



राजकीय इंजीनियरिंग कालेज

कटरिया याकूबपुर, अम्बेडकर नगर (उ०प्र०) – 224122 भारत



Rajkiya Engineering College

Katariya Yakoobpur, Ambedkar Nagar, (U.P.) – 224122 Cell Phone: 91-9454439590

AICTE APPROVED GOVERNMENT ENGINEERING COLLEGE Website: www.recabn.ac.in

VIDE APPROVAL LETTER No. F. No. Northern/1-3511948247/2018/EOA DATED: 30-Apr-2018 E-mail: director@recabn.ac.in

Affiliated to Dr. A.P.J. Abdul Kalam Technical University Lucknow, U.P., India

RECABN/TEQIP-III/2018-19/180

Date: 16/05/2019

INVITATION FOR QUOTATION FOR SURVEYING LABORATORY

To,

Dear Sir,

You are invited to submit your most competitive quotation for Surveying Laboratory items for the Rajkiya Engineering College, Ambedkar Nagar. In this connection, submit your financial offers/quotation as per the product in the given format in Annexure-II for Surveying Laboratory. The details of specifications are given in Annexure-I

Sr. No	Name of Particular/ Product/Package Brief Description	Quantity	Place of Delivery	Installation Required
1	Surveying Laboratory Items	As per specification (Attached in Annexure-I)	Rajkiya Engineering College, Ambedkar Nagar	YES

Government of India has received a credit from the International Development Association (IDA) in various towards the cost of the **Technical Education Quality Improvement Programme (TEQIP) Phase -III** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.

Instructions:

1. The quantity of the particulars is as mentioned in annexure-I.
2. The bidders should quote their offer/rates in package not individual items clear terms without ambiguity and shall be submitted individually for the above said Products.
3. The institute will select bidder who has offered the lowest aggregate cost for complete package of surveying laboratory.
4. All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price.
5. The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
6. The cost should be quoted in Indian Rupees only.
7. Quotation/Offer shall remain valid for a period not less than 45 days after the last date of submission.
8. For the said product warranty should be at least two years/ onsite manufacture warranty.
9. The last date of submission of offer is **06/06/2019** by **5:00 PM**.
10. The quotation will be open on **10/06/2019 at 2:00 PM**.
11. Sealed quotation to be submitted/ delivered at the address mentioned below:

Quotation (In the name of)	Delivery Address
To Director Rajkiya Engineering College, Ambedkar Nagar Pin Code-224122, Uttar Pradesh	TEQIP-III Office Rajkiya Engineering College Ambedkar Nagar Pin Code-224122, Uttar Pradesh

12. At the top of envelop should be mention **Quotation for Surveying Laboratory Under TEQIP-III** in bold.
13. Make and model should be specified, and Material should be standard.
14. Submit a GSTIN registration and PAN copy of firm duly signed.
15. Submit two P.O. of similar types of works/items delivered in any reputed institution/organizations.
16. Delivery of the said items should be within 45 days from the date of P.O.
17. Payment shall be made in Indian Rupees as per P.O. no advance will be paid for the said.
18. Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the process and reject all quotations at any time prior to the P.O.
19. Postal or courier delay will not be considered, and the bid received late will be rejected.



Indenter of Surveying Laboratory



(TEQIP-III Coordinator)

S No	Item	Specifications	Qty
	Description	Required	
1	Total Station Autofocus enabling precise and fast Focus, Dual Color Touch screen Display, L2P Security location technology, Compact, light weight		6
	ANGLE MEASUREMENT		
	Accuracy	5"	
	Least Count	0.1 "	
	TELESCOPE		
	Magnification	30X	
	Resolving Power	3"	
	Image	Erect	
	Minimum Focus	$\leq 1.5\text{mm}$	
	Focusing Type	Manual & Auto focus	
	Visible Laser Pointer	Yes	
	DISTANCE MEASUREMENT RANGE		
	With Prism single Prism	5000 Meter	
	Reflective Sheet	300m	
	Without Prism Measurement on reflective Surface	600-700m or better	
	Distance accuracy with Prism (Precise)	2mm+2ppmXD	
	Distance accuracy without Prism (Precise)	4mm+2ppmXD	
	Distance Least count	0.1mm	
	MEASURING TIME		
	PLUMMET		
	Plummet	Laser plummet/Optical	
	DISPLAY WITH KEYBOARD		
	3.5" Full VGA Colored Touch Screen Display Minimum ((600 x 450 pixel), Graphical, illumination & daylight readable, keyboard (Soft/Hard) on both side. user defined HotKey/Trigger keys for Prism & Non Prism		
	COMPENSATOR		
	Compensator range	+ 3' or better	

