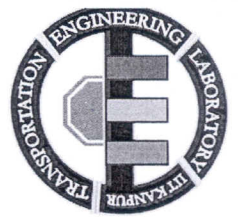




TRANSPORTATION ENGINEERING LABORATORY
DEPARTMENT OF CIVIL ENGINEERING
INDIAN INSTITUTE OF TECHNOLOGY KANPUR
KANPUR 208 016 , INDIA



Enquiry No-CE/TEL/04/ABTM/2011

Date: 07/12/2011

Closing Date-26-12-2011

Sub: call for quotation: Stand alone four point asphalt beam bending apparatus.

Dear Sir,

Please send sealed quotation(s) in Indian rupees with **all technical details** of,

S. No	Name	Qty	Specification
1.	Stand alone four point asphalt beam bending apparatus.	01	Compatible with SHRP M009, AASHTO T-321-07, AASHTO TP8, EN 12697-24 and EN 12796-26 specifications.
			Digital servo controlled hydraulic actuator.
			Advanced frame compliance with the beam.
			Saw-tooth, square, triangular, sinusoidal and have sine strain controlled or stress controlled loading with advanced run-time adaptive control based on real-time data acquisition of load and displacement parameters. Load cell capacity should be 5 kN or more with 0.0005 kN resolution deformation sensor should have 0.5 micron resolution or less
			High volume testing capacity and should be compatible with Indian electricity supply.
			Should work for wide range of loading frequencies.
			Online and off-line graphical display of acquired data through software.
			Analysis of variation of stress, strain, displacement, stiffness, phase angle, dissipated energy with number of repetitions.

Also clearly state whether any additional tax is payable. Form "D" will be made available by IIT Kanpur. **Kindly arrange to send the sealed quotation(s) to the following address:** Professor In Charge, Transportation Engineering Laboratory, Department of Civil Engineering, IIT Kanpur, 208016 by 26-12-2011 **up to 4 pm.**

Thanking you

Sincerely,

(Manoj Kumar)