

This is a published notice on the Find a Tender service: <https://www.find-tender.service.gov.uk/Notice/030571-2024>

Award

## **ORAN Security Test Tools 2**

National Physical Laboratory

F15: Voluntary ex ante transparency notice

Notice identifier: 2024/S 000-030571

Procurement identifier (OCID): ocds-h6vhtk-049d8c

Published 25 September 2024, 11:02am

### **Section I: Contracting authority/entity**

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

National Physical Laboratory

Hampton Road

Teddington

TW11 0LW

#### **Email**

[gary.phillips@npl.co.uk](mailto:gary.phillips@npl.co.uk)

#### **Telephone**

+44 2089773222

#### **Country**

United Kingdom

#### **Region code**

UK - United Kingdom

**Internet address(es)**

Main address

[www.npl.co.uk](http://www.npl.co.uk)

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

Body governed by public law

**I.5) Main activity**

Other activity

Research

---

**Section II: Object**

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

**II.1.1) Title**

ORAN Security Test Tools 2

**II.1.2) Main CPV code**

- 72000000 - IT services: consulting, software development, Internet and support

**II.1.3) Type of contract**

Services

**II.1.4) Short description**

Security focussed test tools to execute ORAN security test cases as per ORAN alliance specifications.

This procurement must integrate with existing lab infrastructure, deployment requirements and lab security posture.

The solution must include installation, support and training on the operation of the system.

The solution must provide comprehensive coverage of tests suites set out by the following:

Must integrate with existing test tool infrastructure.

- End-to-End 3GPP SA3 SCAS Tests
- End-to-End DoS and Fuzzing Security Tests
- Cloud Resource Exhaustion Type of Security Tests
- Fronthaul Security Tests
- Security Scanning Tests

#### **II.1.6) Information about lots**

This contract is divided into lots: No

#### **II.1.7) Total value of the procurement (excluding VAT)**

Value excluding VAT: £252,147.55

### **II.2) Description**

#### **II.2.3) Place of performance**

NUTS codes

- UK - United Kingdom

#### **II.2.4) Description of the procurement**

Security focussed test tools to execute ORAN security test cases as per ORAN alliance specifications.

This procurement must integrate with existing lab infrastructure, deployment requirements and lab security posture.

The solution must include installation, support and training on the operation of the system.

The solution must provide comprehensive coverage of tests suites set out by the following:

Must integrate with existing test tool infrastructure.

- End-to-End 3GPP SA3 SCAS Tests
- End-to-End DoS and Fuzzing Security Tests
- Cloud Resource Exhaustion Type of Security Tests
- Fronthaul Security Tests
- Security Scanning Tests

#### **II.2.11) Information about options**

Options: No

#### **II.2.13) Information about European Union Funds**

The procurement is related to a project and/or programme financed by European Union funds: No

---

## Section IV. Procedure

### IV.1) Description

#### IV.1.1) Type of procedure

Negotiated without a prior call for competition

- The works, supplies or services can be provided only by a particular economic operator for the following reason:
  - absence of competition for technical reasons

Explanation:

Mobile telecommunications, especially in emerging technologies such as Open-RAN (ORAN) is a very specialist area with a limited number of suppliers of test equipment. Viavi was selected by DSIT as a suitable supplier to address the radio test requirements of UKTL. Viavi has now been deployed and highly integrated into the UKTL network to address the immediate radio test requirements.

UKTL now need to evolve and expand the radio test requirements so to capture the new security test requirements coming from the ORAN standardisation bodies.

To avoid large expense of integrating new radio test vendors and also to capitalise on the existing investment (commercially as well as man hours spent integrating the Viavi solution) it is optimal to expand the existing solution for the specified test areas in the scope of works.

#### IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: Yes

---

## Section V. Award of contract/concession

### Title

ORAN Security Test Tools 2

A contract/lot is awarded: Yes

### V.2) Award of contract/concession

**V.2.1) Date of conclusion of the contract**

25 September 2024

**V.2.2) Information about tenders**

The contract has been awarded to a group of economic operators: No

**V.2.3) Name and address of the contractor/concessionaire**

Viavi Solutions UK Limited

Astor House, Newbury Business Park, London Road

Newbury

RG14 2PZ

Country

United Kingdom

NUTS code

- UK - United Kingdom

The contractor/concessionaire is an SME

No

**V.2.4) Information on value of contract/lot/concession (excluding VAT)**

Total value of the contract/lot/concession: £252,147.55

**V.2.5) Information about subcontracting**

The contract/lot/concession is likely to be subcontracted

---

## **Section VI. Complementary information**

### **VI.4) Procedures for review**

#### **VI.4.1) Review body**

NPL Management Limited

Teddington

Country

United Kingdom