Annexure

ON BOARD FEATURE & loaded Software Should be OEM Make	Surveying , Layout, Height measurement, missing distance measurement, Resection, Area Calculation, Sub Area division , reference Line, COGO, Projection Systems, National grids System , select Geoids, Grid to Ground , select Coordinate in order NEZ & ENZ , settings (units, precision, parameters, etc.) graphical display of Survey Data with Zoom in Zoom Out, Pan facility, line Joining , Import Shape, TIFF, DXF & Excel file in Background, Export DXF, Excel , Shp. etc
Guide Light/ Track light	Available on Instrument (Two laser)
STORAGE MEMORY & PROCESSOR	4GB or More
Internal Memory	8GB Pen drive or better.
External Memory through pen drive only	800MB
PROCESSOR	512MB
RAM	
OPERATING SYSTEMS	Window EC7
Windows® Systems	through Bluetooth, Memory pen drive, Mini USB cable & Serial
COMMUNICATION	
POWER SUPPLY	12hrs (Li-ion)
Operating Time	
ENVIRONMENTAL CONDITION	
Operating Temp	-20deg C to +50 deg C
Dust and water protection	IP66
SENSITIVITY OF CIRCULAR LEVEL	10'/2 mm
SECURITY	Should have Password protection option for data security.
INSTRUMENT MODEL & ACCURACY	Should be shown on display Screen.
ACCESSORIES WITH EACH UNIT	<p>Data downloadng cable -1no Battery Charger -1no (charge two battery simultaneously)</p> <p>Rechargeable Battery Li-ion 2no, 8GB pen drive 1no, Graduated range pole 2.15meter with bubble -1no, prism with holder -1no, Wooden Tripod-1no</p>

Arunesh

	Description	Required	1
2	Total Station with keyboard and black & white Display on both side & Auto Focus.		
	ANGLE MEASUREMENT	5"	
	Accuracy	1"	
	Least Count		
	TELESCOPE		
	Magnification	30X	
	Resolving Power	3"	
	Image	≤ 1.5mm	
	Minimum Focus	Manual & Auto focus	
	Focusing Type	Yes	
	Visible Laser Pointer		
	DISTANCE MEASUREMENT RANGE		
	With Prism single Prism	5000 Meter	
	Reflective Sheet	300m	
	Without Prism Measurement on reflective Surface	90% 600-700m or better	
	Distance accuracy with Prism (Accurate Mode)	2mm±2ppmXD	
	Distance accuracy without Prism upto (Accurate Mode)	4mm±2ppmXD	
	Distance Least count.	700m	
	MEASURING TIME		
	PLUMMET		
	Plummet	Laser plummet /Optical	
	DISPLAY WITH KEYBOARD	Black & White LCD Display (128 x 62 pixels) with back-lit, graphic, keyboard on both side.	
	COMPENSATOR	Dual Axis or better	
	Compensator range	± 3' or better	

Avneesh

ON BOARD FEATURE & loaded Software Should be OEM Make	Surveying, Layout, Height measurement, missing distance measurement, Resection, Area & parameter Calculation, COGO, Offset, settings (units, precision, parameters), user defined HotKey/Trigger keys for Prism & Non Prism etc.
STORAGE MEMORY	
Internal Memory	50000 pts /500MB
External Memory through pen drive only	8GB Pen drive or better.
COMMUNICATION	Through Bluetooth, Memory pen drive & Serial.
POWER SUPPLY	
Operating Time	20 hrs (Li-ion) with Hot swappable option (internal slot for two batteries)
ENVIRONMENTAL CONDITION	
Operating Temp	-20deg C to +50 deg C
Dust and water protection	IP66
SENSITIVITY OF CIRCULAR LEVEL	10'/2 mm
SECURITY	Should have Password protection option for data security.
INSTRUMENT MODEL & ACCURACY	Should be shown on display Screen.
ACCESSORIES WITH EACH UNIT	Data downloading cable -1no Battery Charger -1no(charge two battery simultaneously) Rechargeable Battery Li-ion 2no, 8GB pen drive 1no, Graduated range pole 2. 15meter with bubble -1no, prism with holder -1no, Wooden Tripod-1no

Arvind

FORMAT FOR QUOTATION SUBMISSION

(In letterhead of the supplier with seal)

Date: _____

To: _____

Gross Total Cost (A+B): Ks.

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. _____ (Amount in figures) (Rupees _____) within the period specified in the Invitation for Quotations.

— amount in words) within the period specified in the — months shall apply to the offered items and we also confirm to agree with terms and conditions. We confirm that the normal commercial warranty/ guarantee of — months shall apply to the offered items and we also confirm to agree with terms and conditions.

as mentioned in the Invitation Letter.
We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: _____

Address: _____

Contact No. _____