

**INDIRA GANDHI ENGINEERING COLLEGE SAGAR (M.P.) 470021**  
**(DECLARED AUTONOMOUS BY M.P. GOVT.)**

NO/IGEC/Mech/2015-16/

Sagar, Date



Tel.No.07582-263844,263826

Visit us: [www.igecsagar.ac.in](http://www.igecsagar.ac.in)

e-mail: [dr.principalgec@rediffmail.com](mailto:dr.principalgec@rediffmail.com)

**“TENDER NOTICE No.MECHANICAL/01/15-16”**

Sealed tender are invited from the manufactures/authorized dealers/distributers on their Letter head for supply of Equipment in material Testing laboratory of ME Engineering Department of this institution.

**1. UNIVERSAL TESTING MACHINE (100 Tons)** EMD Rs 20,000/- Approx Cost Rs 10.00 Lac

Detailed specifications of the machine along with the terms and conditions are provided in the tender document. Tender can be purchased from the office of the Principal Indira Gandhi Engineering College , Sagar (M.P.) on payment Rs 1000/- in cash or in the form of DD in any working day between 9.00 am to 2.00 pm from 19.02.2016 .Tender Document by post will not entertained.

**Important dates of the Tender are as follows:-**

Last date and time of selling the Tender form	14/03/2016 up to 2:00 pm
Last date and time of receiving the Tender	15/03/2016 up to 1:00 pm
Date and time of opening the Tender	16/03/2016 up to 2:00 pm

Tender will be opened in the institute in the presence of such Tenderers or their representative who may like to be present. Information regarding Tenders can be seen from the institute Website [www.igecsagar.ac.in](http://www.igecsagar.ac.in)

**SECRETARY/PRINCIPAL**

कार्यालय, प्राचार्य इंदिरा गांधी इंजीनियरिंग महाविद्यालय सागर(म0प्र0)  
(शासन द्वारा स्वशासी घोषित)

क्रमांक / आई.जी.ई.सी. / मैकेनीकल / 2016 /

सागर, दिनांक



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निविदा आमंत्रण सूचना संख्या / मैकेनीकल / 01 / 15-16

निविदा आमंत्रण सूचना संख्या / मैकेनीकल / 01 / 15-16 इस संस्था के मैकेनीकल विभाग की मटेरियल टेस्टिंग प्रयोगशाला के उपकरण क्रय करने हेतु अधिकृत डीलरो / डिस्ट्रीब्यूटरो से उनके लेटर हेड पर निविदा आमंत्रित की जाती है।

01 यूनिवर्सल टेस्टिंग मशीन(100 टन) अमानत राशि रू. 20,000/- अनुमानित राशि रू. 10.00 लाख

मशीन के विस्तृत स्पेसीफिकेशन निविदा प्रपत्र में सभी शर्तों के साथ दिये गये हैं। कार्यालय प्राचार्य इंदिरा गांधी इंजीनियरिंग महाविद्यालय से नगद रू.1000/-अंकन एक हजार मात्र अथवा बैंक ड्राफ्ट देय प्राचार्य इंदिरा गांधी इंजीनियरिंग महाविद्यालय सागर के कार्यालय समय में दिनांक 19/02/2016 समय 09.00 बजे से 2:00 बजे दोपहर तक निविदा प्रपत्र क्रय किये जा सकते हैं अथवा वेबसाइट से डाउन लोड किए जा सकते हैं। डाक द्वारा निविदा प्रपत्र नहीं भेजे जावेगे।

निविदा हेतु महत्वपूर्ण तारीखें:-

1. निविदा प्रपत्र क्रय करने की अंतिम तारीख व समय 14/03/2016 समय 2:00 बजे शाम
2. निविदा प्रपत्र जमा करने की अंतिम तारीख व समय 15/03/2016 समय 1:00 बजे दोपहर
3. निविदा खुलने की तारीख व समय 16/03/2016 समय 2:00 बजे दोपहर

निविदा संस्था में निविदाकारों अथवा उनके प्रतिनिधियों जो उपस्थित रहने के इच्छुक हों, के सामने खोली जावेंगी। निविदा से संबंधित जानकारी महाविद्यालय की वेबसाइट [www.igecsagar.ac.in](http://www.igecsagar.ac.in) पर देख सकते हैं।

सचिव / प्राचार्य

**OFFICE OF THE PRINCIPAL  
INDIRA GANDHI ENGINEERING COLLEGE SAGAR M.P.**  
(Declared autonomous by Govt. of M. P.)



Tender No. MECH/01/15-16

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Sagar, Dated- / / 2016

# Tender

In

## The Department of Mechanical Engineering 2015-16

The 16 March, 2016 at 2:00 pm in the Office of The Principal, I.G.E.C.  
Sagar, M.P.

