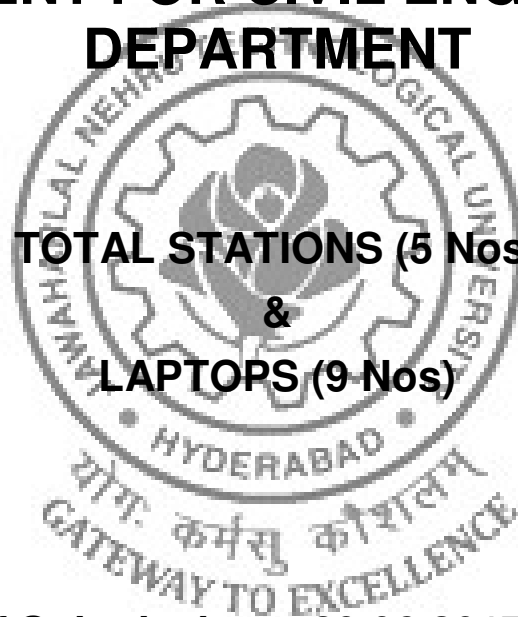


INVITATION TO TENDER AND INSTRUCTIONS TO TENDERERS

EQUIPMENT FOR CIVIL ENGINEERING DEPARTMENT

**TOTAL STATIONS (5 Nos)
&
LAPTOPS (9 Nos)**



Last Date of Submission : 29.06.2017 upto 1:00PM

Tender Opening Date & Time : 29.6.2017 at 2:30PM

**DEPARTMENT OF CIVIL ENGINEERING
JNTUH COLLEGE OF ENGINEERING, HYDERABAD**

(Autonomous) Kukatpally, Hyderabad - 500 085

Tender Notice No: JNTUHCEH / CIVIL /TS & LT/2017-18, dated: 22.06.2017 in the Editions of Eenadu, Hindu (TS).

INVITATION TO TENDER AND INSTRUCTIONS TO TENDERERS

Sir / Madam,

Jawaharlal Nehru Technological University Hyderabad College of Engineering, Hyderabad invites tenders for the supply, demonstration and maintenance during after warranty of **Total Stations & Laptops** as per specifications given in the schedule attached to the Tender form annexed hereto. If you are in a position to quote for fabrication, supply, installation, commissioning and maintenance during and after warranty of the given equipment with specifications as given in the tender specifications you may kindly quote. All offers should be made in English.

The tender schedules can be obtained from the Head, Department of Civil Engineering, JNTUH College of Engineering, Hyderabad on payment of Rs. 5,000/- (Rupees Five thousand only) in the form of crossed Demand Draft on any Nationalized Bank drawn in Favour of the Principal, JNTUH College of Engineering, Hyderabad. Any alternatives offer / option must be quoted in separated tender schedule. Alternative offers made on the same tender schedule are liable to be rejected. Tenders should enclose full details of all the equipment available with full documentation, descriptive literature / leaflets indicating special features of their equipment along with their offers.

All documentation is required to be in English

In case the equipment offered deviates from the specifications laid down in the schedule attached to the tender form, tender should describe in what respect and to what extent the equipment offered by them differs / deviates from the specifications even though the deviations are minor failing which his offer will be ignored. Tenderers shall make available to the purchaser the full information and technical documents (at least three sets) on the equipment being offered along with the proposal. Tenders shall furnish details of the back-up engineering and systems support that will be available to the purchaser.

Tender fee once paid is neither refundable nor adjustable for other tender. The tender form is non-transferable and should be purchased in the exclusive name of the party who has to actually submit the offer.

Quotations should have the price of the individual sub items clearly shown. The JNTUH College of Engineering, Hyderabad also reserves the right to revise or alter the specifications of the equipment before acceptance of any tender.

Tenderers have to clearly indicate whether the equipment is indigenous or imported. It should be indicated that whether it contains ISI mark if it is indigenous or any other standard if it is imported.

Each copy to the tender should be complete document. The tender should submit his previous installation details of similar machine at reputed institutions like NIT'S/IIT's along with contact person and with certificates. Incomplete tenders, amendments and additions to tender after opening or late tenders are liable to be ignored.

Installation, Erection, Commissioning and acceptance at site:

The tenders shall be responsible for erection and installation of the equipment at destination site and for making it fully operational. Payments, terms and conditions, if any, for the same should be specified by the tenders separately.

