

# GOVERNMENT POLYTECHNIC, DHULE.

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Website : [gpdhule.org.in](http://gpdhule.org.in)



DUE DATE :- 19/5/17

ENQUIRY NO: GPD/CS/CE/DCA/LOT2=R/2017-18 / 1752

DATE :-

21 APR 2017

To,

## ENQUIRY LETTER

**SHRI S.P. ARUTWAR, LECTURER IN COMPUTER DEPARTMENT, GOVT. POLYTECHNIC, DHULE – FOR UPLOADING THE ENQUIRY ON INSTITUTE WEBSITE AND ACKNOWLEDGE THE SAME TO CENTRAL STORES**

Sub:- **QUOTATION FOR CIVIL EQUIPMENTS**

List of Materials :- Given below / attached herewith .

Gentleman ,

You are requested to quote your most competitive rates for the equipment's/consumable materials that you can supply. The quotation should be sent in a sealed envelope/cover and marked as "**QUOTATION FOR CIVIL EQUIPMENTS**" along with the enquiry no, Due date and the same must reach this office not later than 19/5/17 . The late quotations will not be considered. You may depute your authorized representatives who wish to be present during the time of opening of quotation on DT:- 20/5/17.

**THE FOLLOWING TERMS & CONDITIONS MAY PLEASE BE NOTED IN THIS CONNECTION WHILE SENDING YOUR QUOTATION.**

**PLEASE THAT THAT THE QUOTATIONS HAVING SPECIFICATIONS OTHER THAN OUR REQUIRED SPECIFICATIONS SHALL NOT BE CONSIDERED, SO PLEASE MAKE SURE THAT YOU QUOTE YOUR COMPETITIVE RATES ONLY AS PER OUR REQUIRED SPECIFICATIONS ONLY.**

### A. REGARDING MATERIALS.

- 1.) Mention your Sale tax/ VAT TIN Number and PAN no. in your quotation , else your quotation would be strictly rejected.
- 2.) Quote your most competitive rates on your original letter head of your firms name as per our required detailed specification items only. The trade mark and the quality of origin (confirming to I S I specifications should be offered.) must be specified clearly.
- 3.) Manufacturer's name /its origin , Make and Model etc should be mentioned clearly .The catalogues, technical literature and samples wherever necessary should be forwarded by the supplier along with the quotation.
- 4.) Quotations shall be rejected if found Overwriting in quotation or Quotation sent without the authorized signature etc.
- 5.) Vat/ Tax , if applicable, should specifically be mentioned in quotation which shall be as per latest Govt. Rules
- 6.) **Rates you quote must be Inclusive of all freight, packing forwarding Insurance charges to the Central Stores Govt. Polytechnic, Dhule. No extra charges shall be paid by this institute for such things.**
- 7.) Immediately after delivery of goods, the supplier should send his team of expert for Demonstration/ Installation/ Commissioning/Erection/Testing and Checking which shall be carried out free of cost at Govt. Polytechnic, Dhule.
- 8.) The amount of TDS shall be deducted from your total bill amount as per Govt. rules and procedures.
- 9.) **If you want you may depute your representative on above mentioned opening date as mentioned above. Later, no excuses shall be entertained thereafter by this institute for quotation opening procedure and the same shall be opened before the institutes purchase committee members, this shall please be noted**
- 10.) The undersigned reserves the right of ordering part quantities without assigning reasons and the supplier shall supply the ordered quantity at accepted rates.

B. **VALIDITY OF THE QUOTATIONS:-** The quotation must remain valid for a minimum period of **six months** from our due date of quotation.

C. **INSURANCE :-** The material will have to be insured for transit risk with the Government insurance finance fund, finance department, Mumbai and not with any other company.

### D. DELIVERY TERMS :-


Rates should be free delivery of the material ordered at Central stores, Govt. Polytechnic, Dhule Within the stipulated period mentioned in purchase order. Thereafter penalty of sum of 0.5% of the total amount shall be charged for each week of delay of supply.

E. Warranty clause must be mentioned separately in quotation. The supplier shall ensure that all service calls will be attended by him/his authorized service provider promptly in warranty period and even after the warranty period is over.

### F. PAYMENT TERMS :-

1. **No advance payment is permissible.**
2. Every case will be taken to clear up the bills in a lease possible period, if acceptable material to the agreed specifications mentioned in the purchase order must be supplied immediately without any delay.
3. Dispatched documents must be sent directly to this office and not through any bankers.
4. Material will be strictly rejected if they are not as per our ordered specification and all charges on same will have to be borne by the supplier .

