

Subject: Reply of CUH on the queries raised by the bidders during the Pre-bid Meeting held on 08/12/2025.

Name of Equipment: Protein Purification System for the Department of Microbiology.

Sr No	Name of firm	Reference to NIT No. CUH/E&GA/HEFA/CIC/2025-26/22	Bidder's comment/observations	Reply from CUH
1.	Spincotech Pvt. Ltd.	<p><b>22. The equipment shall be supplied with following columns and accessories:</b></p> <p>(i) Desalting column: The system should include one or more prepacked desalting/buffer exchange column having porous beads made from cross-linked dextran or polyacrylamide, allowing large molecules (&gt; 5 kDa) to pass around the pores and elute quickly, permitting buffer exchange in a single step in shortest possible time, with high recovery of target macromolecules (80 to 95%) and capable of handling samples in range of 0.25 to 10 mL or more</p>	We humbly request you to please consider keeping Point No. 22 – "The equipment shall be supplied with the following columns and accessories" – as optional in the tender requirements.	Point 22-(i) may be quoted separately.
		<p>(ii) Size Exclusion / Gel Filtration Column: Prepacked columns designed for size exclusion chromatography (SEC), suitable for proteins ranging approximately from 5-250 kDa and 10-600 kDa, made of cross-linked agarose and dextran matrix, with preferred bed volume of 50 mL or more. Calibration Kit for SEC should also be supplied having protein standards suitable for high-molecular-weight calibration and compatible with common gel filtration media and chromatography systems.</p>		point no.22 (ii) Size Exclusion / Gel Filtration Column: Prepacked columns designed for size exclusion chromatography (SEC), suitable for proteins ranging approximately from 10-600 kDa <b>must be supplied with the system</b>
		<p>(iii) Weak Ion-exchange chromatography columns: The</p>		Point 22(iii)

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		system must be supplied with one or more each of weak cation and weak anion exchange chromatography columns, each packed with weak high-performance cation/anion exchange resin, having preferred bed volume of 20 ml.		Weak Ion-exchange chromatography columns: The system must be supplied with one or more each of weak cation and weak anion exchange chromatography columns, each packed with weak high-performance cation/anion exchange resin, having preferred bed volume of 20 ml. <b>must be supplied with the system</b>
		(iv)Affinity Chromatography Columns (His-Tag): The system should include one or more prepacked affinity column for His-tagged recombinant proteins, with matrix composed of cross-linked agarose beads with a metal-chelating group (such as Ni-Sepharose), having bed volume 1 mL or more		<b>Point 22-(iv) may be quoted separately.</b>
		(v)Hydrophobic interaction chromatography column: The system should include one prepacked hydrophobic interaction chromatography column with matrix composed of Phenyl Sepharose having bed volume 20 mL or more.		<b>Point 22-(v) may be quoted separately.</b>
		(vi)The system should be supplemented with two or more compatible easy to pack empty columns		<b>Point 22-(vi) may be quoted separately.</b>