



राष्ट्रीय प्रौद्योगिकी संस्थान दुर्गापुर NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

MAHATMA GANDHI AVENUE, DURGAPUR-713209

West Bengal, INDIA, www.nitdgp.ac.in

(An Autonomous Institution of the Govt. of India under MoE)

[An Autonomous Institution of the Govt. of India under Ministry of Education \(Shiksha Mantralaya\)](#)

Notice No.: NITD/PAC/GeoGauge/2024-25/SRCC

Date: 28/12/2024

Sub: - Notice Inviting Objections/Comments on Procurement of GeoGauge for Department of Civil, NIT Durgapur.

1. A request has been received from Dr. Supriya Pal, Associate Professor, Civil Engineering Department, NIT Durgapur for procurement of GeoGauge Complies with ASTM D6758 Under Proprietary Article.
2. The specification of the Equipment, PAC Certificate from the department and certification from the supplier are attached herewith.
3. The above documents as mentioned in para 2 are being uploaded in the public domain to submit objections, comments, if any from the manufacturer/supplier regarding Proprietary nature of the equipment within seven days giving the reference no. NITD/PAC/GeoGauge/2024-25/SRCC, dated: 28/12/2024. The comments/objections should be received by the Joint Registrar Procurement, NIT Durgapur over email address: procurement@nitdgp.ac.in.
4. In case of No Objection Received within seven days, it will be presumed that any other vendor is having no comment or objection to offer and case will be decided on merit to finalize the purchase.

Sd/

Asit Kumar

Joint Registrar Procurement

NIT Durgapur

Encls: -

PAC Certificates by Indenter

PAC Certificate by Supplier

Technical Specification of the Software



Annexure-V

National Institute Of Technology Durgapur 713209
 (An Institute of National Importance under Ministry of Education, Govt of India)
PROPRIETARY ARTICLE CERTIFICATE
 Valid for the Current Financial Year

File Number and Date Reference			
1	Description of the article	Geogauge complies with ASTM D 6758	
2	Forecast of quantity/annual requirement	01	
3	Approximate estimated value for above quantity	INR 25,77,120/-	
4	Maker's name and address	Humboldt Mfg. Co., 875 Tolgate Road, USA	
5	Name(s) of authorized dealers/stockists	AvanTech Engineering Consortium Pvt. Ltd., 407, KLI Tower North, B-05, New BHEL 110029	
6	I approve the above purchase on PAC basis and certify that:-Note- Tick to retain only one out of (b), (c-1) or (c-2) whichever is applicable and cross out others. Please do confirm (a) by ticking it- without which PAC certificate will be invalid.		
6(a)	This is the only firm who is manufacturing/stocking this item. AND		<input checked="" type="checkbox"/>
6(b)	A similar article is not manufactured sold by any other firm, which could be used in lieu OR		<input type="checkbox"/>
6(c-1)	No other make/brand will be suitable for following tangible reasons (like OEM/warranty spares): OR		<input checked="" type="checkbox"/>
6(c)	No other make/brand will be suitable for following intangible reasons (if PAC was also given in the last procurement cycle, please also bring out efforts made since then to locate more sources): OR		<input type="checkbox"/>
7	Reference of concurrence of finance wing to the proposal:		
History of purchases of this item for past three years may be given below <i>not provided</i>			
Name of the supplier			
Order/Tender References & Date	Quantity Ordered	Basic Rate on Order (Rs.)	Adverse Performance Reported if Any

Recommended by : Name & Signature of Indenter-----

[Signature] Dr. SUPRIYA PAL 12/03/24

Dr. Supriya Pal
 Associate Professor
 Department of Civil Engineering
 National Institute of Technology Durgapur
 Durgapur - 713209, W.B., India

Approved as presented

Signature of Approving Authority (HOD/HOC)-----

[Signature] 3/12/24
 Stamp & Date

SF-06

PROPRIETARY NATURE CERTIFICATE

- 1) Certified that articles mentioned in quotation no. AEC/T/24-25/415/AKS/August 23, 2024
Dated **23-08-2024** are proprietary items of M/s **Humboldt, USA**.
- 2) M/s Avantech Engineering Consortium Pvt. Ltd. is the sole manufacturer / distributors /
established importers / dealer of these articles.
- 3) Certified that the rates quoted by M/s Avantech Engineering Consortium Pvt. Ltd
are the same and not higher these quoted with other Government, Public Sector or Private
Organization.

