

No: IIITDMK/25-26/SP/PAC-Vibrational Analysis

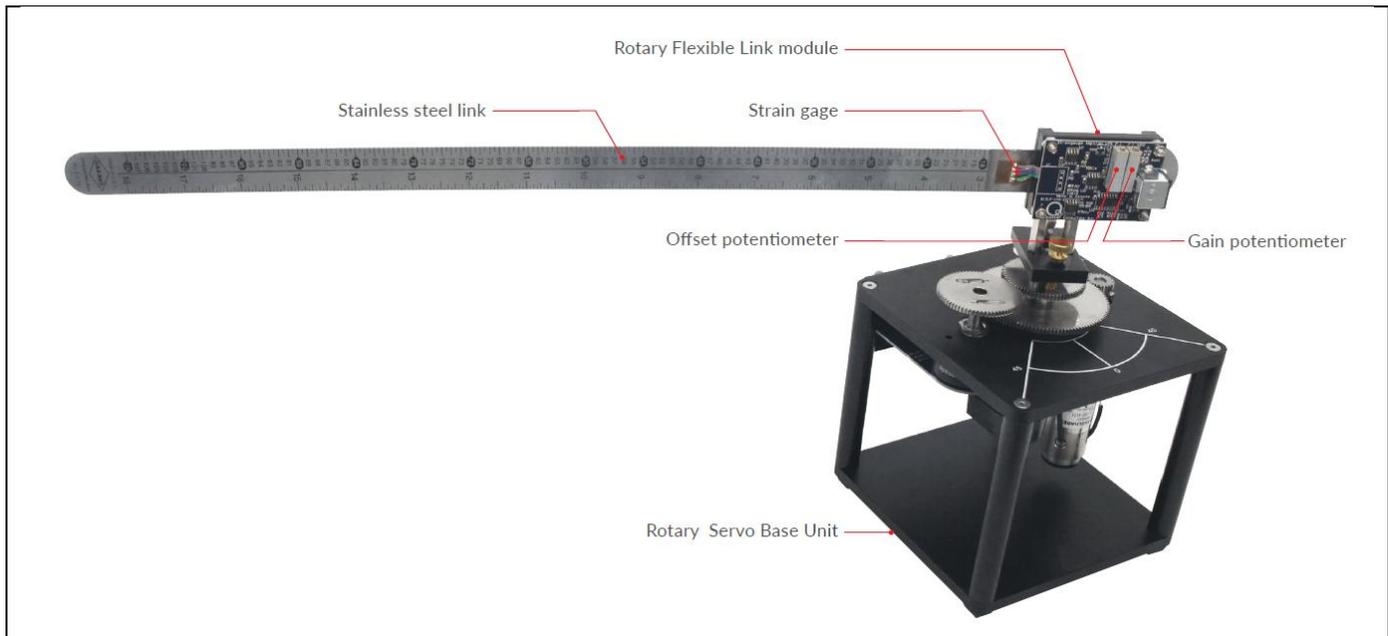
Dt. 18.02.2026

CALL FOR OBJECTION NOTICE

Subject: "Call for Objection" against Procurement under **Proprietary Article (PAC) Basis** in IIITDM Kancheepuram.

Item Name: Vibrational Analysis Equipment Kit (Quanser), Beam Rotary Flexible Link System