➤ **The undersigned reserves the rights to reject any or all quotations without assigning any reasons therefore**

  
PRINCIPAL  
GOVT. POLYTECHNIC DHULE



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### PROCUREMENT OF CIVIL EQUIPMENTS UNDER DCA GRANTS

SR.NO	PRIORITY SR.NO	NAME OF THE EQUIPMENT	SPECIFICATIONS	QTY
1.	CE 33	Frictional losses in pipes	<ul style="list-style-type: none"><li>• Pump: Self priming, Monobloc Centrifugal Pump, Max. Flow 30 LPM, Max. Head 20 m, 230 V AC</li><li>• Test pipes: Set of GI Pipes, Diameter 3/4" &amp; 1/2", Length 1 m, Set of PVC Pipe, Diameter 1/2" &amp; 3/4", Length 1 m</li><li>• Sump Tank: 100 Liters, made in PVC</li><li>• Measuring Tank: 32 Liters, Made in PVC, with level indicator</li><li>• Manometer: U tube Mercury manometer</li><li>• Piping: PVC Piping with valves</li><li>• Digital Stop Watch</li><li>• Frame: Made of M.S. Square Tubes &amp; Sheets, Welded &amp; Powder coated</li></ul>	1
2.	CE 34	Minor losses in pipe	<ul style="list-style-type: none"><li>• Box Dimensions : 1000 X 500 X 1600 mm.</li><li>• U- tube manometer : 300-0-300 (Mercury filled).</li><li>• Number of fittings : 5 Nos.</li><li>• Sump tank capacity : 100 liters MOC: Electroplating Tank (PVC).</li><li>• Volumetric tank capacity : 40 liters. MOC: SS-304 with Matt Buffing.</li><li>• Pump : Monobloc type, 0-60 liter/min , Motor 0.5 HP.</li><li>• Piping with necessary Valves and Fittings.</li><li>• Digital Stop Watch with 1/10 second Accuracy.</li><li>• Detailed Technical Manual and On-site dem</li></ul>	1
3.	CE 35	Notch Apparatus	<ul style="list-style-type: none"><li>• Pump: Self priming, Monobloc Centrifugal Pump, Max. Flow 50 LPM, Max. Head 32 m, 230 V AC</li><li>• Flow Channel: Made in FRP / M. S. channel lined with FRP. Size in mm 700 (L) x 250 (W) x 250 (H)</li><li>• Sump Tank: 100 Liters, made in PVC</li><li>• Measuring Tank: 32 Liters, Made in PVC, with level indicator</li><li>• Set of Notches: Rectangular Notch, Triangular Notch</li><li>• Hook / Pointer gauge</li><li>• Piping: PVC Piping with valves</li><li>• Digital Stop Watch</li><li>• Frame: Made of M.S. Square Tubes &amp; Sheets, Welded &amp; Powder coated</li></ul>	1
4.	CE 36	Renolds Apparatus	<ul style="list-style-type: none"><li>• Constant Head Tank: Size in mm 250 (L) x 250 (W) x 500 (H)</li><li>• Flow tube: Made of transparent plastic / plexi - glass (ID 25 mm X 1 m)</li><li>• Dye tank</li><li>• Dye injecting System</li><li>• Piping: PVC Piping</li><li>• Flow Control Valve</li><li>• Measuring Jar</li><li>• Digital Stop Watch</li><li>• Frame: Made of M.S. Square Tubes &amp; Sheets, Welded &amp; Powder coated</li></ul>	1
5.	CE 38	Venturimeter & Orifice meter	<ul style="list-style-type: none"><li>• An orifice meter is a conduit and a restriction to make a pressure drop</li><li>• An hour glass is a form of orifice</li><li>• The nozzle, venturi or thin sharp edged orifice can be used as the flow restriction</li><li>• In order to use any of these devices for measurement it is necessary to empirically calibrate them</li></ul>	1
6.	CE 39	Pressure measuring Devices	<ul style="list-style-type: none"><li>• U Tube Double Column Manometer</li><li>• Differential Manometer 50 cm Scale</li><li>• Piezometer Tube (One Meter Long) • Pitot Tube</li></ul>	1
7.	CE 40	Ductility (of Bitumen) Testing Machine As Per IS 1208	<p>Ductility Testing Machine Electrically Operated for determining the ductility of asphalt and bitumen. The ductility of bitumen is expressed as the distance in centimeters to which a standard briquette can be elongated before the thread thus formed breaks under specified conditions. The ductility testing machine is designed to test three specimens simultaneously, and consists of a bath thermostatically controlled with inlet and outlet taps and is equipped with an electric pump circulator &amp; heater and carriage moving over a lead screw. Fixed and movable brackets are so positioned that specimen is submerged in water throughout. A clutch arrangement is made to stop the movement of the movable bracket when rupture of the specimen is noticed. An electric motor driven reduction gear unit ensures smooth constant speed and continuous operation and provides two rates of pull / travel, i.e., 50mm/min and 10 mm/min in the machine. The ductility testing machine is fitted with 1/2 HP motor. Suitable for Operation on 220V, Single Phase, 50Hz, AC Supply.</p>	1

