

GOVERNMENT POLYTECHNIC, DHULE.



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Enquiry No. : GPD/STORES/DCA /CIVIL-I /2018-19/3312

Date: -

QUOTATION ENQUIRY

22 NOV 2018

Sub: QUOTATION FOR EQUIPMENTS FOR CIVIL DEPARTMENT.

(Due Date:-13 /12 /2018)

Sealed Quotations are from eligible and interested manufacturers/ dealers/distributors for the following items on the terms and conditions mentioned below.

P.SN	Name of the item with specification	Quantity required	Total Estimated cost in Rs.	DEPT
4	Vibrating Machine:- Vibrating Machine(Cement Motor Cube Vibrator) As per IS- 4031 suitable for making cubes of 70.7mm for mortar strength evaluation the mould is mounted on a vibrating platform with a frequency of 12000+/- 400 vibrations per minute to the platform attached to four springs same stiffness. The whole assembly operated by a revolving shaft with an eccentric mechanism, time switch, Electric Motor Single phase AC supply 220 V, 50 Hz.	1	35000	APM
9	Automatic Level:- Automatic level with telescopic aluminium stands with following specification. Standard deviation for 1km double-run leveling +- 1.0mm PPM -10 parallel plate micrometer +- 0.5 mm Telescope : Erect Clear objective aperture 45 mm Magnification 32xField of View at 100m. Shortest focusing distance 1.4 m Multiplication factor 100 Additive constant 0 Automatic compensator Working range +- 14 minutes Setting : accuracy +- 0.3 inch Sensitivity of Circular level per mm run 8 Min Graduation integer of Hz. Metal circle	3	45000	CIVIL
10	Digital Sound level Meter Description : Microphone, LCD Display, on-off button, A./C weighting selection button Min / Max Record button Range selector button F/S response selection button Max Hold selector button Calibration adjustment AC analog output jack Windscreen:- Display: LCD with bargraph Microphone: 0.5" (10mm) Electret Condenser Measurement Bandwidth L 300 Hz. To 8Khz. Measurement Range: 40 to 130 dB (A wtg). 45 to 130 dB (Cwtg) Frequency weighting : A and C (selectable) (under reference condition) / 0.1 dB Accuracy / Resolution 2 dB (Under reference condition_ Response time : Fast :125 milliseconds / slow:: 1 second Calibration source : 1Khz sine wave @ 94 or 114 dB AC output : 0.707 Vrms full scale Power : 4 AAA Batteries. Fattery life : 30 hours (typical) ; low battery indicator alerts user After apoprox. 20 minutes Operating temperature 32 to 122 deg. F (0 to 50 Deg C) Operating humidity : 10 to 90% RH Storage Temperature - 4 to 140 Deg F (- 20 to 60 deg Cent) Dimensions/ weight : 9x2.3x1.7" (230x57x44mm)/60z (172g)	1	10000	CIVIL
11	Ductility (of Bitumen)Testing Machine As Per IS 1208:- 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 & 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 ½ HP motor. Suitable for Operation on 220V, Single Phase, 50Hz, AC Supply.	1	10000	CIVIL
24	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	11000	CIVIL

