Rs. 14,900/- (12 strips ea) Serva	Rs. 10,530/- (each) (C&F) Bio Rad USA	N.Q.	N.Q.
13.	IPG strips (17 cm, pH3-10)	5 pks each	Rs. 13,410/- (ea) (C&F) Bio Rad Canada	N.Q.	N.Q.	N.Q.	Rs. 21,380/- (12 strips ea) Serva	Rs. 15,795/- (each) (C&F) Bio Rad USA	N.Q.	N.Q.
14.	Proteomic grade water	4x500 ml	Rs. 5,310/- (ea) (C&F) Bio-Rad Canada	Rs. 2,650/- (ea) (500 ml) Invitrogen	Rs. 6,500/- Hyclone Rs. 15,000/ (1L) Pierce	Rs. 3,208/- (500 ml) Amresco	N.Q.	Rs. 5,265/- (each) (C&F) Bio Rad USA	N.Q.	N.Q.
15.	Tributyl phosphine for electrophoresis	5x5g	Rs. 5,400/- (ea) (C&F) Bio Rad Canada	N.Q.	Rs. 3,715/- (50 gm) Alfa Aesar	N.Q.	N.Q.	Rs. 9,360/- (each) (C&F) Bio Rad USA	N.Q.	N.Q.

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16.	CHAPS for protein electrophoresis	5x5g	Rs. 7,470/- (ea) (C&F) Bio Rad Canada	Rs. 17,000/- (5 gm) Invitrogen	Rs. 6,000/- (5 gm) USA <i>2550/-</i>	Rs. 7,072/- (5 gm) Amresco	Rs. 9,080/- (5 gm) Serva	Rs. 15,210/- (each) (C&F) Bio Rad USA	N.Q.	N.Q.
17.	Protein enrichment kit		Rs. 71,370/- (ea) (C&F) Bio Rad Canada	N.Q.	Rs. 135,000/- (1 kit) Pierce	N.Q.	Rs. 66,530/- (25 react) Rs. 89,640/- (100 react) Rs. 39,740/- (4 react) Serva	Rs. 46,683/- (each) (C&F) Bio Rad USA	N.Q.	N.Q.
18.	Sample loading tips for protein electrophoresis	2x1000	N.Q.	Rs. 6,250/- Pack of 200 Invitrogen	Rs. 6,050/- (400 pcs) Corning USA	N.Q.	Rs. 14,870/- (1632 tips) Rs. 17,580/- (800 tips) Rs. 9,780/- (1020 tips) Rs. 17,580/- (800 tips) Molecu. Bio	N.Q.	N.Q.	N.Q.
19-1	Micropipette (adjustable-200 ul)	2	Rs. 7,200/- (ea) (C&F) Capp Denmark	N.Q.	Rs. 16,500/- (each) Corning, USA	Rs. 7,050/- (each) Capps	Rs. 22,440/- (each) (C&F) Thermo Fish	N.Q.	Rs. 20,000/- (each) Eppendorf	Rs. 22,620/- (each) Nichtpet

