

GOVERNMENT POLYTECHNIC, DHULE.



Vidyanagri Deopur, Dhule
PH: 02562-272103. FAX: 02562-272103.
Email ID :- stores.gpdhule@dtmaharashtra.gov.in
office.gpdhule@dtmaharashtra.gov.in
Website : gpdhule.org.in

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