Component	Specifications
Product Name:	Rotary Flexible Link Experimental Module
Category:	Control Systems & Mechatronics Laboratory Equipment
Manufacturer:	Quanser Inc.
Product Description:	The Rotary Flexible Link is an experimental module designed for studying vibration analysis, resonance, and control of flexible structures. It is commonly used to model lightweight flexible links in robotics and aerospace applications.
System Configuration:	<ul style="list-style-type: none">• Rotary Flexible Link Module• Rotary Servo Base Unit• Quanser Q2-USB Data Acquisition Device• Quanser VoltPAQ-X1 Amplifier• QUARC for MATLAB/Simulink*• QUARC for LabVIEW*
Mechanical Specifications:	<ul style="list-style-type: none">• Material: Stainless Steel• Dimensions (L × H): 48 × 2 cm• Flexible Link Length: 41.9 cm• Weight: 0.065 kg• Moment of Inertia: 0.0038 kg·m²• Operating Plane: Horizontal
Sensor & Measurement Specifications:	<ul style="list-style-type: none">• Sensor: Strain Gage• Measurement: Link tip deflection• Calibration Gain: 1/16.5 rad/V• Measurement Range: ±5 V
Modelling Topics:	<ul style="list-style-type: none">• Lagrange Derivation• State-space Representation• Model Validation• Parameter Estimation
Control Topics:	<ul style="list-style-type: none">• State-feedback Control• Linear Quadratic Regulator (LQR)• Vibration Control
Applications:	<ul style="list-style-type: none">• Control Systems Laboratories• Robotics & Mechatronics Education• Aerospace & Flexible Structure Research
Build & Reliability:	<ul style="list-style-type: none">• Robust design for academic use• High precision and repeatability



* Note: The supplier shall provide either QUARC for MATLAB/Simulink or QUARC for LabVIEW as a package

It is intended to procure Instruments, Accessories & Consumables for **Vibrational Analysis Equipment Kit (Quanser)**, **Beam Rotary Flexible Link System** on a proprietary article basis as per the provision of GFR, 2017 Rule 166 (i), directly from **M/s. Quanser Consulting Inc, Canada**, against their proposal submitted, as the sole manufacturer/developer and **M/s. Edutech India Crystal Lawn, Chennai**, supplier of these Instruments, Accessories & Consumables for **Vibrational Analysis Equipment Kit (Quanser)**, **Beam Rotary Flexible Link System**, which satisfies all requirements of being a proprietary item.

The notice is hereby issued for the general information of Aspirant Manufacturers / Authorized Distributors/Suppliers, to submit their objection, if any, on the proprietorship of the above item in terms of Rule 166 (i) of GFR, 2017 as amended from time to time.

Relevant documents are published on the institute website for inviting objections/claims/comments, if any, from eligible manufacturer /supplier, before accepting the claim of the earlier said manufacturer and accordingly making procurement under proprietary article.

The Objections/claims/comments along with the complete details of challenging the proprietorship of the above items, if any, should be sent to the office of The Registrar, IIITDM Kancheepuram, Melakottaiyur, Chennai - 600127 in a sealed envelope with above mentioned subject & reference number, or by e-mail at registrar@iiitdm.ac.in on or before **25.02.2026 up to 11.00 AM**. failing which, it will be presumed that the above item are the proprietary item of the concerned firm as claimed by them in the Proprietary Article Certificate (PAC). Accordingly, the institute will initiate the process of procurement of the above item under Rule 166 (i) of GFR, 2017 as amended from time.

After the due date, it will be assumed that no manufacturer/supplier has any objection/claim against above mentioned equipment article & same will be considered as the proprietary article.

Sd/-
Registrar

Enclosure: -

➤ Sole Manufacturing certificate by **M/s. Quanser Consulting Inc, Canada**

December 29, 2025

PROPRIETARY ITEM CERTIFICATE

To
The Director
Indian Institute of Information Technology,
Design and Manufacturing (IIITDM), Kancheepuram
Melakkotaiyur, Off Vandalur-Kelambakkam Road,
Chennai - 600 127, Tamil Nadu, 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.

This is to certify that the below mentioned is a Proprietary product, manufactured by our company **M/s. Quanser Consulting Inc., 119 Spy Court, Markham, Ontario, CANADA L3R 5H6**

Sl. no.	Description of Goods	Qty
1	Rotary Flexible Link product	1

We confirm that the following are unique proprietary item 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:**

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 distributor in India.

Please contact the undersigned for any queries on this subject



Mahyar Fotoohi
Global Channel Partner Manager

