

Appendix II

Name of the Item & specifications	Quantity	Rate
<p>Protein Purification System with facilities for the purification of proteins, peptides, enzymes, nucleic acids and small organic molecules. It should Consist of: Controller and monitor, A complete workstation with mixture, USB, Communicator Sample inject valve, fittings kit ; UV/Vis detector with 3 mm PEEK flow cell, system cable, cables, conductivity flow cell, starter kit and Ion exchange column & starter kit, Fraction collector with diverter valve and two racks PC CONTROLLER Software and PC : PENTIUM IV/athlon processor computer with certified window XP latest version OS and accessories, 80GB hard drive, 512 MB RAM, 1.44 MB FDD, DVD writer drive, Standard Keyboard and mouse. Chromatography software: Windows XP based operating systems which allow multitasking with other applications. Chromatography software for easy configuration having single point control in one window for all chromatographic components, multitasking capacity, database browsing, manual screen calibration routines, overlaying unlimited number of runs for comparing, aliasing, tagging, post run processing, run notes, non-corruptible run log, data export, programmable holding time. Allows for reverse flow chromatography, tandem chromatography, up to 8 column switching, column scouting, buffer blending, automated buffer preps with recipe chart. WORKSTATION Dual Pump, dual piston, positive displacement, interchangeable solvent delivery pump heads. Auto purging facility Fully biocompatible (PEEK Construction) gradient pump: 0.01-40.0 ml/min at 1000 psi (66 Bar,6.6 MPa) Compositional accuracy +/- 0.5 to 1.0%, Gradient increments by software control: 0.5 to 1%;High pressure dynamic mixing. Mixer volumes: 0.26 ml- 2.0ml; Built in pressure transducer: volume 40 to 46 ul ; Sound Level not more than 50-70 dBa.</p> <p>UV/Vis Detector: Multiwavelength Continuously Variable UV/Vis Detector. Detection range: 190-800 nm Wavelength scanning: 4 wavelengths simultaneously. Wavelength accuracy:- +/- 0.5-1%; Drift : < 1x10(-4) AU/Hr @ 240nm , Linearity: < 2% to 2 AU @ 254nm with acetone, Compatible to all chromatographic solvents.Flow Cell: 3mm, 2 microL, same for analytical, semi preparative, preparative procedures. CONDUCTIVITY DETECTION Conductivity detection 0-500 mS/cm; accuracy +/- 2% full scale). Optional Flow through pH monitor (Includes flow cell, pH probe, SIM) Other detectors, such as RI, fluorescence, supported by use of a signal import module (SIM-HR).Fraction Collector, 100-240V Fraction collector with X-Y movement to accommodate different racks including capability for collection into four 96 well micro plates</p>	<p>01 Unit</p>	

<p>and a 20 funnel preparative rack. Collection Mode: Time, Drop ,Volume mode, collection in of the shelf racks, vessel height up to max of 150 mm, peak detection, time windows, threshold collection and maxima/minima collection (20 windows), flow rate capacity up to 100 ml/min, collection capability in up to 4 microtitre plates (24 and 96 well plate, minimum volume – 50 ul), 168 micro tubes, dual support columns, large panel display, edit-on-the-fly mode, 180 tubes capacity with adjustable height adapter, large fraction collection in large vessels up to 20 vessels at a time, ice-pack tray collection. Detector input: 0-10mV, 0-100 mV, 0-1V-pH Monitor: complete online monitoring, software display with pH electrode, flow cell and tubing-</p>		
---	--	--

Name of the Tenderer:

Address:

Phone and Fax Number:

D.D. No., Date & Amount

Signature with stamp of the authorized dealer