

कटिहार अभियंत्रण महाविद्यालय,
कटिहार-854109
Email Id: principal@keck.ac.in



KATIHAR ENGINEERING COLLEGE
KATIHAR-854109
Website:-www.keck.ac.in

Ref. No..217

Date...21/02/26

URGENT NOTICE
INVITATION FOR QUOTATION

Sealed quotations are invited from the reputed firms/authorized distributors/vendors for the supply of **Small Impact Testing Machine** for the Mechanical Engineering Department at Katihar Engineering College, Katihar. The item wise detailed list is enclosed as Annexure-1. Quotations should be submitted by 24 February 2025 till 5:00 PM in a sealed envelope scribed with "**Quotation for Small Impact Testing Machine**" addressed to the Principal, Katihar Engineering College, Katihar, Hirdayanj, Hajipur, Katihar- 854 109, Bihar. Quotation can also be sent to principal@keck.ac.in within the same deadline clearly mentioning the subject as "**Quotation for Small Impact Testing Machine**". The interested party should quote their GST registration number and all the rates should be inclusive of GST and delivery charges.

Ranjana
21/02/26

Principal
KEC, Katihar

Annexture 1

Parameters	Unit	Specification
Test Method		Izod
Maximum Capacity	J	25
Least Count	J	0.1
Pendulum Lifting		Manual
Pendulum Drop Angle	Degree	120
Impact Velocity	m/sec	3.99
Shape of Hammer		U-TYPE
Distance between axis of rotation and the center of strike	mm	376
Max Total friction and windage losses	% of Max Potential energy	0.18
Test Standards complied		ISO 180 / ASTM- D-256
STRIKING EDGE		
Angle	Degree	75°
Radius of curvature	mm	0.8
Horizontal Relief	Degree	10°
Vertical Relief	Degree	5°
Specimen Anvils and Supports		
Suitable for Max Specimen	mm	IZOD 10 X 10 X 75
Radius of curvature at Anvil Tip	mm	0.8
Power Supply		SINGLE PHASE
Standard Accessories		
Izod Strike		1
Charpy Striker (8R)		-
Anvil		1
Self-Centering Tong		-
Centering Gauge		-
Spanner Set		1
Instruction Manual		1