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ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ

ਆਈ. ਕੇ. ਗੁਜਰਾਲ. ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਜਲੰਧਰ I. K. GUJRAL PUNJAB TECHNICAL UNIVERSITY JALANDHAR Department of Civil Engineering

Ref. No. IKGPTU/Civil Engg./Survey Lab/2017-18/09d/11

Dated 13.07.2017

Subject: **Quotation for the Supply of Survey Lab Equipment's- Civil Deptt.**

Dear Sir/Madam,

University Intends to Purchase Survey lab equipments for Dept. of Civil Engineering in IKGPTU Main Campus by inviting sealed quotations. The Supply order will be placed to the firm offering lowest rates (item wise) Therefore, you are requested to send sealed quotation of Survey lab equipment by quoting lowest rates (inclusive off all taxes/Govt levies/duty/Packing Charges etc., The quotation must reach in the office of Head of the Department of Civil Engineering, I. K. Gurjarl Punjab Technical University, Jalandhar- Kapurthala Highway, Kapurthala - 144603 up to 24.07.2017. Quotation will be opened at 3.30 pm hours on 25.07.2017 in the office of Head of the Department of Civil Engineering, IKGPTU. The bidders or their representative may be present at the time of opening of the quotations.

Terms and conditions:

1. The rates should be quoted for each unit.
2. The rates should be quoted as net rates in both Words and Figures inclusive all kinds of tax charges, duties etc.,
3. The specifications of each item to be mentioned clearly.
4. The quantity of the items will be increased or decreased as per requirement.
5. The items to be delivered in the Head, Department of Civil Engineering, I. K.Gujral Punjab Technical University (Main Campus), Kapurthala, Punjab within 15 days of issuance of the supply order.
6. No advance payment will be made. Payment will be released after the inspection of delivery of goods/items and receipt of satisfactory report.
7. University will not pay anything extra, as the rates are invited are inclusive of all taxes/Govt.levies/duties and packaging cost etc.,
8. Please subscribe on envelope "Quotation for the Supply of Survey Lab Equipment's for Civil Engineering Department".


HoD/ Civil Engg, Cum Chairman of Committee

Enclosure. :(i). List of Survey lab Equipment's

CC: (i). Registrar (For information Please)

(ii). DR (Computer Cell) Please get it uploaded on University website.

"Propelling Punjab to a Prosperous Knowledge Society"

I. K. Gujral Punjab Technical University Main Campus

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List of Survey Lab Equipment's.

Sr. No	Name of equipment	Specifications	Quantity
1.	Prismatic Compass with stand	Made of Gun metal and Brass with tripod with ball and socket joints. Complete in FRP Case. Conforming to ISI Specification. Size 100mm with complete in leather case.	4
2.	Surveyor's Compass with stand	Made of Gun Metal fixed graduated dial N.N.E., E. S. E., S. S. W. and W. N. W., with Aluminum stand complete in leather case with size of 100 mm.	4
3.	Plane Table with accessories(Alidade, Trough Compass, Plumbing bob, U-forque)	Conforming to ISI Specification with teak wood battens, brass washers and screws, board corners protected by aluminum corners fitted with brass plate 160 mm. dia, with teak wood rigid stand. Size 750 x 600 mm ACCESSORIES: Sight vane (Alidade) made of brass 600 mm, magnetic compass rectangular pattern made of brass 150 mm, plum bob made of brass, Engineer's Spirit level plumbing fork made of brass and water proof canvas cover.	06
4.	Vernier Theodolite (Transit) with stand	Precision Direct Reading Vernier Transit Theodolite:- Size 178mm, Export Quality fitted with Optical Plummet and blue coated optics showing ERRECT IMAGE circles & Vernier are in pure silver with Gun Metal Axis, Accessories in Wooden box, with Telescopic Aluminum Stand , Accuracy 10 seconds or better with plump - bob.	04
5.	Chain with Links(20m),(30m)	As per ISI specification having 150 links with 5 Arrows.	4 each
6.	Ranging rod (3m and 4m)	Made of conduit pipe 18 gauge 25 mm dia, alternate painted in black and white with strong Point iron shoe	10 each
7.	Survey flag/Arrow		30
8.	Screw driver kit	Champion Set	01
9.	Spring Balance (10kg)		01
10.	Survey Umbrella	6 feet dia after opening. Detachable in two parts upper Circular portion and lower part vertical rod for stand	05
11.	Measuring Tape (30m, 20m)	Metallic (Freeman's) Glass fiber	05 each
12.	Measuring Tape	Steel Tape	04 each

	(20m, 10m)		
13.	Hammer	7 Kg weight with wooden Handle	01
14.	Thermometer	Digital with measuring capacity 0 to 100 ⁰ C	2
15.	Steel Peg	1.6"Square size and 9" long with pointed shoe	50
16.	Wooden Cross Staff	Standard Size	04
17.	Offset Rod	Made of conduit pipe 18 gauge 25 mm dia, alternate painted in black and white with strong Point iron shoe	05
18.	Metal Arm Cross Staff	Standard Size with eye and Object vanes	02
19.	Planimeter	Sliding bar type with Size of 28"	01
20.	Tripod for Survey station with signal for bisection / centering	Height 12' with detachable legs made of steel angle section with Cylinder size of 150mm dia and 300mm high for bisection.	06

SD