

**EQUIPMENT SPECIFICATIONS FOR BID BULLETIN**

<b>Item No.</b>	<b>Unit</b>	<b>Item Description</b>	<b>Qty</b>
		<b>COLUMN OVEN FOR PREPARATIVE HPLC</b>	1
		column oven must be compatible with Shimadzu LC-20AP	
		Temperature Setting Range : 4 °C to 80 °C	
		Temperature control range: ambient -16°C to room temp + 60°C	
		Safety features:	
		temperature limit device using maximum temperature setting	
		thermal fuse	
		solvent leak sensor	
		Includes the following accessories:	
		1 pc HALO 90 Å phenylfluorophenyl column, 5 µm, 4.6 x 150 mm	
		1 pc deuterium lamp for PDA detector SPD-M20A	
		1 set column guard compatible with HALO phenylfluorophenyl analytical column (4.6 x 150 mm and preparative column (10 x 150 mm)	
		1 pc grinding coating needle compatible with Shimadzu LC-20AP	
		On-site installation of accessories and other essential parts	
		Warranty: 1 year warranty on parts and 2 years warranty on services	
		Free preventive maintenance for Year 1	
		On-site training for the use and care of the unit	
		Service maintenance readily available in Davao City	
		Delivery period: 90 days after receipt of purchase order (PO)	
		Provide picture of equipment (preferably colored) in the bid docs	

**NOTED:**

**JOEL HASSAN G. TOLENTINO, Ph.D.**

Project Leader, DDHP 9-Phase 3