S.No.	Item	Qty required	DJ Scientific	S.S.P.L.	M.A.S.	A.I.S.	S.B.D.P.	C.H.	Bio Sciences	N.S.T.
19-2	Micropipette (adjustable 1 ml)	2	Rs. 7,200/- (ea) (C&F) Capp Denmark	N.Q.	Rs. 16,500/- (each) Corning USA	Rs. 7,050/- (each) Capps	Rs. 22,440/- (each) (C&F) Thermo Fish	N.Q.	N.Q.	Rs. 22,620/- (each) Nichiryo
19-3	Micropipette (adjustable- 5 ml)	2	Rs. 7,200/- (ea) (C&F) Capp Denmark	N.Q.	N.Q.	Rs. 7,100/- (each) Capps	Rs. 23,970/- (each) (C&F) Thermo Fish	N.Q.	Rs. 20,000/- (each) Eppendorf	Rs. 24,360/- Nichiryo
20-1	Disposable tips – 200 ul,	5x1000	Rs. 325/- (ea) Bag of 1000 Nova Scotia	Rs. 1,050/- (ea) Bag of 1000 Biologix China	Rs. 325/- (ea) Case of 1000 Kartell, Italy	Rs. 180/- (ea) Pack of 500 Spain 380/1000	Rs. 2,310/- Rs. 1,950/- (Bag of 1000) Molecular Bio	N.Q.	Rs. 4,680/- (pack of 1000) Eppendorf	Rs. 394/- Pack of 1000 Non-sterile
20-2	Disposable tips – 1 ml,	5x1000	Rs. 630/- (ea) Bag of 500 Nova Scotia 1260/1000	Rs. 1,400/- (ea) Bag of 1000 Biologix Cina	Rs. 580/- (ea) Case of 1000 Kartell Italy	Rs. 180/- (ea) Pack of 500 360/1000	Rs. 2,310/- (Bag of 1000) Molecular Bio	N.Q.	N.Q.	Rs. 406/- Pack of 1000 nonsterile
20-3	Disposable tips – 5 ml	5x1000	Rs. 1,850/- (ea) Bag of 100 Imported	N.Q.	Rs. 1,800/- Case of 100 Kartell Italy	N.Q.	Rs. 2,100/- (Bag of 250) Molecular Bio	N.Q.	Rs. 6,390/- Pack of 500 Eppendorf	Rs. 2,320/- Pack of 1000 Non-sterile
21-1	Safe lock microtubes – 0.5 ml	5x1000	Rs. 1,100/- (ea) Bag of 1000 Nova Scotia	N.Q.	Rs. 1,600/- Case of 1000 Kartell, Italy	Rs. 1,200/- Case of 1000 Spain	Rs. 2,900/- Pack of 1000 Molecular Bio	N.Q.	Rs. 7,770/- (500 pcs) Eppendorf	N.Q.

S.No.	Item	Qty required	DJ Scientific	S.S.P.L.	M.A.S.	A.I.S.	S.B.D.P.	C.H.	Bio Sciences	N.S.T.
25-1	Cryovials 2 ml	500	Rs. 25/- (each) Nov Scotia	Rs. 8,500/- (ea) Case of 500 Axygen USA	Rs. 9,500/- (500 pcs) Corning, USA	Rs. 4.50 (ea) (1.8 ml) Spain	Rs. 42,360/- Case of 1800 Nunc Denma	N.Q.	N.Q.	Rs. 2,900/- (500 nos) IMEC
25-2	Cryovials 5 ml	500	Rs. 31,500/- (ea) (Bag of 500) VWR Inc	Rs. 7,900/- Case of 500 Axygen USA	Rs. 11,500/- (500 pcs) Corning, USA	N.Q.	Rs. 33,240/- Case of 1200 Nunc Denm	N.Q.	N.Q.	N.Q.
26.	Syringe Filters (0.22 micron)	2 pks	Rs. 4,950/- (ea) (Box of 100) (C&F) Bio Basic	N.Q.	Rs. 6,000/- (50 pcs) ✓ Corning, USA ✓ 17,000/-	Rs. 5,700/- Pack of 100 Mewmbrane	Rs. 31,480/- Case of 50 Thermo Fish	N.Q.	N.Q.	Rs. 7,424/- Pack of 50 Sartorius Germany
27.	96 Well Plates, White	100	Rs. 31,500/- (ea) Box of 50 (C&F) Nunc USA	Rs. 18,990/- (ea) Case of 100 Axygen	Rs. 13,000/- (100 pcs) Corning, USA ✓ 13,000/-	N.Q.	Rs. 25,620/- (Case of 50) Nunc Denm	N.Q.	N.Q.	N.Q.
28-1	Centrifugal filter devices (4 ml capacity, Cuf-off: 3 kDa	4x24	Rs. 15,750/- (ea) Box of 24 (C&F) Millipore USA	N.Q.	Rs. 18,125/- (25 pcs) Corning, USA	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.
28-2	Centrifugal filter devices (4 ml capacity, Cuf-off: 10, kDa	4x24	Rs. 6,750/- (ea) Box of 8 (C&F) Millipore USA 20,000/-	N.Q.	Rs. 18,125/- (25 pcs) Corning, USA	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.