EMD:

The Tender has to pay EMD of 60,000/- (Rupees sixty thousand only) for total stations and for Rs. 22,000/- (Rupees twenty two thousand only) for Laptops for the above item of the schedule. The final acceptance of the equipment will be made only after installation & demonstration, satisfactory functioning of the equipment are cleared by the Vendor. Tenders without EMD will be rejected. EMD will be returned to unsuccessful bidders. EMD of the successful bidders will be returned after 12 months.

Warranty :

Tenders shall be fully responsible for the manufacturer's warranty in respect of proper design, quality and workmanship of all the equipment, accessories etc. covered by the tender for a period of 24 months from the date of acceptance of the equipment. Defective equipment shall be packed / sorted by the Tenderer and not by the JNTUH College of Engineering, Hyderabad. Offers for a three year warranty are also invited along with the additional cost if any. Offers for a three year warranty are also invited along with the additional cost if any. Annual Maintenance Contract (AMC) after expiring warranty period should be mentioned along with component/accessory replacement.

Warranty regarding the quality shall be as given in the tender schedule and should be signed by the Tenderer and enclosed with the offer.

Prices:

The prices must be quoted separately for each item listed in the proforma and they must be firm, inclusive of packing, forwarding, freight, insurance, installation and commissioning at destination site (for Hyderabad). Discount, if any allowed, should be specified for each item separately. Offers not indicating item wise and sub-item wise prices are liable for disqualification. The tender should also quote the prices of different spares and other consumables that goes along with the equipment.

Validity:

The tenders should be valid for acceptance up to a period of 6 months. The Tenderers should be ready to extend the validity, if required.

Delivery :

The system should be delivered and installed and commissioning within 2 months from the date of issue of firm order and entering into contract.

If, however, it is not possible to deliver, install and commission the equipment within the said period, the Tenderer should specify the period by which they can guarantee delivery, installation and commissioning after acceptance of the tender. This has to be accepted by the tender committee; otherwise the tender may be

cancelled .If the tender is cancelled EMD will be forfeited.

Terms of Payment:

100% of payment shall be made by the JNTUH College of Engineering, Hyderabad after receipt of equipment, installation and functioning of the equipment to the entire satisfaction of the college.

Terms and Conditions of the Tendering Firms:

Printed terms and conditions of the Tenderers will not be considered as forming part of their tenders. Invitation to tender is not acceptable to any Tenderers. He should clearly specify deviation in his Tender. The JNTUH College of Engineering reserves the right to accept or reject them. The JNTUH College of Engineering shall not be bound to give reasons for the refusal to consider the tender with such deviations.

Instructions regarding filling tenders:

1. If any modification of the schedule is considered necessary, the Tenderers should communicate the same by means of separate letters sent with the tender.
2. The tender is liable to be ignored if complete information as called for in this invitation to tender is not given therein or if particularly asked for in questionnaire in the tender form are not fully furnished.
3. The tender is liable to be ignored if complete information is not given therein or if the particulars and date (if any) asked for in the schedule to the tender are not fully filled in. Specific attention must be paid to the delivery dates and also other relevant conditions of the contract to be executed.

Delivery of Tender:

The sealed tender in duplicate should addressed to:

The Principal
JNTUH College of Engineering Hyderabad (Autonomous)
Kukatpally
Hyderabad - 500 085

Superscripted on the right hand side "Tender for Supply of **Total Stations & Laptops**", JNTUH College of Engineering, Hyderabad" and should indicate clearly the name and address of the Tenderer. In addition, left hand corner of the envelope / container should indicate the Tender No., date and time of opening of tender. Right is reserved to ignore any tender which fails to comply with the above instructions. All tenders should be sent by Registered post or through messenger handed over to the above named officer or to the person authorized by him to receive the tender on his behalf of this office and acknowledgement obtained. It is the responsibility of the Tenderer to see that his tender offer is delivered by the specified time at the above latest address. All further communication should be addressed to the Officer named above and by title only.

Latest Hour for Receipt of Tender:

The tender must reach the Principal, JNTUH College of Engineering, Hyderabad Kukatpally Hyderabad- 500 085 not later than **29-06-2017 at 1.00 pm**. Tenders submitted after the specified time shall not be considered and no intimation will be sent in this regard.

Period of which offer will remain open:

The tender shall remain open for acceptance until six months from the last day of the receipt of the tender. If the day up to which the offer is to remain open has been declared to be holiday, the offer shall remain open till next working day. The tenders qualified by such vague and indefinite expression such as subject to immediate acceptance subject to prior sale will not be considered.