8	CE 41	Standard Tar Viscometer as per IS 1206	Standard Tar Viscometer used for determining the viscosity of cut back bitumen and road-oil. The viscometer consists of a chrome plated copper bath, with a drain valve and a central tube to receive the test cup and to position the stirrer, and is mounted on a stand with leveling feet. Stirrer has a curved shield and is provided with an insulated handle, thermometer socket and swivel support for the valve. Standard Tar Viscometer are supplied complete with 10 mm cup and ball valve or 4mm cup and ball valve as per the requirement and Electrical Heater with immersion heating elements and Dimmerstat for controlling the temperature. Suitable for Operation on 220V, Single Phase, 50Hz, AC Supply. The bitumen laboratory mixer is fitted with ½ HP motor. Suitable for Operation on 220V, Single Phase, 50Hz, AC Supply.	1
9	CE 42	Bitumen Laboratory Mixer	Bitumen Laboratory Mixer for mixing of Bitumen for making different types of test specimens for mix design in the laboratory. The apparatus comprises of A motor driven mixer which simultaneously imparts two motions to the mixing paddle i.e. revolving and planetary. A two speed gearbox is incorporated in the drive which makes the paddle revolve at approximately 140 and 285rpm with corresponding planetary motion of 62 and 125rpm respectively. A stainless steel mixing paddle of the specified shape and dimension which can be attached or removed easily. A stainless steel mixing bowl of about 6Ltr capacity fitted with Heating Jacket for Heating of Sample at the Bottom of bowl with the thermostat controller. The mixing bowl can be held with the mixing apparatus and its height is adjustable.	1
10	CE 44	Bitumen Penetration Test Apparatus as per IS 1203	Bitumen Penetration Test Apparatus are used for testing bitumen, tar, cement and soils. A Chosen force is applied over a given area for a known period of time and the depth of penetration or the depression made in the sample is measured in tenths of a millimeter which is expressed as a penetration number. An accurately machined aluminium base with in- set spirit level in these bitumen penetration test apparatus has been designed to facilitate penetration tests to be made over a wide surface area of sample, Adjustable feet are provided in the base for leveling and a head support, mounted on a vertical rod which can be adjusted for head, a rack & pinion and pointer assembly provides for fine adjustments of needle or cone tip to sample incorporated a slipping clutch mechanism which makes reading of penetration and subsequent resetting a simple and accurate operation. Each Penetrometer is supplied with a Plunger and Needle weighing 50g for testing bituminous products, one of each 50gm & 100gm weights, and one of each aluminium sampling containers 55mm dia x 53mm ht & 55mm dia x 35mm ht. Automatic Bitumen Penetrometer Electrically Operated (Digital Timer), including adjustable weight arrangement & standard accessories. Suitable for Operation on 220V, Single Phase, 50Hz, AC Supply.	1
11	CE 45	Ring & Ball (Softening Point) Test Apparatus as per IS 1205	Ring & Ball (Softening Point) test apparatus is used for determination of softening point of bituminous materials. Softening point is that temperature at which the specimen under test becomes soft enough to allow a steel ball of specific dimensions to fall a required distance under test conditions. Ring and Ball apparatus (Softening Point) test apparatus electrically operated (Stirring Arrangement) with Borosil Beaker 600ml capacity, tapered rings, ball centering guides, steel balls (9.5mm dia), Stirring Rod and Heater. Suitable for Operation on 220V, Single Phase, 50Hz, AC Supply.	1
12	CE 46	Flash & Fire Point Test Apparatus as per IS 1209	Flash & Fire Point Apparatus used for determining the flash point of fuel oils and lubricating oil, bitumen other than cutback bitumen and suspension of solids in liquids, having a flash point above 49°C. The apparatus consists of brass test cup with handle removable cup cover with the spring operated rotated shutter having oil test jet flame device, stirrer with flexible shaft. The assembly rests in Air Bath which is covered with dome shape metal top. The cup assembly is positioned in a cast iron air bath, fitted with a chrome plated brass top having electric heater with temperature controller. Suitable for operation on 220V, 1Ph, 50Hz AC Supply. Suitable for Operation on 220V, Single Phase, 50Hz, AC Supply.	1
13	29 CE	Digital Portable Kit	Temp Compn.: 5 Deg Ce. To 55 Deg Ce, Manual Accuracy of Compn. + - 3% D. O. Sensor: Gold / Silver Membrane type. General: Display 3*1/2 digit LCD Decimal positioning : Automatic, Polarity Indication: Auatom Low battery indication: Automatic "LO-BATT" glows. Power Supply: Battery (6Nos cells of 1.5 V each R20 or equivalent) or mains 230V + - 10% 50 Hz. Ac.	1
14	09 AUTO	Battery charger	Battery charger :voltage -230v,amp-hr 60/50 for charging 4 batteries at a time, type aero take	1

  
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