TOTAL PAGE: 05

**Price Rs. 1000/-only by Cash / Bank Draft, in favour of Principal IGEC, Sagar**

# INDIRA GANDHI ENGINEERING COLLEGE SAGAR M.P.

(declared autonomous by the Govt. of M.P.)

S/No./IGEC/ MECH / 2015-16/ / /

Sagar Dated



## Mechanical Engineering Department

Subject:- 1- Terms & Conditions .  
2 - Detailed Specifications.

Last date and time of selling tender form	14/03/16 at 5:00 P.M.
Last date and time of receiving sealed tenders	15/03/16 at 1:00 P.M.
Date and time of opening tenders :	17/03/16 at 2:00 P.M.

### I TERMS AND CONDITIONS:

1. The tender form is non transferable.
2. Tender received after due date and time will not be accepted in any case.
3. (a) Only actual manufacturers or their authorized suppliers/dealers/stockiest/agents may submit their tender.  
A certificate to this effect should be enclosed along with the tender.  
(b) The tender must be sent in firm's own letter head, along with the terms and conditions of supply.
4. Tender received with overwriting or filled with pencil will not be accepted.
5. Representatives of the firms are advised to be present in this institution at the time of opening the tender for demonstrating the silent features of the equipments quoted by them through multimedia presentation failing which the tender may not be considered.
6. The tenders are required to mention the salient features of the services provided after the sale of the item.

### II SPECIFICATIONS

- (i) Complete technical specifications must be furnished in the tender. Make of the equipments offered in the tender must be mentioned and duly supported with the original printed catalogues/leaf-lets/ photographs of the equipments without which, the offer will be rejected.
- (ii) For the proprietary items the relevant certificate must be enclosed.
- (iii) In case any of the equipment is available on DGS & D/MPLUN rate contract and offered in the tender, the tenderer, the supplier should furnish a copy of the rate contract.
- (iv) If any of the equipment of required specification is not available, then nearest higher specification to the required specification may be considered.
- (v) Printed terms & conditions on the letterhead will not be binding unless separately mentioned.
- (vi) Equipment & machinery calibrated in MKS/SI system only be quoted
- (vii) The better or higher specifications than the required specification will be considered.

### III RATES AND TAXES

- (a) The rates must be quoted F.O.R. Indira Gandhi Engineering College, Sagar (M.P.) 470021.
- (b) If the rates are quoted excluding excise duty, then the firm must specify clearly the name of equipment on which excise duty is payable extra and rate Applicable.

- (c) Other taxes and duties, if payable extra, should be clearly stated in the offer failing which the rate quoted will be considered inclusive of all taxes and duties and no claim for the same will be entertained.
- (d) The quoted rates must be inclusive of installation/demonstration of the equipment/ machines in perfect working condition after delivery. No extra payment will be made for the installation and/ or demonstration.

#### **IV EARNEST MONEY**

- (a) The tenderer is required to furnish earnest money deposit laboratory as follows:  
For **UNIVERSAL TESTING MACHINE (100 Tons)** EMD Rs 20,000/- Approx Cost Rs 10.00 Lac
- (b) Earnest money should be sent through Bank Draft only drawn in favor of Principal, I.G. Engineering College Sagar (M.P.) payable at Sagar. Earnest Money in the forms, other than the Bank Draft (e.g. Cheque, FDR, IPO etc.) will not be accepted.
- (c) The earnest money of previous tenders, not refunded to the firm, will not be adjusted in this tender.
- (d) The SSI firms registered with the industry Department of Govt. of MP. only or Govt. of India undertaking firms are exempted to furnish earnest money. The said firms will be required to enclose a certificate to this effect. The SSI firms registered in other states of the country will not be able to avail such exemption

#### **V CONDITIONS TO FORFEIT EARNEST MONEY**

- The entire amount of earnest money or security deposit will be forfeited due to any one of the following :
- (a) The supplier either expresses his inability or does not execute the order for quoted items mentioned in the tender.
  - (b) If the complete equipment is not supplied within the delivery period mentioned in the order or within the extended period from time to time.
  - (c) If the supplier executes only part of the order.
  - (d) In case of any default in the execution of order the undersigned will have discretion to forfeit the entire amount of earnest money.
  - (e) If defects of any kind or variation from specifications are reported to the supplier, the Supplier will have to rectify the defects or replace the equipment/machine free of all charges within 30 days from the date of report, failing which the items will be returned to the supplier at his own risk and entire amount of earnest money will be forfeited.
  - (f) If supplier fails to fulfill the terms and conditions of the tender partly or fully.