Right to Acceptance:

The Principal, JNTUH College of Engineering, Hyderabad does not bind himself to accept the lowest on any tender and reserves to himself the right of accepting the whole or any part of the tender or portion of the quantity offered and the Tenderer shall supply the same at the rate quoted. The JNTUH College of Engineering, Hyderabad reserves the right to reject any or all offers received in response to tender or cancel or withdraw the tender notice without assigning any reason.

Results of Tender:

Acceptance of Tender shall be communicated by letter of acceptance or formal acceptance of the tender to the successful Tenderer.

Passing of property:

Property in the stores shall not pass to JNTUH College of Engineering, Hyderabad unless and until the equipment has been delivered, installed commissioned and accepted, in accordance with the conditions of the contract and to the entire satisfaction at the JNTUH College of Engineering, Hyderabad.

Definitions and Interpretations:

Definitions / Interpretations relating to Authority Officers of the purchaser will be suitably incorporated in the contract to be executed by successful Tenderers.

General Instructions:

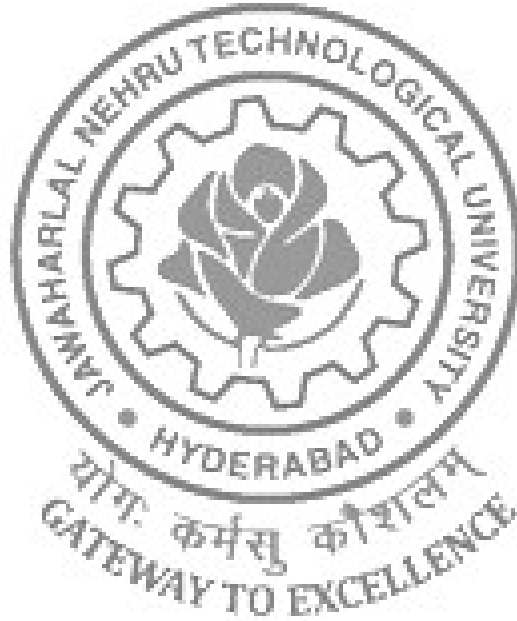
- Tenderers are required to give full particulars of free service they would give to the purchaser during the period of warranty and subsequently.
- The company participating in the tenders should produce authorization certificate from their principals.
- Company participating in Tender and successful bidder should give Bank guarantee against letter of credit.
- Company should be responsible and bear any price escalation with in the validity period and also after the indent has been placed till the supply.
- Our college is having Customs Duty exemption certificate. Hence should be noted by the participating company.
- Companies participating in tender should quote all incidental expenditure including freight transit insurance.
- The component of commission percentage for customs clearance of a fixed amount for customs clearance should be clearly mentioned and responsibility of clearance will be lying on companies

coming forward to supply.

- Annual Maintenance Contract (AMC) after expiring warranty period should be mentioned along with component / accessory replacement.
- The tender cover should be superscribed with the caption given in the quotes, “Tender not to be opened before **1.00PM on 29.06.2017**.
- Companies should make their representative available on **29.06.2017** at **2.30 PM** at the time of opening tenders.

The Principal reserves right to cancel the tenders without assigning any reason.

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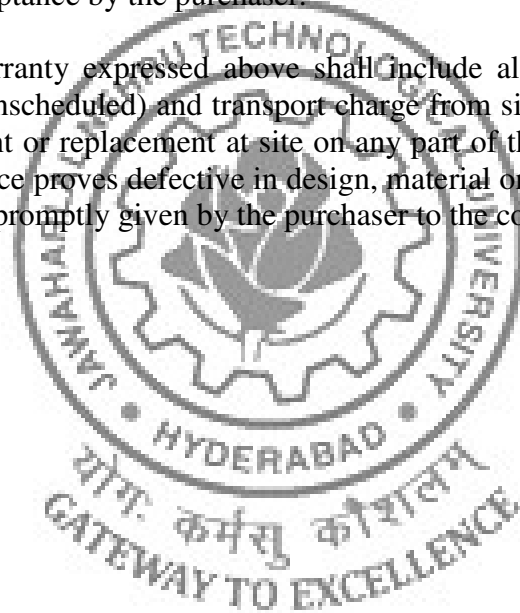
WARRANTY DECLARATION:

We warrant that everything to be supplied by us hereunder shall be brand new, free from all defects and faults in material, workmanship and manufacture and shall be of the highest grade and quality and material of the type ordered, shall be in full conformity with the specification, drawings, or samples, if any and shall operate properly. We shall be fully responsible for its efficient operations. This warranty shall survive inspection of equipment and acceptance of the goods, but shall expire (exact in respect of complaints of which the contractor has been notified prior to such date, 24 (/24/36/48) months after their successful installation and acceptance by the purchaser.

