

Appendix-II

Sr. No.	Name of the item with specifications	Qty.
1.	<p>Parallel and Counter Flow Heat Exchanger Apparatus</p> <ul style="list-style-type: none"> ● Computer controlled base unit with temperature and flow measurement inputs and electronic display. ● Attachments for shell and tube, Jacketed Vessel with Stirrer & Coil, and plate heat exchangers ● Ability to operate all the heat exchangers in both co-flow and counter-flow configurations ● Flow measurement at inlet and outlet of both hot and cold streams ● Temperature measurement at inlet, outlet, and three intermediate locations of both hot and cold streams ● Heat exchange area upto 0.1 m² ● Flow rates for both fluid streams in excess of 4 l/min ● Operating temperature range, 0-75°C, resolution 0.1°C ● computer interface ● Ability to mount and test user designed heat exchange equipment 	01 Unit