



**Indian Institute of Technology, Kanpur**  
**Department of Biological Sciences and**  
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**Dated: 26/12/2012**

**Closing date: 10/01/2013**

**Enquiry no.:- AKT/BSBE/07**

**Request for submission of quotation for “Gel Permeation Chromatography Column”**

Sealed quotation(s) are required on or before 10/01/2013 with all technical specifications as mentioned below.

**1. Specifications of Column: peptide analysis**

- a) Bed Volume-24ml
- b) Matrix -Spherical composite of cross-linked agarose and dextran
- c) Average particle size 13  $\mu\text{m}$
- d) Separation Range-Minimum 100 Da to maximum 7000-10000 Da
- e) Sample Volume-25-250  $\mu\text{l}$ .
- f) Flow Rate-0.1-1.5 ml/minute
- g) Max Pressure limit
- h) pH stability 1-14 (working, long and short term)
- i) Theoretical plates  $>30000 \text{ m}^{-1}$
- j) Storage temperature range
- k) Chemical stability in common buffers, denaturants and organic solvents

**2. Accessories:**

- a. **Please mention the possible accessories which can be fitted with the column and state the purpose of each with respect to function and specification.**

Please provide detailed description of all the specifications of your column. Also provide separate lines for **initial price** and **discounted price**, **time** required for delivery and **minimum days of validity** for quotation. Also mention the **warranty period** for the column.

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