The obligations under the warranty expressed above shall include all costs relating to labour, spares, maintenance (preventive and unscheduled) and transport charge from site to manufacturers workshop and pack and for repair / adjustment or replacement at site on any part of the equipment which under normal and proper used and maintenance proves defective in design, material or workmanship or fails to conform to the specifications which are promptly given by the purchaser to the contractor.

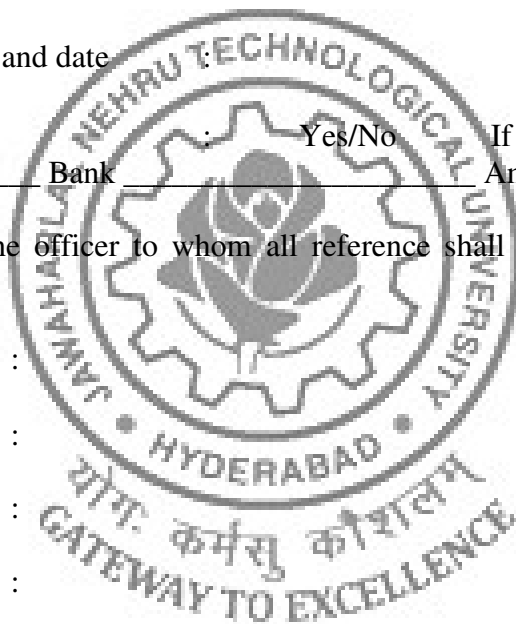
Signature of the witness

Signature of the vender



BID PARTICULARS

1. Name of the bidder :
2. Name of the Manufacturer :
3. Address of the bidder :
4. Address of the Manufacturer :
5. Place of Manufacturer :
6. Service available at Hyderabad : Yes/No
7. Availability of Spare parts :
8. Bidders proposal number and date :
9. EMD enclosed : Yes/No If Yes
DDNo. _____ Bank _____ Amount. _____
10. Name and address of the officer to whom all reference shall be made regarding this tender enquiry.
Telephone No. :
Fax No. :
Mobile No. :
e-mail :
web :
Witness Signature :
Name :
Designation :
Address with seal :
Date :



TECHNICAL SPECIFICATION FOR TOTAL STATION

S.NO.	TECHNICAL DESCRIPTION	SPECIFICATION REQUIRED
1.	Magnification	: 30X.
2.	Effective diameter of objective	: 40mm.
3.	Shortest focusing distance	: 1.5m.
4.	Laser pointer	: Should be available.
5.	Operating Temperature	: - 20°C to + 50°C.
6.	Angular accuracy	: 2" Accuracy.
7.	Distance measurement accuracy	: 2mm + 2ppm (With Prism).
8.	Clamps (Horizontal & Vertical)	: Endless with clamping.
9.	Plummet	: Built in Laser plummet
10.	Compensator	: Dual Axis.
11.	Compensator range	: Dual axis with $\pm 3.5'$
12.	Distance measurement with Single Prism	: 3000m or more .
13.	Distance measurement without Prism	: 250 m or more.
14.	Memory	: 128 MB RAM and at least 128MB inbuilt memory.
15.	Batteries	: 2x Rechargeable Lithium ion Batteries with at least 12 hours of operation.
16.	Communication (Data Transfer)	: USB port, Integrated Bluetooth, and support for pen drive
17.	Display	: Colour LCD Display
18.	On Board Operating Software	: Windows CE 6.0 with TFT Color Display With Touch Screen Facility on at least one side
19.	Key Pad	: Should have full Alphanumeric Key Pad at least on one side
20.	Water & Dust protection	: IP 66 or better
21.	Angle Measurement	: Absolute Encoding System.
24.	On Board Software	: Resection ,Setting out –Points / Arcs / Lines , Point Projection-Offset from the line / Offset to the line, Intersection-Line /Arcs , Feature Coding , Traverse Adjustment with detailed report , Offset –Angle (Hidden points) ,compute distance (MLM), Remote Object

Height, Area Calculation-Division of Area Parallel or Hinge Wise , Link CSV Files and Existing Jobs Files, CSV File can be created On the Instrument itself, DXF File can be kept as Background In the map of Current Job or better.

Original OEM List of Items to be supplied along with the main equipment for Each Unit .

