

PACKAGE-14C

NAME OF LAB: : HYDRAULICS LAB/FLUID MECHANICS LAB

S No	Equipment Description	QUANTITY/UNIT REQUIRED	BID RATES OF EQUIPMENT PER UNIT(Rs.)	APPLICABLE RELEVANT TAXES PER UNIT(Rs.)	TOTAL COST OF EQUIPMENT PER UNIT(Rs.)
1	<p>Hydraulic test bench ----- It should be self contained water recirculated unit. Provided with a top tray and suitable sump tank and is mounted on wheel. A centrifugal pump is fitted for water circulation. Flow control valve and by pass valve are fitted in water line to conduct experiment on different flow rate flow rate of water is measured with the help of measuring Tank and stop watch. water collected on the Top of the Tray from experimental setup, drain pipe and return to sump tank. Various Hydraulic lab experiment can be conducted on this setup.</p> <p>Other details ----</p> <p>Size of Tank ---- Sump tank 150 ltr (Approx) made of 16 gauge stainless steel.</p> <p>Measuring Tank ---- 50 ltr (Approx) made of 16 gauge stainless steel.</p> <p>Suitable water tray ---- Approximate 1200 mmX 1000mm X 200 mm (180 ltr)</p> <p>Pump -- Standered make, 0.5 HP monoblock pump, single phase 230 volt AC.</p> <p>GI Pipe fitting with by pass ---- with a by pass arrangement.</p> <p>Stop watch ---- Electronic.</p> <p>Base Frame ---- The whole set up mounted on well designed structure of good quality MS square pipe & angle with powder coating. It is suitable for operation without foundation and fully mobile unit with welded frame.</p> <p>Control Pannel ---- On/off Switch main Indicator etc.</p> <p>This bench is useful to conduct experiment on Various set ups. At a time only one experiment canbe use on this bench.</p>	34			
2	Trainer kit for Hydraulics and Pneumatic System working model	28			

FULL SIGNATURE OF BIDDER WITH SEAL

[Signature]

[Signature]

Njoi