

**SCHEDULE OF REQUIREMENTS**  
**COMPUTER SIMULATION AND MODELING LABORATORY-CHEMICAL ENGINEERING**  
**DEPARTMENT**

Sr. No.	Description	Quantity	Unit Price C&F	Total Cost C&F
01	<p><b>CHEMCAD Process Simulation Suite (Latest VERSION)</b>            100 users license on a single LAN network            the following modules            -CHEMCAD STEADY STATE            -CHEMCAD THERM            -CHEMCAD BATCH            -CHEMCAD DYNAMICS            5 years license with 5 years Free updates, maintenance and support.</p>	100 users license		
02	<p><b>Computer: Core i7 (Complete Branded Set)</b>            Specification:            Motherboard: Chipset - Intel Q85 Express <b>(or latest)</b>            Processor: Intel Core i7, 4790 with Intel HD Graphics 4600 (3.6 GHz, 8 MB cache, 4 cores) <b>(or latest)</b>            Memory: 4 GB 1600 MHz DDR3 SDRAM (1 x 4 GB)            Hard Disk: 500 GB 7200 rpm SATA            Optical Drive: Slim SATA SuperMulti DVD writer            Graphics: Intel HD Graphics 4600            LAN: Intel I217LM Gigabit Network Connection            Mouse: 3D Mouse Wheeler            Keyboard: Multimedia Keyboard            Casing: Front USB port with Intel approved TX Casing with Locking System            Monitor: Flat Screen 18.5" LED Monitor  <b>(or Advanced / Updated Version)</b>  <b>Services and parts Agreement</b>            All standard accessories and spares for three years normal operation together with a full three year warranty should be the part of standard agreement.</p>	23		

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03	<p><b>AspenTech software (under AspenTech University Program)</b>  1 network license with 150 simultaneous users for 5 years</p> <p>AspenTech's University Program offers universities an integrated suite of products that allow professors to teach students how to optimize engineering. This university packages addresses inefficiencies end-to-end throughout the plant, resulting in millions of dollars in cost savings and increased customer satisfaction.</p>	150 users		
04	<p><b>Electronic Podium</b></p> <p><b>Services and parts Agreement</b>  All standard accessories and spares for three years normal operation together with a full three year warranty should be the part of standard agreement.</p>	01		

**Note:**

- If a bidder submits bids on behalf of more than one Manufacturer, unless each such bid is accompanied by a separate Bid Form for each bid, and a bid security 2% of total quoted amount, when required, for each bid, and authorization from the respective Manufacturer, all such bids will be rejected as nonresponsive. in case of discrepancy between unit price and total price, **the unit price shall prevail.**
- Installation CDs and lab manual must be provided by bidder/supplier/authorize manufacturer at free of cost.
- Free of cost training shall be provided by the supplier/bidder.

**According to SPP rules 2010 (amended in 2013) of Rule 42:**

- For the purpose of comparison of bids quoted in different currencies, price shall be converted into a PKR. The rate of exchange shall be the selling rate prevailing seven working days before the date of opening of the bids, as notified by the State Bank of Pakistan;