

DR. PANJWANI CENTER FOR MOLECULAR MEDICINE & DRUG RESEARCH  
INTERNATIONAL CENTER FOR CHEMICAL AND BIOLOGICAL SCIENCES  
UNIVERSITY OF KARACHI  
KARACHI-75270

**Tender Notice No: PCMD-090413**

Sealed tenders are invited from the sales tax registered with Sindh Revenue Board and income tax registered suppliers for purchase/ import on FOR/C&F price of the chemicals and consumables for center. The detail and specification of the items can be collected from Purchase Office of the Center, on any working day from 9.00 a.m. to 12.30 p.m. from the date of notification of this advertisement on the websites, on payment of Rs. 300/- (non-refundable), in shape of a pay order (Demand Draft by the out of Karachi suppliers), in favor of the Co-Director PCMD or downloaded from the websites [www.iccs.edu](http://www.iccs.edu) and [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk) The last day of issuing tenders is 08-04-2013. The tenders may be submitted with 2% of the bid price as bid security, in shape of a pay order in favor of the Co-Director PCMD, latest by 2.30 p.m. on 09-04-2013. The tenders will be opened in meeting room of the Center at 3.00 p.m. on the same day in presence of the bidders or their representatives. The Procuring Agency may reject all or any bid subject to relevant provision of SPP rules.

*Co- Director*

**DR. PANJWANI CENTER FOR MOLECULAR MEDICINE & DRUG  
RESEARCH**

**INTERNATIONAL CENTER FOR CHEMICAL AND BIOLOGICAL  
SCIENCES**

**UNIVERSITY OF KARACHI**

**KARACHI 75270, Tel: 111-222-292 Ext: 320**

**Tender Notice No: PCMD-A-260313**

# SUMMARY SHEET

The tender will be liable to be rejected if this form will not accompany the tender bid / quote

| SERIAL<br>No. | BID<br>VALUE | FOREIGN<br>CURRENCY | CONVERSION<br>RATE | PRICE IN<br>PKR |
|---------------|--------------|---------------------|--------------------|-----------------|
|               |              |                     |                    |                 |
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|                                  |              |              |
|----------------------------------|--------------|--------------|
| <b>TOTAL BID VALUE IN PKR</b>    |              |              |
| <b>Earnest Money @ 2% in PKR</b> |              |              |
| <b>Payorder / Bank Draft No:</b> |              | <b>Date:</b> |
| <b>Signature</b>                 | <b>Seal:</b> |              |

### Item Description

| S.NO. | Description   | SPECIFICATIONS  | QUANTITY   |
|-------|---|---|------------|
| 1.    | Hank's balanced saline  | Sterile-filtered, liquid  | 12 x 500ml |
| 2.    | Eagle's Minimum essential medium (MEM) with non-essential amino acids | Sterile-filtered, powder, for cell culture, with Hank's salts, without sodium bicarbonate, supplemented with 0.35gm/L sodium bicarbonate. | 10 L       |
| 3.    | Fetal bovine serum (FBS)  | Sterile-filtered, liquid, for cell culture, hemoglobin $\leq$ 20mg/dl   | 6 x 500ml  |
| 4.    | Dimethyl sulfoxide (DMSO)   | Sterile-filtered, liquid, tissue culture grade  | 2 x 100ml  |
| 5.    | Penicillin-Streptomycin   | Sterile-filtered, liquid, 10,000 units penicillin and 10 mg streptomycin/ml   | 6 x 100ml  |
| 6.    | Trypsin   | Liquid, animal origin, phenol-red, 0.25%  | 6 x 100ml  |
| 7.    | Giemsa solution   | Liquid, 0.4 % (w/v) in buffered methanol solution   | 1 x 500ml  |
| 8.    | Fixative (methanol: acetic acid)                                      | Liquid  | 2.5 L      |
| 9.    | Hoechst 33258   | Liquid  | 1 x 10 ml  |
| 10.   | Colcemid  | Sterile-filtered, liquid, 10 $\mu$ g/mL in HBSS   | 1 x 10ml   |
| 11.   | Horse serum   | Sterile-filtered, Liquid, 0.01% thimerosal  | 1 x 10 ml  |
| 12.   | Mycoplasma agar base  | For microbiology  | 1 x 500 G  |

