



INVITATION FOR QUOTATION

Our Ref No.: DBATU/Store /DoCE/Survey lab /2023/ 2917

Date: 08 NOV 2023

Quotations for Supply of Surveying Lab. Equipment's

Due On: 29.11.2023

Date of Opening: 30.11.2023

Time: 11:00 AM

To,

Sub: QUOTATION FOR THE SUPPLY of Surveying Laboratory Equipment's.

Dear Sir,

Your quotation for the items listed overleaf, may please be submitted to the under signed, so as to reach this Office not later than 29.11.2023. While submitting your quotation, the following procedure

May please be observed and other points borne in mind.

01. The maker's name must be specified.
02. The "Terms and Conditions" for supply and delivery of stores, should be clearly indicated in the quotation, stating whether rates are, inclusive of all taxes, Packing and forwarding charges Freight charges, etc. or not, however rates offered as including all taxes will be more welcome.
03. If packing and forwarding charges are to be charged separately, it should be so clearly stated in your quotation.
04. Please mention clearly whether consignment would be Ex-Godown, Ex-Shop, of F.O.R. dispatching stations. Preferably terms offered as "Delivery of consignment of stores, on F.O.R."
05. Envelope should be clearly marked with our reference No and date of this quotation. It should also be superscripted as per the format given above.
06. The quotation would be opened as per date and timing given above, if desired by you, you may depute an authorized representative with a letter of authority to be present at the time of opening of the quotation at this Office on the aforesaid day, date & time.
07. Your quotation must be valid for a minimum 30 (Thirty) working days from the date of it's opening.
08. Quotation received after the date of opening may not be taken into consideration.
09. Items tendered should confirm to the specification shown in the attached list when and where, full or no specifications are indicated against items in the list. Kindly furnish your full specification in accordance with accepted standards against each item tendered. Where reference to catalogue is made, the relevant catalogues/ Pamphlets/ Literature should accompany the quotation.
10. Your quotation should be for all new items and not for second hand and should be submitted as per standard format of Quotation Submission attached herewith.
11. Please state whether items will be available Ex-Stock. If not the minimum period for delivery, or for supplying the items or stores.
12. It should be clearly stated whether **GST, Insurance, Freight or packing** and forwarding charges, or any other taxes and duties, etc. leviable.
13. It would be appreciated if illustrated catalogues/Literature etc is furnished with the quotation.

14. Expression to as "Complete with standard Equipment" complete with standard accessories "Equipment to" As good as should be avoided. If at all their use is unavoidable then it should be very specifically indicated as to what exactly they mean and what exactly would be supplied under them. Any ambiguity or vagueness should be avoided.
15. For convenience, kindly adopt while quoting the same serial Nos. as given in the list detailed below.

Thanking You.

Yours faithfully,


Registrar

Dr. Babasaheb Ambedkar Technological
University,

List of Items

Sr.No	Description / Specification	Make	Approx. Qty.
01	Surveying Laboratory Equipment's. (The detailed specifications are as per attached sheet.)		

Detailed Specifications – Surveying Laboratory

Sr. No.	Name of Equipment	Technical Specifications	Qty.
1	Transit Vernier Theodolite	20" Accuracy with optical plummet complete with box and stand. <ul style="list-style-type: none"> • Accuracy 20 second • Telescope length 7"(I.F.) with rack & pinion arrangement. • Horizontal & vertical circles graduated to read 20 seconds accuracy. • Erect Image by prisms. • Optical Plummet system embedded in circle. • Dark blue coated lenses. • Gunmetal axes. • Circle made from silver. • Wooden case. • All aluminum Telescopic stand. • Tightening Clamps made of metal • With standard accessories Like:- Magnetic compass, Diaphragm Extractor, Tommy Pins, Brass plummets with cord, Screw driver, Oil can, Cleaning brush 	5
2	Planimeter	<ul style="list-style-type: none"> • Analog Planimeter is supplied with sliding base pattern. • Driving mechanism which consists of circular disc roller, • Vernier calliper with tracing and fixing arms of suitable range and having fixing and tracing points. • Sliding bar pattern for measuring areas direct from drawings. • Complete instrument in a wooden case with instruction booklet. 	4
3	Dumpy Level	<ul style="list-style-type: none"> • Length: 178mm • Magnification: 28X • Objective aperture: 38mm • Object Glass dia.: 40mm • Short focus: 1.5 M • Stadia Ratio: 1: 100 • Additive constant: 0 • Accuracy: $\pm 2-3$ mm/km • Circle diameter: 95mm • Graduation: 10 minutes • Plate level sensitivity: 40"/2mm 	5
4	Automatic Level	<ul style="list-style-type: none"> • Telescope length : 214mm (8.42in.) • Magnification : 24x • Objective aperture : 32mm (1.26 in.) • Resolving power : 4" • Field of view (at 100m/328ft.) : 1°25' (2.5m / 8.2ft.) • Minimum focus : 0.2m (7.9 in.) from end of telescope: 0.3m (1ft.) from instrument center Image : Erect • Stadia Constant : 0 • Stadia Ratio : 100 • Focusing Knob : 1 speed • Sighting Aid: Gun Sight Accuracy (1km double run leveling) without micrometer: 2.0mm (0.08 in.) • Compensator type: Pendulum compensator with magnetic damping system • Setting accuracy: 0.5" • Working range : $\pm 15'$ • Circular Level Sensitivity : 10' / 2mm • Horizontal Circle Diameter : 99mm (3.9in.) 	4

		<ul style="list-style-type: none"> • Minimum Division : 10' / 2mm General : • Water resistance : IPX6 (IEC 60529:2001) • Operating Temperature : -20 to +50°C (-4 to +122°F) • Size (W x L x H) : 122mm (4.8in.) x 214mm (8.4in.) x 140mm (5.51 in.) • Weight: 1.5kg (3.3lbs.) • Supplied with Levelling Staff and Stand. 	
5	Laser Distance Meter	<ul style="list-style-type: none"> • Distance measuring accuracy : ± 2.0 mm • Range: 0.2 up to 40m • Measuring Units : m, ft, in • X-Range Power Technology: yes • Distance in m : 10m • Ø of the laser dot in mm : 6 mm • Memory of last measurement: 10 • Display illumination: yes • Free software for Windows: yes • Free App for iOS and Android : yes • General data interface : Bluetooth® Smart • Measurements per set of batteries: up to 10,000* • Service life of batteries: up to 20 h* • Batteries: type AAA 2 × 1.5 V • Dimensions: 115 × 43.5 × 23.5 mm • Weight with batteries: 87 g • Protection class: IP54 	4
6	Ghat Trace	<ul style="list-style-type: none"> • Ghat Tracer Cylon type with rack • Adjustment for forest use divided from 1 in 120 angle of elevation • Wooden box with wooden target and stand 	2

MSM