



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/EE/Coupled Tanks/2025-26/03

Date: 20/01/2026

Sub: - Notice Inviting Objections/Comments on procurement of Coupled Tanks Workstation (Q8-USB) for Department of Electrical Engineering, NIT Durgapur.

1. A request has been received from Dr. Manika Saha Roy, Assistant Professor, Electrical Engineering, NIT Durgapur on procurement of Coupled Tanks Workstation (Q8-USB) Under Proprietary Article.
2. The specifications of the equipment along with 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/EE/Coupled Tanks/2025-26/03, dated: 20/01/2026. 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.


Asit Kumar
Joint Registrar Procurement
NIT Durgapur

Encls: -

PAC Certificate by Indenter

PAC Certificate by Supplier

Specifications of the equipment



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	Coupled Tanks workstation (Q8-USB)	
2	Forecast of quantity/annual requirement	One	
3	Approximate estimated value for above quantity	Rs. 15,87,429 INR	
4	Maker's name and address	M/S Quanser Consulting Inc. Canada.	
5	Name(s) of authorized dealers/stockists	Edutech India Pvt. Ltd.	
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		✓
6(b)	A similar article is not manufactured sold by any other firm, which could be used in lieu OR		✓
6(c-1)	No other make/brand will be suitable for following tangible reasons (like OEM/warranty spares): OR		
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		
7	Reference of concurrence of finance wing to the proposal:	OH-35	
History of purchases of this item for past three years may be given below			
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-----

Manika Saha

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

Sanyal Sanyal

Stamp & Date

30.10.2015

Head of the Department of
Electrical Engineering
National Institute of Technology
Durgapur - 713209 (W.B.)

September 19th , 2025

PROPRIETARY ITEM CERTIFICATE

To

**Joint Registrar Procurement
NIT Durgapur
Mahatma Gandhi Avenue, Durgapur - 713209,
West Bengal, India.**

Quanser is the world leader in education and research-based systems for real-time control design and implementation, providing control challenges for all levels of university education and research.

We confirm that the following are unique proprietary Control & dynamic lab systems, incorporating combination of specialized hardware and control software. We are the sole Manufacturers of this system in the world. **M/s. Quanser Consulting Inc., 119 Spy Court, Markham, Ontario, CANADA L3R 5H6:**

1. Coupled Tanks Workstation (Q8-USB)

We also confirm that **M/s. Edutech India Pvt Ltd** 20, 1st Street, Haddows Road, Chennai - 600006, India, is authorized to sell all our products and is our sole authorised distributor in India.

Please contact the undersigned for any queries on this subject.

Sincerely,



Mahyar Fotoohi
Global Channel Partner Manager



PHYSICS	CHEMISTRY BIOLOGY	ENGINEERING
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LD DIDACTIC GmbH • P.O. Box 1365 • 50330 Huerth

20th September 2025

SOLE AUTHORIZATION CERTIFICATE

To
Joint Registrar Procurement
NIT Durgapur
Mahatma Gandhi Avenue, Durgapur - 713209,
West Bengal, India.

Dear Sir,

We **LD Didactic GmbH** who are official manufactures of, **Electrical Engineering and Science Educational Equipment** having factories at: **Leyboldstrasse 1, 50354 Huerth, Republic of Germany** and **H-2700 Cegled, Kulso Katai ut 96, Hungary**, we hereby authorize **M/s Edutech India Pvt Ltd., #20, Crystal Lawn, 1st Street Haddows Road, Chennai 600006, India** sell our products and is our **sole authorised representative in India** to submit bid and subsequently negotiate and sign the contract for the goods manufactured by us. And we also hereby confirm you apart from Edutech no other company is authorised to sell **LD DIDACTIC** product in India.

We hereby extend our full guarantee and warranty for the goods and services offered for supply by the above firm against this enquiry.

The undersigned is authorised to issue this Manufacturer's Authorisation certificate on behalf of **LD DIDACTIC GmbH**



Narendra Parmar
Sales Director
For and on behalf of LD Didactic GmbH



LD DIDACTIC GmbH
 Leyboldstr. 1 • 50354 Huerth
 Federal Republic of Germany
 Telefon: (0 22 33) 604 - 0
 Telefax: (0 22 33) 604 - 222
 eMail: info@ld-didactic.de

Company's Place: Huerth
 Managing Director:
 Marlin Petzl
 Place of jurisdiction: Cologne
 HRB-Nr.: 65887
 USt-IdNr.: DE 815042611
 Tax code.: 224/5726/0853

Accounts:
 Sparkasse Köln Bonn
 Commerzbank AG Köln

Account No.
 1902001740
 975051400

BCNo
 370 501 98
 370 800 40

IBAN
 DE75 3705 0198 1902 0017 40
 DE44 3708 0040 0975 0514 00

BIC
 COLS DE 33
 DRESDEFF370

2	Coupled Tanks Workstation (Q8-USB)	01	NO	<p>Sub-units:</p> <p>a) Coupled Tanks (1 unit) A re-configurable process control experiment ideal for teaching and research applications. Designed in association with Prof. Karl Åström and Prof. Karl Henrik Johansson. Includes ABET-aligned Instructor and Student Workbooks, User Manual, Quick Start Guide, and predesigned controllers.</p> <p>b) VoltPAQ-X1 Amplifier (1 unit)</p>	
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			<p>channel linear voltage-controlled amplifier.</p> <ul style="list-style-type: none"> - Quick Start Guide and User Manual included <p>c)VoltPAQ-X1 Amplifier (1 unit)</p> <p>channel linear voltage-controlled amplifier.</p> <ul style="list-style-type: none"> - Quick Start Guide and User Manual included <p>d)QUARC Essentials - Individual License(1 unit)</p> <p>QUARC™ Essentials Platform provides a flexible hardware interfacing and takes full advantage of Quanser's course resources to rapidly deploy an experiential teaching lab. In addition QUARC Essentials provides the easiest way to communicate in real-time between any distribution of applications, it fully supports Quanser Stream API for synchronous, asynchronous or persistent communication. QUARC™ is fully integrated with MATLAB Simulink® and requires MATLAB Coder and Simulink Coder for full operation. Please see the Compatibility Chart for the latest version of MATLAB Simulink® supported.</p> <p>Technical Specifications:</p> <p>Pump flow constant between 3-4 cm³/(V.s), Pump Max Continuous Voltage 12V, Pressure sensor sensitivity between 6-7 cm/V, Pressure sensor range between 0 to 7 kPa, Tank height approx. 25-30 cm, Tank inside diameter approx. 4-5 cm, Small outflow orifice diameter approx. 0.3 cm to .35 cm, Medium outflow orifice diameter approx. 0.4 cm to 0.5cm, Large outflow orifice diameter approx. 0.5 cm to 0.6 cm, Device mass 6.6 kg, Frame dimensions (H x W x L) 30.5 cm x 30.5 cm x 91.5 cm, Software Compatibility Matlab/Simulink, Analog I/O channels 8 channels, Analog output Resolution 16-bit, Encoder inputs channels 8 channels, PWM output Frequency range 23.7 Hz to 49.7 MHz, Amplifier continuous output, Voltage ± 21 V</p>
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Note:

- * The specification should be general and must not contain the brand name/make of the manufacturer, except in the case of Proprietary Purchase.
- * If required, a duly signed separate sheet may please be attached.