25	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. Automatic Bitumen Penetrometer Electrically Operated (Digital Timer), including adjustable weight arrangement & standard accessories. Suitable for Operation on 220V, Single Phase, 50Hz, AC Supply.	1	10000	CIVIL
26	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	10000	CIVIL
27	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	12000	CIVIL
28	Pressure measuring Devices:- 1. U Tube Manometer - U Shaped Borosil (Corning) glass tube with both ends open with one end bent fitted on polished wooden base with scale and suspension hook to hang the manometer on pipe a) 150 mm b) 250mm c) 500 mm d) 1000 mm long. 2. Differential manometer - U-shaped Borosil (Corning) glass tube fitted on polished wooden base with scale and provided with a suspension hook to hang the manometer on pipe. 3. Piezometer - One meter long, made of corning glass with arrangement for mounting. 4. Pitot Tube -Cylindrical shape with blunt nose made from brass chromium plated bent at right angle with standard diameter and length. Height 500 mm with arrangement for attaching to manometer. Mounted on M.S. frame work	1	50000	CIVIL
29	Water Distillation Unit:- Dimesnion PH4 50CMX15CMX45CM 50/60 Hz. Weight 6kg approx Electircals 220/240 v. Single phase Power 3KW Heater Water Supply Min Flow rate 1 litre/min. Min Pressure 3 p.s.i. (0.2x105 NM Square) Features : Abundant Output , The still provides 4 Litres/Hrs. of distilled water produced through a power input of 3KW by a Chromium Plated heater housed in a horizontal borosilicate Glass Boiler . Distilled output is cool ensured by a high efficiency condenser,. Temperature of distillate 25deg C. - 40 deg C tested for ambient room temperature of 30 deg C. Provision for wall mounting.	1	30000	CIVIL
30	Automatic Self recording rain guggle (SRRG):- As per ISI/IMB Specification with iron stand , ink bottle of 25ml, graph pen, 100 sheets of graphs, mechanical clock, brass ring on top body made of G. I. Sheet duly painted	1	20000	CIVIL
31	Non recording rain guage (N:- R200 Sq. Cm. With measuring glass	1	15000	CIVIL
32	Rain guage Symon type:- As per IMD Specification with measuring galss	1	15000	CIVIL
33	Wind Vane:-As per IS/ IMD Specification	1	10000	CIVIL
34	Pan Evaporimeter:- As per IS/ IMD Specification	1	8000	CIVIL
35	Respirable Dust Sampler:- The model consist of main part :- the Control module The contorl module, houses all the functional parts required for the collection of particulate and gaseous samples. The gaseous sampling arrangements. Details specifications are given below. Heavy Duty Blower : 1.5 M3 /Min free fow (without resistance) Blower Duty Cycle : Continuous / 24 Hours Max. with proper maintenance of carbon brush. Votage Stabilizer: For rallies blower motor input 145-275 VAC (Standard) Output 230 + - / -10 VAC Auto Shut off Timer : 0- 24 hours Timer Totaliser : 0-9999 Min Flow Controller : Solid State continuously variable Flow Measurnment : U tube manometer with pitot tube and calibration curve. Filter Holder Assembly : Fibre with EPDM gasket. Filter Paper : 25cm x 20 cm (overall) Dimension L 23 cm x 18 cm (effective) Option : Brushless motor, specifications 0.5 HP, 3000 RPM, AC single phase motor 1.6 m3/min. Particulate Sampling: From 100 microns to 0.1 micron depending upon the type of filter paper used. Particulates above 10 micron upon	1	35000	CIVIL

TERMS AND CONDITIONS

1. The bid/quotation should be strictly submitted in two bid format.
2. The first envelope will contain Technical specifications of the product, technical literature/ leaflet and other documents mentioned below:-
 - a) Covering Letter for tender on the company letter head mentioning official address, Contact No, e-mail address and website address (if available)
 - b) Registration certificate of firm.
 - c) GST registration certificate/ Number.
 - d) GST Clearance Certificate - GST Challan – filled up to July 018.
 - e) Technical specification literature / leaflet of the make and model no of equipment quoted.
 - f) Undertaking of the bidder for Quality and after sales service & support and warranty clause for equipment quoted .
 - g) Proof Authorization/ Distributorship certificate from manufacturer. Proof of permission to manufacture the equipment/ item mentioned in the quotation from competent authorities along with above all mentioned documents are to be submitted, if the bidder is not a manufacturer.
 - h) Original equipment manufacture certificate if the bidder is manufacturer.Additional document may also be asked by undersigned for confirming the details.
3. The second envelope will contain the financial bid in which the all-inclusive rates F.O.R. Institute Government Polytechnic, Dhule shall be written and signed with the stamp of the establishment in the following format.

