

**राष्ट्रीय प्रौद्योगिकी संस्थान, उत्तराखण्ड**  
**NATIONAL INSTITUTE OF TECHNOLOGY, UTTARAKHAND**

Ref.No.: NITUK/TEQIP-III/Procurement/2019/17/(XXV)/RQI/

Date:06.08.2019

**ORDER TO BE PLACED UNDER PROPRIETARY CERTIFICATE**

National Institute of Technology, Uttarakhand is going to place order for following software under proprietary article basis. Objection(s) if any, in this regard are called upon at **teqipthird@nituk.ac.in** from party/organization latest by **20<sup>th</sup> August, 2019** before 05:00 PM.

In case of no objection received from any firm/agency on or before the above mentioned date and time, then order will be placed as under:

S. No.	Item	Party (Proprietary)	Sole Authorized Distributor in India authorized to quote/sale/supply the item on behalf of OEM to the Institute doing the procurement or the jurisdiction of area covered	Qty.	Specifications
1.	Universal Dynamometer for Turning, Milling, Grinding and Drilling Application	M/s Kistler Instrument AG, 8408 Winterthur, Switzerland	M/s Kistler Instruments India Pvt. Ltd. 4B-15, 4th Floor Crown Plaza, Sector-15A, Faridabad, Haryana-121007 Email: sales.in@kistler.com Contact No.: 91-129-4113-555	01	enclosed

**Sd/-**  
Coordinator (TEQIP-III)

Encl:

1. Copy of Specification
2. Copy of OEM certificate(s)

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**Specifications**

<b>S. No.</b>	<b>Item Name</b>	<b>Specifications</b>
1.	Universal Dynamometer for Turning, Milling, Grinding and Drilling Application	<p>DYNAMOMETER: 9272</p> <ol style="list-style-type: none"><li>1. Piezo-electric Quartz Based 4-component Dynamometer</li><li>2. Range : Fx,Fy : -5... 5 KN, Fz : -5 ...20KN, Mz : 200 Nm</li><li>3. Sensitivity :Fx, Fy : 7.5 PC.N, Fz :-3.5 PC.N</li><li>4. Threshold : : 0.01 N, Cross Talk : Less than or equal to plus minus 2 percent</li><li>5. Clamping Area: 100x100 mm<sup>2</sup></li><li>6. Linearity : ( All Range) Less than or equal to plus minus 1 percent FSO,</li><li>7. Operating Temperature:0-70 degree C</li><li>8. MULTICHANNEL CHARGE AMPLIFIER: 5167A 41DK<ol style="list-style-type: none"><li>4- Channel Version for multi component Force – Torque measurement</li><li>4- Component analog summing calculator suitable for Data Acquisition software for acquiring and displaying Force and Torque</li><li>Minimum Measuring Range : plus minus 200 PC to 200000 PC</li><li>Frequency Range greater than 0-45 KHz</li></ol></li><li>9. CONNECTING CABLE: USB Cable between Charge Amplifier and Computer – 1 Meter Length</li><li>10. DATA ACQUISITION SYSTEM WITH SOFTWARE FOR DESKTOP/LAPTOP VERSION</li></ol>

C-70  
Annexure - IV



KII/Corp19/113  
Date: 08/05/2019

## Proprietary Item Certificate

This is to certify that article Multicomponent Piezoelectric universal Dynamometer 9272 and its accessories (Cable 1677A5,1678A5, amplifier 5167) are proprietary product, manufactured by our company M/s Kistler Instrument AG, located at Eulachtrasse 22, 8408 Winterthur Switzerland.

This Item is SOLELY manufactured by our company M/s Kistler Instrument AG and not by any other company/firm in the world.

The Undersigned is authorized to issue this 'Proprietary Item Certificate' on behalf of M/S Kistler Instruments India Pvt Ltd 100% Subsidiary of M/s Kistler Instrument AG in India  
The order/Billings have to be done through Kistler instruments India Pvt Ltd.

Yours Sincerely,

For Kistler Instruments India Pvt Ltd.

A.Kamalakaran  
Operations Manager

Kistler Instruments India Pvt.Ltd.  
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[www.kistler.com](http://www.kistler.com)

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