



Government College of Engineering

Station Road, Osmanpura, Aurangabad – 431 005

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GECA/MECH/MQC/QTN/2019-20/ 542

Date – 21/12/2019

To,
GECA Notice Board/
Institute Web site

Subject:- Quotation for Purchase of Instruments for MQC Lab of Mechanical Engineering Department 2019-20

Dear Sir,

You are requested to send your competitive quotations for following items subject to the following conditions.

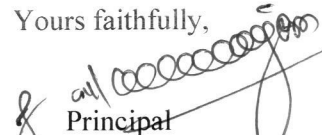
CONDITIONS:

1. Rates quoted should be FOR AURANGABAD or free delivery at the Institute inclusive of all lead and Lift.
2. Detailed specifications of the articles you intend to supply should be given. If not according to the specification, laid down here under.
3. The material/work should be supplied/completed within (07) days from the date of order. List of material is given below.
4. The earliest deliver period should be quoted if you cannot supply within the period mentioned above.
5. Quotation should be in sealed cover and superscripted as “**Quotations for Instrument for MQC Lab Under Mechanical Department**”. Due on : 01-01-2020, at 4 P.M.
6. Quotation should be valid for six months.
7. Quotation not complying with the above conditions and incomplete once will not be considered.
8. Right to reject any or all quotations rates are with the under signed.
9. Rates quoted must be inclusive of All applicable Taxes and duties
10. Please attach copy of your shop registration certificate (or GST Registration Number) and Account number of the firm is compulsory as payment will be made by cheque on the firm name only, along with your quotation, without which your quotation will not be accepted.
11. Attach Broacher of the Product you are willing to supply along with the quotation
12. The material will be accepted subject to approval (after inspection of the material), if rejected it will be returned to you at your cost.
13. Final order shall be given after PDI by Competent Authority.
14. The quoted price must include installation, testing, demonstration of the instrument at the institute.
15. No advance shall be paid and no part payment shall be made.

Sr. No.	Description	QTY
1	<p>Profile Projector Model PP 300 with 10 X, 20 X magnification 200 X 200 co-ordinate table travel 50 X 50 mm with micrometer having L.C. 0.01 mm</p> <p>1. Screen : Dia 300 mm acrylic screen with 90⁰ cross line & individual Degree marking . Screen can be rotated through 360 & least Count of the vernier is 5' . Above this screen a ground glass Screen is provided which receives the image .</p> <p>2. Magnification : 10 X , 20 X</p> <p>3. Work piece dia. : 30 m m . , 15 m m .</p> <p>4. Working distance : 60 mm . , 35 mm .</p> <p>5. Co-ordinate table : 200 x 200 mm. Movement is of 50 mm With least count 0.010 m m . These slides run on bars & linear motion bearings . Complete co - is hard chrome plated.</p> <p>6. Focusing slide : Focusing slide movement is of 80 m m . This slide runs on hardened and ground guide bars & linear motion bearings which provide a smooth motion allowing fine focusing .</p> <p>7. Light Source : 24 Volts - 150 watts halogen fused quartz bulb . Suction cooling by 230 v - 2800 rpm blower .</p> <p>8. Electric supply : 220 - 240 Volts 50 Hz. Single phase supply is required . Unit consists of a 220 v to 24 v built in step - down transformer .</p>	1

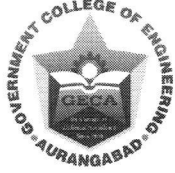
<p>9. Projection systems : Diascopic/ Contour system - Shadow is projected .</p> <p>Episcopic / surface system - Top surface reflection is projected .</p> <p>10. Projection accuracy : 0.2 % for Contour illumination .</p> <p>11. Projector body : Steel fabricated & powder coated .</p> <p>Make Aura or its equivalent</p>	
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Yours faithfully,



Principal

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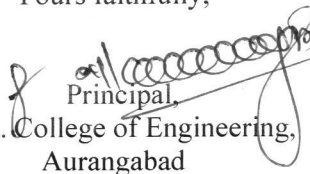
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1	<p>Tool Maker's Micoscope Model TM- 50 (AURA MAKE) WITH 200X 200 MM CO-ORDINATE TABLE HAVING TRAVEL OF 50X50MM USING MICROMETER OF L.C. 0.01MM AND RANGE 0-50MM</p> <p>1. Optical axis Tilted to 45 to suit observing the work-piece. 2. Gonimeter Head This consist of one eyepiece to observe the work piece giving 10 X magnification. There is provision for fixing standard graticule inside the eyepiece for comparison. Main scale rotates through 360 0 vernier is floating which gives you the direct angular reading ,Least count is 5 ' (minutes). 3. Magnification : Standard 2x Objective & 10x eyepiece. 4. Focusing slide : By rack-pinion & dove tail slide which runs on wedges. 5. Co-Ordinate Table : 200 x 200 mm. Movement is of 50 mm With micrometer of least count 0.010 m m . These slides run on ground guide bars & linear motion bearings . Complete co - ordinate table is hard chrome plated. In case of DRO / Lead screw & nut is used in case of machine with Glass Scales having resolution of 0.001mm & Data processor type DRO unit For Linear , Radius & Angular Measurement facility with USB connection. 6. Illumination : Contour System -1 watt high power LED bulb is used with green filter. Episcopic System uses 1 watt high power LED bulb. 7. Electric supply : A 220-240 volts, 50 Hz. single phase supply is required. 8. Projection accuracy :0.1% for contour illumination 9. Microscope body : Unit has Aluminum cast body, with powder coating -</p> <p>STANDARD ACCESSORIES - 1. Graticules. : Standard cross hair line with radius 0.5 to 5.0 m.m. : 1 NO. : Linear scale 0 -10 M.M. : 1 NO. : Metric thread 0.25 to 1.0mm.pitch : 1 NO. : Metric thread 1.0 to 1.25mm. pitch : 1 NO. 2. Cover : Dust Cover is provided along with the unit. Make Aura or its equivalent</p>	1

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