Sr. No.	Name of the item with specification	Quantity required	All inclusive cost per unit	All inclusive cost for quantity mentioned.
1.				

Date: -

Place: -

(Signature)

Rubber Stamp of organization.

4. The two envelopes should be sealed with a mention of the type of envelope (technical/ Financial), Reference no., Date of opening the quotation on the front side of the envelope. These two envelopes should be sealed in a third envelope by giving heading "QUOTATION FOR EQUIPMENTS OF CIVIL DEPARTMENT" and writing complete address of the undersigned.
 5. The quotations should reach the undersigned on or before date 13 /12/2018
 6. The material will be checked at this institute.
 7. Prices should be quoted F.O.R Institute (Govt.Polytechnic Dhule) and no extra charges will be paid for cartage, packing etc. for the material rejected and replaced
 8. Quotations will be opened on date 14/12/2018
 9. On the quotation opening day, first envelope i.e. 'Technical Bid' shall be opened and documents as mentioned in above terms shall be verified by the respective committee members of this institute and Second envelope i.e. 'Financial bid' will be opened only of eligible suppliers i.e. who have sent all the required documents in first envelope
 10. Rates must be valid for minimum six months from the date of confirmation letter.
 11. Materials should be quoted for standard makes and minimum pkgs.
 12. Delivery to the consignee has to be effected within **04 weeks** from the date of issue of purchase order. Thereafter the undersigned reserves the rights to reject the same if the delivery of the stores is delayed beyond the stipulated period.
 13. Immediately after delivery of goods, the supplier must send his representative /team of expert for Demonstration/ Installation/ Commissioning/Erection/Testing and Checking which shall be carried out free of cost at Govt.Polytechnic, Dhule and also the material required for the same must be carried by concerned.
 14. Prior intimation of delivery of goods as well as for Demonstration/ Installation/ Commissioning/Erection/Testing and checking should be communicated to this Institute.
 15. No advance payment is permissible.
 16. Every case will be taken to clear up the bills in a least possible period, if acceptable material to the agreed specifications mentioned in the purchase order must be supplied immediately without any delay.
 17. Dispatched documents must be sent directly to this office and not through any bankers.
 18. Material will be strictly rejected if not found as per purchase order specifications and the same shall be returned to your firm at your own cost.
 19. The undersigned reserves the right to alter /amend any terms without prior reference to the supplier and ordering part quantities without assigning reasons and the supplier shall supply the ordered quantity at accepted rates and also reserves the right to accept or reject any offer or all offers without assigning any reason thereof.
- Quotation sent by email shall not be accepted.
 - Quantity of above equipment's shall be purchased as per the availability of funds and all purchase procedure may be cancelled if funds not received by the Head office , this may please be noted.


(DR.R.G.WADEKAR)
PRINCIPAL
GOVT.POLYTECHNIC,DHULE

Copy submitted to :-

1. THE DIRECTOR ,DIRECTORATE OF TECHNICAL EDUCATION , DESK NO.11 – IT IS REQUESTED TO PUBLISH QUOTATION ENQUIRY ON WEB PORTAL
2. THE JOINT DIRECTOR ,REGIONAL OFFICE NASHIK – IT IS REQUESTED TO PUBLISH THE QUOTATION ENQUIRY ON WEB PORTAL
3. ✓ COMPUTER DEPARTMENT ,GOVT.POLYTECHNIC,DHULE ((SHRI. ARUTWAR SIR,)) – FOR UPLOADING THE QUOTATION ENQUIRY ON INSTITUTE WEB PORTAL
4. OFFICE SECTION , GOVT.POLYTECHNIC,DHULE TO DISPLAY ON INSTITUTE NOTICE BOARD
5. HEAD OF CIVIL DEPARTMENT – FOR NECESSARY INFORMATION AND DISPLAY ON DEPARTMENTS NOTICE BAORD