



**GOVERNMENT OF WEST BENGAL**

Irrigation & Waterways Directorate,  
Office of the Executive Engineer,  
Teesta Quality Control Division  
Tinbatti More, Siliguri-734005

**MEMO NO. -02**

**DATE-05/01/2021**

**N.I.Q. No- 02 of Executive Engineer, Teesta Quality Control  
Division of 2020-21 dt. 05/01/2021**

**Name of Work:**"Collection of rates for "Procurement of Computer Controlled Electromechanical Universal Testing Machine of Capacity 50 KN Suitable to conduct Tensile/Compression/Bend/ Flexure Test/Creep Test on Geo-synthetic (Geo textile, Geomembrane, Geogrid,Geonet etc.)/ other materials etc. conforming to testing procedure laid down in ASTM,BS,EN,ISO standards with two years onsite extended warranty excluding GST but including other charges complete at Quality Control Laboratory, Tinbatti, Siliguri under Irrigation & Waterways Department

**Last date and time limit for application:** 15.01.2021 upto 2:00P.M.

**Last Date and Time for Issue of Quotation Paper:** 19/01/2021 Upto 4.30 PM

**Last Date of receiving Quotation Paper:**20.01.2021 upto 3:00P.M .in the tender box kept in the chamber of Executive Engineer,Teesta Quality Control Division, Teesta Administrative Building Tinbatti More, Siliguri-734005 The quotation will be opened on the same day in presence of all participants or their representative after 4.00P.M.at the above mentioned office address.

**Description of Item**

3 Phase Computer Controlled Electromechanical Universal Testing Machine of Capacity 50 KN Suitable to conduct Tensile/Compression/Bend/ Flexure Test/Creep Test on Geo-synthetic (Geo textile, Geomembrane, Geogrid,Geonet etc.)/ other materials etc. conforming to testing procedure laid down in ASTM,BS,EN,ISO standards with two years onsite extended warranty with following accessories/attachments

**Accessories**

- a) Hydraulic-Pneumatic operated Grips with complete hydraulic & Pneumatic controls for Wide width Tensile Strength Test as per ASTM D4595 & ISO 10319 for Geo-textile
- b) Mechanical Grips for Wide width Tensile Strength Test as per ASTM D4595 & ISO 10319 for Geo-textile
- c) Grips suitable for Grab Test as per ASTM D4632

- d) Grips for Trapezoidal Tearing Strength Test as per ASTM D4533
- e) Puncture Test Attachment as per ASTM D4833
- f) CBR Puncture Test Attachment as per ISO 12236
- g) Creep Test Attachment with two LVDT's as per ASTM D5262-2002 with Digital read out unit
- h) Thickness Gauge (Geotextile)
- i) A standard computer of following specification would be provided with the machine. Computer should have 21 inch LED Monitor, Intel Core i7 Processor, 1 TB Hard Disk Drive(HDD), 256 GB SSD Drive, 8 GB RAM, 4 USB Ports, Wireless Key Boards, Wireless Mouse, Windows 10 Operating System with Integrated Graphics
- j) A Wi-Fi enabled Multifunctional Laser Jet Duplex Colour Printer enable to Print, Copy, Scan, Fax, ADF, Duplex
- k) 0.6 kVA UPS with minimum 30 minute battery back up
- l) One Compute Table

### **CONTITIONS**

1) Rate should be quoted for the work as mentioned above on as per Proforma attached herewith.

2) Intending quotationers shall have to quote their rate in words and figures distinctly in the enclosed Price Schedule considering of all incidental charges, taxes and duties, if any but excluding GST.

**Memo. No. – 02**

**Dated- 05/01/2021**

Copy forwarded to the

1. Chief Engineer/ Teesta Barrage Project, 2nd Mile, Sevoke Road, Siliguri for favour of kind information.
2. Superintending Engineer, Mahananda Barrage Circle, Tinbatti, Siliguri
3. Superintending Engineer, Teesta Barrage Circle, 2<sup>nd</sup> Mile, Siliguri
4. Superintending Engineer (Design, Monitoring & Quality Control) attached to the Chief Engineer, Teesta Barrage Project
5. The Executive Engineer, Teesta Design Division, Tinbatti, Jalpaiguri
6. The Executive Engineer, Mahananda Barrage Division, Tinbatti, Siliguri
7. The Executive Engineer, Teesta Barrage Division, Oodlabari, Jalpaiguri
8. The Executive Engineer, Teesta Canal Division . No. I, Islampur, Uttar Dinajpur
9. The Executive Engineer, Teesta Canal Division No.- II, Islampur, Uttar Dinajpur
10. The Executive Engineer, Teesta Irrigation Division, Jalpaiguri
11. Sub Divisional Officer, Teesta Quality Control Sub Division No. I, Tinbatti
12. Sub Divisional Officer, Teesta Quality Control Sub Division No. II, Oodlabari
13. Sub Divisional Officer, Teesta Quality Control Sub Division No. III, Islampur
14. Office Notice Board.

**Sd/-**  
**Executive Engineer**  
**Teesta Quality Control Division**  
**Tinbatti, Siliguri**

**SCHEDULE TO BE FILLED BY THE APPLICANT**

**Name of the applicant:**

**Address of the applicant:**

**Contact No:**

<b>Sl. No.</b>	<b>Description of Item</b>	<b>Qty.</b>	<b>Unit</b>	<b>Amount in Rs. ( Excluding GST) ( Figures/words)</b>
1	<p>Supply &amp; installation of 3 Phase Computer Controlled Electromechanical Universal Testing Machine of Capacity 50 KN Suitable to conduct Tensile/Compression/Bend/Flexure Test/Creep Test on Geo-synthetic (Geo textile, Geomembrane, Geogrid, Geonet etc.)/ other materials etc. conforming to testing procedure laid down in ASTM, BS, EN, ISO standards with two years onsite extended warranty at Quality Control Laboratory, Tinbatti, Siliguri, WB under Irrigation &amp; Waterways Department, as per direction of the Engineer –in-Charge.</p> <p>With following attachments</p> <p>a) Hydraulic-Pneumatic operated Grips with complete hydraulic &amp; Pneumatic controls for Wide width Tensile Strength Test as per ASTM D4595 &amp; ISO 10319 for Geo-textile</p> <p>b) Mechanical Grips for Wide width Tensile Strength Test as per ASTM D4595 &amp; ISO 10319 for Geo-textile</p> <p>c) Grips suitable for Grab Test as per ASTM D4632</p> <p>d) Grips for Trapezoidal Tearing Strength Test as per ASTM D4533</p> <p>e) Puncture Test Attachment as per ASTM D4833</p> <p>f) CBR Puncture Test Attachment as per ISO 12236</p> <p>g) Creep Test Attachment with two LVDT's as per ASTM D5262-2002 with Digital read out unit</p> <p>h) Thickness Gauge (Geotextile)</p> <p>i) A standard computer of following specification would be provided with the machine. Computer should have 21 inch LED Monitor, Intel Core i7 Processor, 1 TB Hard Disk Drive (HDD), 256 GB SSD drive, 8 GB RAM, 4 USB Ports, Wireless Key Boards, Wireless Mouse, Windows 10 Operating System with Integrated Graphics</p> <p>j) A Wi-Fi enabled Multifunctional Laser Jet Duplex Colour Printer enable to Print, Copy, Scan, Fax, ADF, Duplex</p> <p>k) 0.6 kVA UPS with minimum 30 minute battery back up</p> <p>l) one computer table</p>	1.00	Each	

**Signature of the Quotationer with seal**

**Executive Engineer  
Teesta Quality Control Division  
Tinbatti, Siliguri**