

Govt. COLLEGE OF ENGINEERING & TECHNOLOGY, BIKANER

SCHEDULE - G

NIT NO. :-CET/STORE/2014-15/05

Tender for :- Dynamic of Machine lab

Sale of Tender :- Up to 12 Noon 15.4.2015

Last date of Tender Submission:-2.00 PM, 15.4.2015

Opening Date of Tender:- 2.00PM, 16.4.2015

Bid Validity: 90 days from bid opening date

Estimated Cost:- Rs. 500000/-

Earnest Money:-Rs. 10000 /-

Tender Cost:- Rs. 200/- (By Hand)

Tender Cost:- Rs. 240/- (By Post) (D.D.)

Delivery period:- 45 Days from order

S. No.	Name of Equipment	Specifications	Qty	Rate
1	Pin On Disc Wear Testing Machine	<p>Pin Size: Min-3mm ,Max-10 mm Disc Size: 160 mm dia Disc Rotation:100 to 1500 RPM Normal load:0-100 N Frictional Force:0-100 N Wear:0-3MM</p> <p>Specifications Power: 500 VA Sliding Speed Range: 0.26 m/sec to 10 m/sec Disc Rotation Speed Range: 100 - 2000 rpm Normal Load: 200 N Maximum Friction Force: 0 - 200 N Wear Measurement Range: up to 4mm Pin Size: 3mm to 12mm diagonal /diamete Disc Size: 160mm diameter x 8mm thick Mean Wear Track Diameter: 10mm to 140mm <i>Pin on Disc Tester with Environmental Control Chamber</i> Temperature 60°C maximum <i>Pin on Disc Tester with Lubricant Recirculation System</i> Discharge Rate 0 - 1 L/min Viscosity Range: 90 SAE maximum Capacity: 3L of lubricant Electrical Requirements</p> <p>Included Accessories Electronic Controller Connecting Cables Fuses (2), spare Data Acquisition Card TriboDATA Data Acquisition Software Set of Weights Set of Hand Tools Set of Pins Operating and Maintenance Manual Calibration and Test Reports</p>	1	
2	Dynamic Balancing Machine	<p>With microprocessor based measuring panel for balancing different shapes of rotors like rotors of electrical machines, crankshafts, cylinders and any other type of rotors of rotating machines. Provide with slipping motors Printer: A matrix printer shall be provided with software, trial runs till rotor is balanced tolerance. Software for balancing shall be provided. Accuracy ± 1 digit for amount and ± 1 degree for angle. Digital display for RPM indication Auto stop shall be provided.</p>	1	

		<p>Amount and angle of unbalance shall be displayed simultaneously and remains displayed till next run.</p> <p>Key board with necessary arrangements.</p> <p>Data of various rotors shall be stored.</p> <p>Weight of rotor-25Kg</p> <p>Max. weight on each pedestal-20Kg</p> <p>Max. diameter of rotor over bed -500mm</p> <p>Max. distance measured from coupling end to extreme bearing centre-400mm</p> <p>Balancing speed(n)-500rpm</p> <p>Power of drive motor 0.5 hp</p> <p>Minimum unbalance mass measured 0.1gm</p>		
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Terms and conditions:-

- All page of tender should be signed and stamped.
- STCC is required. Party may be asked for the sample/demo.
- Tenderer must be manufacturer / Authorized Dealer/ Supplier having authorization of quoted item.
- Mention basic rate of items & taxes if any separately for each item..
- Rate includes loading & Unloading at concerned lab./ workshop & FOR College of Engineering & Technology, Bikaner
- Successful firm has to submit agreement on stamp paper of Rs. 500 (Form 17) along with SD money @ 5% of order value before issue of order.
- Committee has right to cancel tender of all or any item.
- Tender will be finalized item wise.
- In case of any clarification same can be clarify from store.
- Without EMD tender will be rejected out rightly.
- EMD and form charges should be in favor of Principal College of Engineering & Technology, Bikaner in shape of DD/Banker Cheque only.
- Order will be given in installment as or when required.
- Conditional Tender will not be accepted.
- SSI unit EMD & Tender cost assumption should be as per Raj. Govt. rule

HOD STORE