

GOVERNMENT COLLEGE OF ENGINEERING SRIRANGAM, TRICHY - 620012

TAMIL NADU

E-Procurement Tender Notice

PURCHASE OF TOTAL STATION – 2 NOS.

TenderNo: GCES-TRY/A82/ET/2020/CIVIL/Total station date: 28.01.2020

Online bids are invited through e-tender portal <https://tntenders.gov.in> from the suppliers for the purchase of “Total Station – 2 Nos.” to department of Civil Engineering, Government College of Engineering Srirangam, Trichy – 620012 along with Earnest Money deposit (EMD) Rs.10,000/- in the form of demand draft in favor of “The Principal, Government College of Engineering, Srirangam” payable at Trichy. No Interest shall be paid on EMD.

The last date for submission of bids is 22.02.2020 at 12.30 PM. Bids will be opened on 24.02.2020 at 10.30 AM. Bids in Physical form will not be accepted.

The offers without Earnest money Deposit (EMD) shall be out rightly rejected.  
Earnest Money deposit (EMD) is to be submitted before 22.02.2020 / 12.30 P.M

Place: Trichy - 12

Date: 05.2.2020

  
05/2/2020  
PRINCIPAL



## TERMS AND CONDITIONS

1. The Bidders interested in participating in the e-Tender must be registered with Tamilnadu e-procurement system portal and also should have Digital signature certificate.
2. The bidders should have registered office or Branch office within Tamil Nadu and proof of address should be uploaded.
3. Bidders should submit their bids in two bids system through online ([www.tntenders.gov.in](http://www.tntenders.gov.in)) in prescribed format only.
  - (i) Technical Bid – shall be submitted along with self attested scanned copies of necessary documents in Pdf format.
  - (ii) Financial Bid–
    - a) In xls format only (Excel Format).
    - b) Rate per unit should be mentioned
    - c) Other elements of price taxes / packing and forwarding / loading and unloading / installation should be clearly mentioned separately.
    - d) if the bidder fails to include taxes and duties in tender, no claim thereof will be considered by purchase afterwards
    - e) All rates quoted should be in Indian Rupees (INR) only.
    - f) Price quoted by the bidder should be firm and final.
    - g) The bidders should not enter ('0') Zero Value for not Quoted Items in BOQ. They should leave the cell blank.
    - h) The bidders should Quote GST % in BOQ as per HSN code.
    - i) If any bidders activity cause any damage or confusion in the BOQ, they will be Blacklisted.
4. Bids in physical form or in any other manner will not be accepted.
5. Bidders should have
  - a) Local office in TamilNadu.
  - b) Carried out similar works preferably at any central/State Government Educational/ Research Institute or institute of National Repute/ University / any Organization of National Repute.
  - c) Experience of delivering / establishing similar kinds of equipments / laboratories in institute for more than five years.
  - d) To produce the certificate of incorporation of the organization. Certificate from ROC (Registrar of Companies) should be enclosed
  - e) To assure for availability and supply of spare for next five years for the materials to be supplied. Self declaration is to be enclosed.
6. The Bidders must have valid
  - a) PAN
  - b) Valid GST Registration Number. (Bids without GST registration Copy will be rejected).
7. Bidders must not be black listed by any of the department / Institution of Government of Tamil Nadu. The Bidder should submit a letter duly stated.
8. Validity of the bid should not be less than 120 days
9. Warranty should not be less than 1 year (It will start after the date of Successful Installation).



10. All the items/Goods/Equipment/machineries/articles should be delivered and installed at the premises of Government College of Engineering Srirangam, Sethurapatti, Trichy – 620012, Tamilnadu only.
11. Mode of payment through ECS of supplier's bank account (100% payment will be given only after the goods are received in good condition and installation is completed).
12. Non execution of the order within the prescribed date will lead to cancellation of orders placed. The supplier may be black listed.
13. The bills for the supply should be submitted in triplicate along with an Advanced stamped Receipt for payments.
14. The payment will be made within reasonable time only after the receipt and installation of materials in good working condition in every aspect.
15. Equipment catalog and operating manual should be supplied.
16. Payment terms: **No Advance payment will be made.**
17. **TDS (2%) on GST to be paid by the supplier if total amount exceed 2.5 Lakhs.**
18. **Bidding firm should upload OEM certificate**
19. As per Tamilnadu Transparency in Tender Act 1998 and Tamilnadu Transparency in Tender Rules 2000.
  - a) Government College of Engineering Srirangam, reserves the right to modify reduce and increase the quantity required.
  - b) With hold any amount for the deficiency in service aspect of the ordered items.
20. The Final decision would be based on the Technical Capacity and pricing of the bidder.
21. The Principal, Government College of Engineering Srirangam, reserves the right, not to accept lowest price or to reject any or all the tenders without assigning any reasons.
22. The Principal, Government College of Engineering Srirangam, reserves the right to call off tender process at any stage without assigning any reasons.
23. Bidders should quote for all the items mentioned in the Tender both in Technical and Financial Bid. If not quoted, the tender will be rejected totally without assigning reason thereof.
24. The bidders should furnish technical specifications for all the items of equipment mentioned in Annexure-I. If the bidder fails to furnish technical specification for any one or more items, or if their technical specification does not match with our require mention any one or more items, their Technical Bid will be rejected.

