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Award

Loughborough University - Spray Master PIV & Flame Master PLIF

Loughborough University

UK5: Transparency notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-084651

Procurement identifier (OCID): ocds-h6vhtk-05f9c1 ([view related notices](#))

Published 18 December 2025, 7:05pm

Scope

Reference

LU01016

Description

The equipment is a self-contained planer laser and optics for particle image velocimetry (PIV) in a reacting flow facility and a laser system with harmonic generation and a pumped tuneable dye laser, with intensified imaging capability for multiple combustion species (OH, CH, CH₂O, NO) and simultaneous kerosene planer fluorescence measurement. The equipment is compatible with existing imaging, laser, control/timing equipment already in use in the facility.

To view this notice, please click here:

<https://www.delta-esourcing.com/delta/viewNotice.html?noticeId=1002338857>

Contract 1. Spray Master PIV & Flame Master PLIF

Supplier

- LAVISIONUK Limited

Contract value

- £581,300 excluding VAT
- £697,560 including VAT

Above the relevant threshold

Earliest date the contract will be signed

5 January 2026

Contract dates (estimated)

- 6 January 2026 to 5 July 2026
- 6 months

Main procurement category

Goods

CPV classifications

- 38000000 - Laboratory, optical and precision equipments (excl. glasses)
-

Other information

Conflicts assessment prepared/revised

Yes

Procedure

Procedure type

Direct award

Direct award justification

Additional or repeat goods, services or works - extension or partial replacement

National Centre for Combustion and Aerothermal Technology (NCCAT) currently deploys a range of optical instrumentation on its other facilities. In upgrading the new facility, it is imperative that the instrumentation has cross compatibility with existing equipment in terms of both the hardware (imaging laser and timing units), software, data analysis, and the ability of staff to use a single system infrastructure across NCCAT. Laser optical measurement systems are specialist measurements which require significant expertise and experience to use safely and accurately.

Maintenance support is required to ensure compliance with laser risk assessment policy. This level of support is only possible if a laser optical system uses a consistent supplier across the laser, cameras, optics, and timing units.

A single system family across the facility is essential so processes can transfer between our experimental activities

Supplier

LAVISIONUK Limited

- Public Procurement Organisation Number: PGZP-4722-VYGG

2 Minton Place, Victoria Road, Bicester

Oxfordshire

OX26 6QB

United Kingdom

Contact name: John Boaler

Email: jboaler@lavision.com

Region: UKJ14 - Oxfordshire

Small or medium-sized enterprise (SME): Yes

Voluntary, community or social enterprise (VCSE): No

Contract 1. Spray Master PIV & Flame Master PLIF

Contracting authority

Loughborough University

- Public Procurement Organisation Number: PRGT-9932-PLJN

Finance Office, Rutland Building

Loughborough

LE11 3TU

United Kingdom

Contact name: Chris Stacey

Telephone: 01509226349

Email: c.n.stacey@lboro.ac.uk

Region: UKF22 - Leicestershire CC and Rutland

Organisation type: Public authority - sub-central government