#### **VI Payment :**

Payment in full will be made after physical installation of the equipment in perfect working condition and complete demonstration in the institute. No part payment for the defective/ incomplete equipment will be made. If the undersigned feels that the equipment supplied is grossly defective and cannot be repaired or the supplied material/equipment is of substandard quality; the supplied equipment will be rejected & returned to the supplier at his risk. No payment or part thereof will be made to this effect to the supplier and the order will be cancelled.

**VII WARRANTY: 2 YEARS** Warranty period will start from the date of installation and satisfactory commissioning.

#### **VIII OTHER CONDITIONS**

Tender will only be considered if following conditions have been mentioned in the tender, otherwise the tender will be rejected

- (a) Validity period: Validity period must be at least 6 months from the date of opening of the tender.
- (b) Delivery period: The delivery period for supply of equipment should not be more than 30 days (may be extended on specific request with the discretion of the undersigned). However ex-stock offer will be preferred.
- (c) Any decrease in the taxes at the time of supply if occurs, then the benefit of the same should go to the Intuition.
- (d) The renderer should undertake to repair or replace free of cost/ charges the defective parts due to faulty design and/ or bad workmanship during the period of one year from the date of installation of the equipment in perfect working condition and demonstration at the Institute.
- (e) The undersigned does not pledge him to accept the lowest or any tender and also reserves the right of rejecting all or any of the tender without giving any reason for the same.
- (f) No request for the supply of any details in respect of tender or the comparative chart or any other enquiry in respect of the tender already received in this office, will be entertained in any case.
- (g) All disputes with regard to the contracts fort the purchase of materials etc. will be subject to the jurisdiction of courts at Sagar (M.P.) only.

**IX Sealed tender should be submitted in 3 envelopes as mentioned below:**

**Envelop A Pre Bid Qualification** : Envelope comprising of EMD /Manufacturer/Dealership certificate, CT/ST, PAN/TIN No.

**Envelop B Technical Qualification:-** Envelope comprising technical specification Brochures of equipment /printed catalogue / leaflets.

**Envelope C Financial Bid:-** Envelope comprising rates of equipments/machines.

All the three envelopes (A, B and C) should be sealed separately and then enclosed in another outer envelope D addressed to the Principal I.G. Engineering College, Sagar (M.P.) 470021.

Note:- Envelope C (Financial Bid) will not be opened if the suppliers, who do not qualify for Envelop A pre bid and Envelop B Technical Qualification.

**The envelope D must be super scribed as Tendered Documents Against Tender**

**Notice No.**-----

Above procedure of tender in Clause VIII must be strictly followed otherwise the tender will be rejected.

Technical qualification envelope will be opened only for those offers that clear pre bid qualification and financial bid envelope will be opened only for those offers that qualify in technical qualification.

Enclosures: detailed specifications of the equipments.

**Principal,  
I.G. Engineering College  
Sagar(M.P.)**

# Mechanical Engineering Department

## Machine Specifications

**Universal Testing Machine** : 1000 KN ( 100 Ton) Capacity

Electronic Model Computerized with Standard Software and Standard Accessories:

Accuracy (+/-) 1

**Shall support:** Tensile, Compression, Bend , Shear and similar Tests,

Real Time Graphs: Load Vs Displacement, Stress Vs Strain

Specimen Types: Round, Flat, Hollow, Tor/ TMT Steel,

Extensometer to capture true elongation in the specimen for different gauge lengths from 10 mm to 50 mm ,

Unit Load in KN, Kg, N,

Stress in KN/ sq mm, N/Sq mm, Kg/ sq cm,

Displacement in mm,

**Result Parameters:** Ultimate Load, Ultimate strength, Displacement at Ultimate Load, Maximum Displacement, % Elongation, % Reduction in area, Breaking Load, Breaking Stress, Yield Load, Yield strength, 0.2% Proof strength, Fully Computerized Data Entry and Test Results.

Driving Method: Hydraulic System

**Note :** Universal Testing Machine must be capable of working on both Modes namely Manual mode and Computer Controlled Mode