



MAR ATHANASIOUS COLLEGE OF ENGINEERING
(Government Aided, Autonomous Institution, Estd. 1961)
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PRINCIPAL

No. A3/767/96/20-21/CE-EM-LAB

01.01.2025

Notice Inviting Quotations

Competitive quotations are invited for the purchase of the following item in the Civil Engg. Department so as reach the undersigned on or before 10.01.2025 at 03.00 p.m with superscription "*Quotations for supply of Item for C.E Dept EM- Lab*" on the cover.

Sl. No.	Item	Quantity Ordered
1	Equipment to find support reaction in simply supported beam, Specification: should have movable point load, Graduation scale in the beam, Span of the beam 100-150 cm, two weighing balances at supports	02
2	Cantilever beam apparatus to find the deflection in a cantilever beam Specification: Dial of accuracy 0.01 mm and beam of length 0.7 to 1 meter, weight and weight hangers and fixers	01
3	Flywheel apparatus Specification: wheel diameter -15-30 cm mountable on wall with appropriate mounting parts	01
4	Friction slide apparatus Specification: Slide board of length 75-100 cm, a frictionless pulley at one end and two different specimen samples	02
5	Apparatus to demonstrate force in a truss Specification: should be constructed with metal with one leg fixed and other on a roller, A spring balance to show tension on the rod with dynamometer chain, weight and pan	01



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6	Triangle law and parallelogram law demonstration apparatus Specification: board with relevant pully system and fixers for mounting on wall	01
7	Jib crane apparatus Specification: should have crane load capacity of 50 N and Sturdy metal frame with stainless steel retaining bars	02
8	Apparatus to find the moment of inertia of a disc Specification: flywheel of disc diameter 15 cm fixed on a stable metallic platform, set of slotted weight 250 gm	01
9	Pully demonstration kit Specification: Minimum of ten slotted weights ranging from 10 gm to 500 gm, three single pully, one quadruple pully, one triple tandem pully, one wheel and axle	01
10	Force table apparatus Specification: should have four low friction pully, four slotted weights and tripod base	01
11	Apparatus to find young's modulus of a wire Specification: A tension weight ranging from 1-1.5 kg, scale plate with zero to 30 mm scale and movable vernier.	01

FBI

Principal

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