

Government of West Bengal
Office of the Director
Institute of Post Graduate Medical education and Research
244, A.J.C. Bose Road, Kolkata-700020.

INST | Memo Number: 8373

Date: 14.5.18

Notice

Sealed quotations are invited from the interested company with superscription "Quotations for DBT (GOI) funded project of Center for Liver Research, Project No. BT/PR11971/MED/29/890/2014". vide memo no:.....dated for the following items. The quotations (separate financial and technical bid) should reach the office of the undersigned on or before 25.5.18 by 4 p.m. The quotations should accompany the current valid trade license, PAN No. and GST Registration certificate proof. Acceptance of the lowest rate is not obligatory for the undersigned who reserves the right to accept or reject any offer without assigning any reason whatsoever. Rate must be submitted with the company name and catalogue number after calculating 5% GST (as per Govt. rule for the reagents used in research) and other taxes if any according to the following format.
The quotation may be opened on 26.5.18 onward.

Name of the reagent (as per Specification)
MOPS
NaCl
Phenol solution
Cell Proliferation Reagent WST-1
Collagen Type IV from human cell culture
Amphotericin B solution
Histopaque®-1077
Glycine
Ficoll® Paque Plus
Penicillin-Streptomycin

A. K. S. 14-5-18
Director,
I.P.G.M.E. & R.
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Kolkata-700020
SR-PC
A. K. S. 14-5-18

Specification for quotation of reagents:

Manufacturer	Item	Specification
Sigma	MOPS-250g	<ul style="list-style-type: none"> • Morpholino propanesulfonic acid, a structural analog to MES, the ethanesulfonic acid. • Effective buffering range: pH 6.5-7.9
	NaCl-500g	<ul style="list-style-type: none"> • Used for the preparation of tris buffered saline, phosphate buffered saline, immunoprecipitation wash buffer, LB (Luria-Bertani) media and dialysis buffer. • pH range - 5.0-9.0 (25 °C, 5% in solution)
	Phenol solution-100ml	<ul style="list-style-type: none"> • A tris-equilibrated phenol solution is a clear liquid capped with a layer of Tris buffer. • Phenol solution is suitable for use in nucleic acid extraction using standard phenol-choloroform protocols.
	Cell Proliferation Reagent WST1-8ml	<ul style="list-style-type: none"> • Used for the nonradioactive, spectrophotometric quantification of cell proliferation and viability in cell populations using the 96-well-plate format. • Measurement of cell proliferation in response to growth factors, cytokines, mitogens, and nutrients. • Analysis of cytotoxic and cytostatic compounds, such as anti-cancer drugs and other pharmaceutical compounds
	Collagen Type IV from human cell culture – 1ml.	<ul style="list-style-type: none"> • Collagen IV, derived from human fibroblasts and epithelial cells. • It is used <i>in vitro</i> as a substrate to enhance adherence and proliferation of many cell types. • provided as a sterile solution at a concentration of 0.3mg/ml in 25% acetic acid.

Amphotericin B solution-20ml	<ul style="list-style-type: none"> • Polyene antifungal antibiotic from Streptomyce sp. • It has a high affinity for sterols, especially ergosterols, of both fungal and bacterial cell membranes. • Amphotericin B remains active for 3 days in culture at 37°C.
Histopaque®-1077-500ml	<ul style="list-style-type: none"> • Sterile, endotoxin tested solution of polysucrose and sodium diatrizoate, adjusted to a density of • 1.077g/mL. • Suitable for human lymphocyte antigen (HLA) typing and as the initial isolation step prior to enumeration of T, B, and 'null' lymphocytes.
Glycine-500g	<ul style="list-style-type: none"> • pI of 6.7, which is similar to the pH of stacking region in polyacrylamide gels. • To be used in the transfer buffer during western blotting procedure. • Used in the solution prepared for dissolving formazan crystals in the MTT (3-[4,5-dimethylthiazol-2-yl]-2,5 diphenyltetrazolium bromide) cytotoxicity assay.
Ficoll® Paque Plus-600ml	<ul style="list-style-type: none"> • Liquid form • Colour - Colorless to slightly yellow. • pH range - 5.5 - 7.5 • 1.077g/mL. • Ready to use sterile medium for isolation of human lymphocytes in high yield from peripheral blood. • Maintains viability and representative distribution of B and T lymphocytes.
Penicillin-Streptomycin - 100ml	Penicillin Streptomycin solution, also known as Pen Strep, is the most commonly used used to maintain sterile conditions during cell culture. It is used to supplement cell culture media to control bacterial contamination

Director,
I.P.G.M.E.&R.

Handwritten signature and date:
19-5-18
Initials