- i) Heavy duty wooden Tripod – 1 no each,
 - ii) Single circular Prism with Target plate holder – 1 no each,
 - iii) Telescopic Prism pole (2.6m) – 1 no each,
 - iv) Internal Batteries : Rechargeable Lithium ion type – 2 no each,
 - v) Charging kit : 1 no each with facility for charging 1 or more batteries at a time.
 - vi) Good Quality Box for Instrument and accessories .
-

Scope of supply for Electronic Total Station

- 01. Electronic Total Station with 2 sec accuracy (1-no.)
Alphanumeric keyboard with internal memory 10,000 data lines Built-in software's and following accessories
- 02. Data downloading cable (1 no.)
- 03. Internal Battery (with 8 Hrs Capacity) (2 nos.)
- 04. Single Circular Prism (1 no.)
- 05. Graduated Telescopic Range Pole (1 no.)
- 06. Wooden Tripod stand (1 no.)
- 07. Data downloading & Processing software (1 no.)

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Specifications for Laptop

1	Processor	Intel® Core i7-7500U (2.7GHz, up to 3.5 GHz with Intel Turbo Boost Technology, 4MB L3 Cache, 2 core)
2	Memory	8 GB DDR4 RAM 2133 MT/s Memory upgradeable up to 16GB with (2x 8Gb Rams)
3	HDD	1TB SATA Hard Disk and HDD is have a capability to reduce the risk of damage if the notebook is accidentally dropped.
4	Optical Drive	External DVD RW
5	Display	14" diagonal HD anti-glare LED-backlit (1366 x 768)
6	Graphics	NVIDIA® GeForce® 930MX (2GB DDR3 dedicated, switchable)
7	Keyboard	Spill-resistance Laptop Keyboard with backlit
8	Network	Integrated Realtek Ethernet (10/100/1000)
9	Wireless	Integrated Wireless LAN and Bluetooth® 4.0 Combo
10	Web Cam	Integrated 720p HD webcam
11	Multimedia	Integrated HD audio with DTS Studio Sound and Integrated microphone
12	Ports and Connectors	1 USB 3.0, 1 USB 2.0 (power port), 1 USB Type-C, 1 HDMI,1 headphone/microphone combo,1 RJ-45,1 VGA, Finger Print Reader, Multi Media Reader Slot supporting SD, SDHC, SDXC- One(1)
13	Operating System	Preloaded Genuine Windows 10 Professional Licensed 64 Bit
14	Battery Life	Internal battery with 6 hours back up time in standard conditions. (Battery life will vary depending on various factors including loaded applications, wireless functionality, and power management settings.
15	Certifications	ENERGY STAR®, EPEAT-Gold, UL, FCC Compliance, Windows certification.
16	Warranty	3 years onsite warranty.
17	Accessories	Executive/Backpack Laptop Carry Case



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TERMS & CONDITIONS

PRICES FOR DESTINATION

PAYMENT AS PER OUR TENDER TERMS

VALIDITY 120 DAYS FROM THE DATE OF OPENING THE TENDER

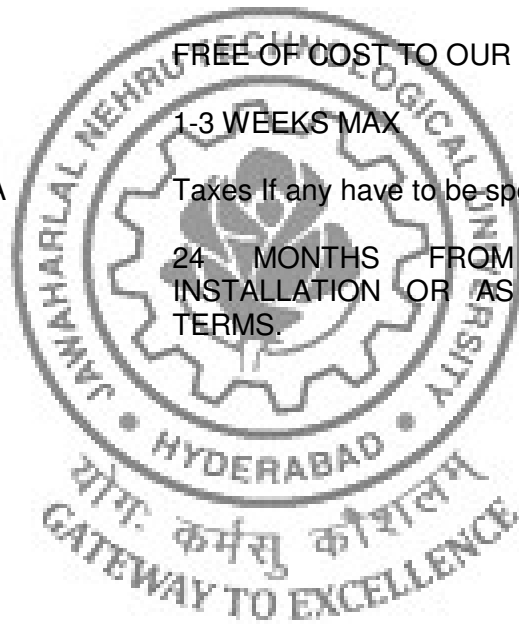
TRAINING FREE OF COST TO OUR FACULTY MEMBERS.

DELIVERY 1-3 WEEKS MAX

SALES TAX EXTRA Taxes If any have to be specified.

WARRANTY 24 MONTHS FROM THE DATE OF INSTALLATION OR AS PER OUR TENDER TERMS.

ORDER



Sd/-
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