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Contract

## **RBGKEW1309 Long-Read Ash Genome Sequencing 2024**

Royal Botanic Gardens, Kew

F03: Contract award notice

Notice identifier: 2024/S 000-026781

Procurement identifier (OCID): ocds-h6vhtk-045914

Published 22 August 2024, 10:05am

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

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

Royal Botanic Gardens, Kew

The Herbarium, Kew Green, Richmond,

London

TW9 3AE

#### **Contact**

Jamal Jimenez

#### **Email**

[procurement@kew.org](mailto:procurement@kew.org)

#### **Telephone**

+44 2083325000

#### **Country**

United Kingdom

**Region code**

UKI75 - Hounslow and Richmond upon Thames

**National registration number**

Royal Botanic Gardens, Kew

**Internet address(es)**

Main address

[www.kew.org](http://www.kew.org)

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

Ministry or any other national or federal authority

**I.5) Main activity**

Environment

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**Section II: Object**

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

**II.1.1) Title**

RBGKEW1309 Long-Read Ash Genome Sequencing 2024

Reference number

RBGKEW1309

**II.1.2) Main CPV code**

- 73110000 - Research services

**II.1.3) Type of contract**

Services

#### **II.1.4) Short description**

Royal Botanic Gardens, Kew wishes to appoint a supplier to individually sequence the whole genomes of up to 300 European ash trees (*Fraxinus excelsior*) at a minimum of 15x whole genome coverage via a long-read technology. *Fraxinus excelsior* is a diploid and has a 1C genome size of 880 Mbp.

In addition to the 300 individual ash trees, we wish to sequence a minimum of six technical replicates. Therefore, the total number of samples we wish to sequence is 306.

RBG Kew intends to supply total genomic DNA for each sample with the following metrics: minimum of 10ug DNA; minimum concentration of 30ng/ml (as measured with a Quantus flurometer dsDNA assay); at least 50% of the sample in fragments with a minimum length of 40kb; minimum OD260/280 of 1.8; minimum OD260/230 of 1.8; minimum DIN of 7.

#### **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: £150,000

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

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

NUTS codes

- UKI - London

Main site or place of performance

LONDON

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

Royal Botanic Gardens, Kew wishes to appoint a supplier to individually sequence the whole genomes of up to 300 European ash trees (*Fraxinus excelsior*) at a minimum of 15x whole genome coverage via a long-read technology. *Fraxinus excelsior* is a diploid and has a 1C genome size of 880 Mbp.

In addition to the 300 individual ash trees, we wish to sequence a minimum of six technical replicates. Therefore, the total number of samples we wish to sequence is 306.

RBG Kew intends to supply total genomic DNA for each sample with the following metrics: minimum of 10ug DNA; minimum concentration of 30ng/ml (as measured with a Quantus flurometer dsDNA assay); at least 50% of the sample in fragments with a minimum length of 40kb; minimum OD260/280 of 1.8; minimum OD260/230 of 1.8; minimum DIN of 7.

The maximum contract value is £167,000 GBP (excluding VAT). We wish to maximise the number of samples sequenced at a minimum of 15x whole genome coverage (minimum of 13.2 gigabases of data per sample). Optionally, if all 306 samples can be sequenced to at least 15x (minimum of 13.2 gigabases of data per sample) within the maximum contract value, we may wish to maximise the total amount of data in gigabases for each of the 306 samples.

#### **II.2.5) Award criteria**

Quality criterion - Name: Technical Criteria / Weighting: 155

Cost criterion - Name: Price per quality Point (PQP) / Weighting: 0

#### **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

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## **Section IV. Procedure**

### **IV.1) Description**

#### **IV.1.1) Type of procedure**

Open procedure

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

The procurement is covered by the Government Procurement Agreement: Yes

### **IV.2) Administrative information**

#### **IV.2.1) Previous publication concerning this procedure**

Notice number: [2024/S 000-015129](#)

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## **Section V. Award of contract**

A contract/lot is awarded: Yes

### **V.2) Award of contract**

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

26 July 2024

#### **V.2.2) Information about tenders**

Number of tenders received: 12

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

#### **V.2.3) Name and address of the contractor**

Novogene (UK) Company LTD

2nd Floor, Bio-Innovation Centre 25 Cambridge Science Park,, Milton Road, England.  
Cambridge

Cambridge

CB4 0FW

Country

United Kingdom

NUTS code

- UKI - London

National registration number

09353226

The contractor is an SME

No

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

Initial estimated total value of the contract/lot: £150,000

Total value of the contract/lot: £150,000

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## **Section VI. Complementary information**

### **VI.3) Additional information**

The contracting authority considers that this contract may be suitable for economic operators that are small or medium enterprises (SMEs). However, any selection of tenderers will be based solely on the criteria set out for the procurement.

To view this notice, please click here:

<https://www.delta-esourcing.com/delta/viewNotice.html?noticeId=884439565>

GO Reference: GO-2024822-PRO-27466577

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

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

Head of Procurement & Contract Management, Royal Botanic Gardens, Kew

Royal Botanic Gardens, Kew, The Herbarium, Kew Green

Richmond

TW9 3AE

Telephone

+44 2083325000

Country

United Kingdom