|     |                               |  |            |
|-----|-------------------------------|--|------------|
| 13. | Thioglycollate medium         | For microbiology   | 1 x 500G   |
| 14. | Sabouraud dextrose broth      | For microbiology   | 1 x 500G   |
| 15. | Trypticase soy broth          | For microbiology   | 1 x 500G   |
| 16. | Brain heart infusion broth    | For microbiology   | 1 x 500G   |
| 17. | YM broth                      | For microbiology   | 1 x 500G   |
| 18. | Martin modified medium        | For microbiology   | 1 x 500G   |
| 19. | Nutrient agar                 | For microbiology   | 1 x 500G   |
| 20. | Nutrient broth                | For microbiology   | 1 x 500G   |
| 21. | DMEM: Ham's F12 mixture (1:1) | Sterile-filtered, liquid, phenol red indicator   | 12 x 500ml |
| 22. | Trypan Blue                   | Sterile-filtered, liquid, conc.0.4%, for cell culture  | 1 x 100ml  |
| 23. | Human Insulin                 | Sterile-filtered, solution, conc. 9.5-10.5 mg/ml, potency 0.001-20 µg/ml, recombinant from <i>Sacchromyces cerevisiae</i> suitable for cell culture. | 1 x 5 ml   |
| 24. | Kit for isoenzyme analysis    | AuthentiKit™ (Innovative Chemistry)<br>Equivalent to Cat no. E-552 C (MD) and Cat no. E-556 C (LD)   | 01 Kit     |

|     |   |  |      |
|-----|---|--|------|
| 1.  | 25 cm <sup>2</sup> and 75 cm <sup>2</sup> culture flask | Tissue culture treated, canted neck, cap (vented), flask rectangular, polystyrene rectangular, sterile, Max. Volume 10 ml.                     | 100  |
| 2.  | 12 and 96-well plates                                   | Tissue culture treated, <u>flat bottom</u> , with lid, sterile, full area plate, Polystyrene, Standard clear plate.                            | 200  |
| 3.  | 96-well plates  | Tissue culture treated, <u>round bottom</u> , with lid, sterile, full area plate, Polystyrene, Standard clear plate.                           | 50   |
| 4.  | Petri dishes  | Tissue culture treated, gamma-sterilized, DXH 100mmX20mm   | 100  |
| 5.  | Centrifuge tubes (15ml and 50ml)                        | Flat cap, sterile, certified non-pyrogenic, nuclease free  | 500  |
| 6.  | Pipette tips  | Sterile, autoclavable upto 121°C, nuclease free, non-pyrogenic, equivalent to eppendorf, with box, max. Vol. 0.1-10µL and 10-100µL and 1000µL. | 1000 |
| 7.  | Micro tubes (1.5 ml and 2 ml)                           | Sterile, autoclavable upto 121°C, nuclease free, non-pyrogenic.  | 500  |
| 8.  | Syringe filters (0.22µ)                                 | Membrane cellulose acetate, sterile  | 100  |
| 9.  | Vaccum filters 1L (0.22µ)                               | Membrane cellulose acetate, sterile  | 300  |
| 10. | Syringes (10ml)   | Sterile, non-pyrogenic   | 200  |
| 11. | Cryogenic vials   | Sterile, with box, round bottom, flat cap, orange polypropylene cap, 2 ml  | 50   |
| 12. | Multichannel reservoir                                  | Sterile, autoclavable upto 121° C, polystyrene, capacity 175 ml  | 100  |
| 13. | Serological pipettes(5ml,10ml,25ml)                     | Sterile, autoclavable upto 121°C, nuclease free, non-pyrogenic.  | 500  |

14. Test tubes  
(25 ml)

Sterile, autoclavable, tissue culture grade,  
type 1 borosilicate glass, well flat-bottom  
glass, smooth fire-polished rims, with cap.

250