  
05/2/2020

(Tender Inviting Authority)

Principal

Government College Of Engineering, Srirangam,  
Trichy - 620012



**Annexure-I**

**LIST OF EQUIPMENTS REQUIRED FOR CIVIL ENGINEERING  
DEPARTMENT**

Tender ID: GCES-TRY/489/E1/2020/CIVIL/ Total Station

<b>S. No.</b>	<b>Name of the Equipments</b>	<b>Quantity Required</b>
1.	<p><b>TOTAL STATION</b> <b><u>Technical Specifications:</u></b></p> <p><b>Angle Measurement</b></p> <ul style="list-style-type: none"><li>• Accuracy (Standard deviation ISO-17123-3) 2" (0.6 mgon), 3" (1 mgon), 5" (1.5 mgon)</li><li>• Method Absolute, continuous, diametrical</li><li>• Display resolution 0.1" / 0.1 mgon / 0.01 mil</li><li>• Compensation Quadruple axis compensation (Setting On, Off)</li><li>• Compensator Setting accuracy 0.5", 1", 1.5"</li></ul> <p><b>Distance Measurement with Reflector</b></p> <ul style="list-style-type: none"><li>• Range Round prism GPR1 3'500 m</li><li>• Range Reflective tape (60 mm x 60 mm) 250 m</li> <li>• Accuracy / Measurement time (Standard deviation ISO-17123-4) Standard: 1.5 mm+2 ppm / typ. 2.4 s, Fast: 3mm+2 ppm / typ. 0.8 s, Tracking: 3 mm+2 ppm / typ.</li></ul> <p><b>Distance Measurement without Reflector</b></p> <ul style="list-style-type: none"><li>• Range (90% reflective)</li><li>• FlexPoint 30 m</li><li>• PinPoint – Power &gt; 400 m</li><li>• PinPoint – Ultra &gt; 1000 m</li><li>• Accuracy / Measurement time (Standard deviation ISO-17123-4) 2 mm+2 ppm2 / typ. 3 s</li><li>• Laser dot size At 30 m: approx. 7 mm x 10 mm, At 50 m: approx. 8 mm x 20 mm</li></ul>	<b>2 Nos</b>

**Data storage / Communication**

- Extended Internal memory Max.: 100'000 fixpoints, Max.: 60'000 measurements
- USB memory stick 1 Gigabyte, Transfer time 1'000 points/second
- Interfaces Serial (Baudrate 1'200 to 115'200) USB Type A and mini B, Bluetooth Wireless
- Data formats GSI / DXF / LandXML / CSV / user definable ASCII formats

**Electronic Guide Light**

- Working Range (average atmospheric conditions) 5 m – 150 m
- Positioning accuracy 5 cm at 100 m

**Telescope**

- Magnification 30 x
- Resolving power 3"
- Field of view 1° 30' (1.66 gon) / 2.7 m at 100 m
- Focusing range 1.7 m to infinity
- Reticle Illuminated, 5 brightness levels

**Keyboard and Display**

- Display Graphics, 160 x 280 pixels, illuminated, 5 brightness levels
- Keyboard Alpha-numerical keyboard Second keyboard

**Operating System**

- Windows CE 5.0 Core

**Laserplummet**

- Type Laser point, illuminated, 5 brightness levels
- Centering accuracy 1.5 mm at 1.5 m Instrument height

**Battery**

- Type Lithium-Ion
- Operating time approx. 20 hours

**Application programs**

Topography (Orientation & Surveying), Stake Out, Resection, Height Transfer, Construction, Area (Plan & Surface), DTM Volume calculation, Tie Distance (MLM), Remote Height, Hidden Point, Backsight Check, Offset, Reference Line, Reference Arc, Reference Plane, COGO, Road 2D, Roadworks 3D, Traverse Pro

*Alshant*  
05/2/2020  
PRINCIPAL

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