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Contract

## **Tip Enhanced Raman Spectrometer**

Cardiff University

F03: Contract award notice

Notice identifier: 2022/S 000-003675

Procurement identifier (OCID): ocds-h6vhtk-02edfe

Published 9 February 2022, 9:44am

### **Section I: Contracting authority**

#### **I.1) Name and addresses**

Cardiff University

Procurement Services, McKenzie House, 30-36 Newport Road

Cardiff

CF24 0DE

#### **Email**

[Paynterjk@cardiff.ac.uk](mailto:Paynterjk@cardiff.ac.uk)

#### **Telephone**

+44 2920879648

#### **Country**

United Kingdom

#### **NUTS code**

UKL - Wales

**Internet address(es)**

Main address

<http://www.cardiff.ac.uk/business/why-work-with-us/for-suppliers>

Buyer's address

[https://www.sell2wales.gov.wales/search/Search\\_AuthProfile.aspx?ID=AA0258](https://www.sell2wales.gov.wales/search/Search_AuthProfile.aspx?ID=AA0258)

**I.4) Type of the contracting authority**

Body governed by public law

**I.5) Main activity**

Education

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**Section II: Object**

**II.1) Scope of the procurement**

**II.1.1) Title**

Tip Enhanced Raman Spectrometer

Reference number

CU.721.JP

**II.1.2) Main CPV code**

- 38432000 - Analysis apparatus

**II.1.3) Type of contract**

Supplies

**II.1.4) Short description**

Tip Enhanced Raman spectrometer (TERS) which will provide nanometre resolved vibrational spectroscopy and chemical imaging with which to study a wide range of

biomaterials, biofluids and biological tissues.

Nanonics hold the patent that means they are the only manufacturer that can offer an instrument that can deliver the in situ TERS measurements of externally induced phenomenon we need. The patented system also delivers Q factors  $> 1000$  in liquids (about 100x better than anyone else achieves even with a non-TERS AFM ) and force measurements 1000 in liquids (about 100x better than anyone else achieves even with a non-TERS AFM ) and force measurements