S.No.	Item	Qty required	DJ Scientific	S.S.P.L.	M.A.S.	A.I.S.	S.B.D.P.	C.H.	Bio Sciences	N.S.T.
28-3	Centrifugal filter devices (4 ml capacity, Cuf-off: 3, 10, 30 kDa)	4x24	Rs. 6,750/- (ea) Box of 8 (C&F) Millipore USA 30250	N.Q.	Rs. 18,125/- (25 pcs) Corning, USA	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.
29.	Horizontal electrophoresis sytem without power supply	1	N.Q.	N.Q.	N.Q.	Rs. 41,200/- (ea) Scie Plas	N.Q.	N.Q.	N.Q.	N.Q.
30.	4-20% gradient gels (10 gels/pk)	2 pks	N.Q.	N.Q.	N.Q.	N.Q.	Rs. 5,840/- (pack of 2) Serva FRG	N.Q.	N.Q.	N.Q.

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PREPARED BY: SHABBIR AHMED

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

Comparative statement of the Tender Notice No. TWC-290112 (Consumables & kits)

S.No.	Item	Qty	DJ Scientific	S.S.P.L.	M.A.S.	A.I.S.	A.M.S.	S.B.D.P.	C.H.	Bio Sciences	N.S.T.
1.	Nanotrap ESP		N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.
2.	Plant DNA extraction kit	2 kits	Rs., 38,200/- (ea) Sigma	Rs. 16,500/- (ea) Invitrogen 11/3000	Rs. 32,500/- (100 prep) RBC	N.Q.	Rs. 37,206/- (each) (C&F) Sigma	N.Q.	N.Q.	N.Q.	N.Q.
3.	DNA purification kit (100 prep)	1	N.Q.	Rs. 14,000/- (ea) Invitrogen	Rs. 9,900/- (100 prep) RBC	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.
4.	PCR kit (100 samples)	1	N.Q.	Rs. 11,650/- (ea) Invitrogen 11/600	Rs. 52,250/- (100 react) RBC	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.
5.	Sampe loading tips for DNA electrophoresis	2000	N.Q.	Rs. 1,050/- (1000 tips) Biologix China 2100	N.Q.	N.Q.	N.Q.	Rs. 14,870/- (Case of 1632) Rs. 17,580/- (Case of 800) Rs. 9,780/- (Case of 1020) Rs. 17,580/- (Case of 800) Molecular Bio	N.Q.	N.Q.	N

6.	Mini Subcell (GT 7x10 cms) with comb and polymerization tray	1	N.Q.	Rs. 66,000/- (ea) Biometra FRG	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.
7-1	Micropipette adjustable (2.5 ul)	2 Nos	Rs. 7,200/- (ea) (C&F) Capp Denmark	Rs. 18,650/- (ea) Axygen	Rs. 16,500/- (ea) Corning, USA	Rs. 7,050/- (each) Capps	N.Q.	N.Q.	Rs. 22,440/- (each) (C&F) Thermo Fish	N.Q.	Rs. 73,125/- (each) (C&F) Bio Rad USA	N.Q.	Rs. 24,360/- (each) Nichiryo
7-2	Micropipette adjustable (10 ul)	2 Nos	Rs. 7,200/- (ea) (C&F) Capp Denmark	Rs. 18,650/- (ea) Axygen	Rs. 16,500/- (ea) Corning, USA	Rs. 7,050/- (each) Capps	N.Q.	N.Q.	Rs. 22,440/- (each) (C&F) Thermo Fish	N.Q.	Rs. 20,000/- (each) Eppendorf	Rs. 22,620/- (each) Nichiryo	Rs. 22,620/- (each) Nichiryo
7-3	Micropipette adjustable (20 ul)	2 Nos	Rs. 7,200/- (ea) (C&F) Capp Denmark	Rs. 18,650/- (ea) Axygen	Rs. 16,500/- (ea) Corning, USA	Rs. 7,050/- (each) Capps	N.Q.	N.Q.	Rs. 22,440/- (each) (C&F) Thermo Fish	N.Q.	Rs. 20,000/- (each) Eppendorf	Rs. 22,620/- (each) Nichiryo	Rs. 22,620/- (each) Nichiryo
8.	Thin walled micro tubes for PCR - 200 ul, brn green , natural, red , yellow <i>brn</i>	2x1000 each	Rs. 2,700/- (ea) (C&F) Bag of 1000	Rs. 37,000/- (case of 1000) Axygen	Rs. 4,500/- (1000 pcs) Corning USA <i>2x1000</i>	N.Q.	N.Q.	Rs. 4,280/- (Rs. 4,080/- (Bag of 1000) Molecular Bio	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.
9-1	Disposable tips 2 ul, (sterile)	2x1000 each	Rs. 990/- (ea) (0.1-10 ul) (C&F) Pack of 1000 Bio Basic	Rs. 2,250/- (0.5-10ul) (Case of 1000) Axygen USA <i>2x1000</i>	N.Q.	Rs. 1,100/- (10 ul) Pack of 1000 Capps	N.Q.	N.Q.	Rs. 5,040/- (pack of 960) Molecular Bio	N.Q.	Rs. 7,220/- Pack of 1000 Eppendorf	Rs. 1044/- Each raci	Rs. 1044/- Each raci