For **Avantech Engineering Consortium Pvt. Ltd.**

For Avantech Engineering Consortium Pvt. Ltd.



Ashish Kumar Singh
National Head Sales
(Authorized Signatory)

Date: 29-11-2024



Humboldt Mfg. Co. • 875 Tollgate Road • Elgin, IL 60123 USA

1 January 2024

To whom it may concern:

We, Humboldt Mfg. Co., who are official manufacturers of Testing Equipment for Construction Materials, do hereby authorize M/s. Avantech Engineering Consortium Pvt. Ltd. having their Office at 407, KLJ Tower North, B-05, Netaji Subhash Place, Ring Road, Delhi-110034, India to act as our distributor in India for the complete range of Humboldt Mfg. Co. and Humboldt Scientific products.

Avantech Engineering Consortium Pvt. Ltd. has the right to market, sell, provide service, and support for Humboldt Mfg. Co. and Humboldt Scientific products. This letter will expire in 12 months from the date of issue at which time it will be reviewed and renewed accordingly, unless otherwise notified by either party, and is governed by Humboldt's Standard Conditions of Sale.

Tripp Caldwell

International Sales Manager

Humboldt Mfg. Co. 

For Avantech Engineering Consortium Pvt. Ltd.

Signature



Humboldt Mfg. Co. • 875 Tollgate Road • Elgin, IL 60123 USA

August 23, 2024

**Proprietary Certificate
And
Manufacturer's Authorization**

Dear Sir

We, Humboldt Mfg Co, who are official manufacturers of Testing Equipment for Construction Materials, do hereby certify that we are the proprietary manufacturers of "GeoGauge" product code: H-4140.

The GeoGauge is a proprietary instrument from Humboldt that can measure the in-place Stiffness of unbound compacted material in accordance with ASTM D-6758. M/s. Avantech Engineering Consortium Pvt. Ltd., New Delhi, India is our exclusive authorized dealers in India for our entire range of products including GeoGauge.

Avantech Engineering Consortium Pvt. Ltd. has the right to market, sell and provide service and support for Humboldt Mfg Co. and Humboldt Scientific products and is governed by Humboldt's Standard Conditions of Sale.

Thanking you,
Yours truly

Zameer Syed
For and on behalf of Humboldt Mfg. Co.

For Avantech Engineering Consortium Pvt. Ltd.

Authorized Signatory

TECHNICAL SPECIFICATION

Sl. No.	Specification	
	Geo Gauge Complies with ASTM D6758 (Compaction Uniformity via in-place Stiffness Measurement)	
1	Dynamically measures in-place engineering properties using structural layer stiffness, MN/m and Young's Modulus of a material, MPa	
2	Should enable maximum lift stiffness with minimum compactive effort	
3	Requirements:	
4	Layer Stiffness	3 to 70 MN/m
5	Young's Modulus (in-place)	26 to 610 MPa
6	Measuring Depth	230 to 310 mm
7	Measuring Duration	75 seconds
8	Power six D-cell batteries	(1000 to 1500 measurements)
9	Dimensions gauge only	280 mm x 270 mm or higher
10	carrying case	470 x 420 x 330 mm or higher
11	Net Weight gauge only	Minimum 10 kg
12	ADDITIONAL REQUIREMENTS:	
13	<ul style="list-style-type: none"> • Verifier Mass, 10kg—Calibrated of gauge. • Infrared Data Cable—Infrared (IR) interface adapter cable with spreadsheet software template • Acrylic Dustproof Protection Boxes for this machinery. • Computer with minimum requirements are: PC i7 processor, 16GB RAM, 1TB SSD, 4GB graphics card, Windows 10 Professional, 24 inch LED/TFT monitor. • Branded Mono Laser Jet Printer with Scanner • The system should be supplied with (a) suitable workbench table (Granite/wooden top). The table must be strong enough to support the weight (~ 200 kg) of all modules with minimum table size 6(l)x 4 (w) ft x 3(h) ft. – 1 Nos • The system should be supplied with suitable computer table with Keyboard Tray & side drawer -1 Nos (1200x600x750 mm) 	