S.No.	Item	Qty	DJ Scientific	S.S.P.L.	M.A.S.	A.I.S.	A.M.S.	S.B.D.P.	C.H.	Bio Sciences	N.S.T.
9-2	Disposable tips 10 ul, (sterile)	1000	Rs. 200/- (ea) (10 ul) Bag of 1000 Nova Scotia	N.Q.	Rs. 1,350/- (0.5 10 ul) (1000 pcs) Karrell, Italy	Rs. 950/- (10 ul) Pack of 1000 Spain	N.Q.	Rs. 5,040/- (pack of 960) Molecular Bio	N.Q.	Rs. 20,000/- (each) Eppendorf	Rs. 1,044/- Each rack
9-3	Disposable tips 20 ul (sterile)	1000	N.Q.	N.Q.	Rs. 750/- (2-20 ul) (1000 pcs) Karrell, Italy	N.Q.	N.Q.	Rs. 5,040/- (pack of 960) Molecular Bio	N.Q.	Rs. 20,000/- (each) Eppendorf	Rs. 1,044/- Each rack
10-1	Disposable tips 2 ul (non-sterile)	1000	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	Rs. 2,310/- (Bag of 1000) Molecular Bio	N.Q.	Rs. 7,220/- Pack of 1000 Eppendorf	Rs. 1,740/- Pack of 1000
10-2	Disposable tips 10 ul (non-sterile)	1000	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	Rs. 2,310/- (Bag of 1000) Molecular Bio	N.Q.	Rs. 7,220/- Pack of 1000 Eppendo	Rs. 1,740/- Pack of 1000
10-3	Disposable tips 20 ul (non-sterile)	1000	N.Q.	N.Q.	N.Q.	N.Q.	N.Q.	Rs. 2,310/- (Bag of 1000) Molecular Bio	N.Q.	Rs. 7,220/- Pack of 1000 Eppendo	N.Q.
11-1	PCR tubes - 0.2 ml	2x1000	Rs. 2,700/- (ea) (C&F) Bag of 1000 Bio Basic	Rs. 2,700/- (ea) Case of 1000 Biologix Chma	Rs. 4,500/- (1000 pcs) Corning, USA	N.Q.	N.Q.	Rs. 4,280/- (Bag of 1000) Molecular Bio	N.Q.	Rs. 17,415/- (1000 pcs) Eppendorf	
11-2	PCR tubes - 0.5 ml	2x1000	Rs. 2,700/- (ea) (C&F) Bag of 1000 Bio Basic	N.Q.	Rs. 4,500/- (1000 pcs) Corning, USA	N.Q.	N.Q.	Rs. 5,100/- (Bag of 1000) Molecular Bio	N.Q.	Rs. 5,700/- (500 pcs) Eppendorf	N.Q.

S.No.	Item	Qty	DJ Scientific	S.S.P.L.	M.A.S.	A.I.S.	A.M.S.	S.B.D.P.	C.H.	Bio Sciences	N.S.T.
12-1	Falcon tubes 15 ml	2x500	Rs. 1,100/- (ea) Pack of 100 Nova Scotia	Rs. 7,998/- (ea) Case of 500 Axygen USA	Rs. 7,500/- (500 pcs) Corning, USA	Rs. 11/- (ea) Spain	N.Q.	Rs. 7,010/- (Case of 500) Biologix China	N.Q.	N.Q.	Rs. 18.56 (each) Biologix USA
12-2	Falcon tubes 50 ml	2x500	Rs. 1,150/- (ea) Pack of 50 Nova Scotia	Rs. 8,998/- (ea) Case of 500 Biologix USA	Rs. 9,500/- (500 pcs) Corning, USA	Rs. 17/- (ea) Spain	N.Q.	Rs. 9,460/- (Case of 500) Biologix China	N.Q.	N.Q.	Rs. 20.88 (each) Biologix USA

Shabbir Ahmed

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