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Tender

## **Genetic basis of silver birch adaptation to local environments and disease**

Board of Trustees of the Royal Botanic Gardens Kew

F02: Contract notice

Notice identifier: 2022/S 000-027734

Procurement identifier (OCID): ocds-h6vhtk-037288

Published 3 October 2022, 4:16pm

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

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

Board of Trustees of the Royal Botanic Gardens Kew

Kew Green

RICHMOND

TW93AB

#### **Email**

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

#### **Country**

United Kingdom

#### **Region code**

UKI75 - Hounslow and Richmond upon Thames

#### **Justification for not providing organisation identifier**

Not on any register

**Internet address(es)**

Main address

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

**I.3) Communication**

The procurement documents are available for unrestricted and full direct access, free of charge, at

<https://defra.bravosolution.co.uk/web/login.html>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<https://defra.bravosolution.co.uk/web/login.html>

**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**

Genetic basis of silver birch adaptation to local environments and disease

Reference number

RBGKEW1103

**II.1.2) Main CPV code**

- 71900000 - Laboratory services

### **II.1.3) Type of contract**

Services

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

RBG Kew wishes to appoint a supplier to sequence whole genomic DNA from over 2000 silver birch (*Betula pendula*) trees to 20X genome coverage. *Betula pendula* has a genome size of 440 Mbp, so 20X coverage is ~9Gbp of sequence read data.

DNA extractions from either dried leaf material or cambium tissues will be performed at RGB Kew, and DNA from each sample will be provided in individually labelled 2ml Eppendorf tubes. We will also send 20 spare samples in case some DNA is degraded.

You are hereby invited by RBG Kew to submit a tender to meet the requirements in accordance with the specification and associated documents as contained within the tender pack.

Full information about the tender and the tender documents can be found as follows:

<https://defra.bravosolution.co.uk>

<https://defra.bravosolution.co.uk/go/8642667601839E373134>

ITT: itt\_10743 - RBGKEW1103 Genetic basis of silver birch adaptation to local environments and disease

project\_37453

### **II.1.5) Estimated total value**

Value excluding VAT: £129,000

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

This contract is divided into lots: No

## **II.2) Description**

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

NUTS codes

- UKI - London

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

RBG Kew wishes to appoint a supplier to sequence whole genomic DNA from over 2000 silver birch (*Betula pendula*) trees to 20X genome coverage. *Betula pendula* has a genome size of 440 Mbp, so 20X coverage is ~9Gbp of sequence read data.

DNA extractions from either dried leaf material or cambium tissues will be performed at RGB Kew, and DNA from each sample will be provided in individually labelled 2ml Eppendorf tubes. We will also send 20 spare samples in case some DNA is degraded.

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

Quality criterion - Name: Technical Evaluation / Weighting: 50

Cost criterion - Name: Commercial Evaluation / Weighting: 50

#### **II.2.7) Duration of the contract, framework agreement or dynamic purchasing system**

Start date

24 November 2022

End date

28 February 2023

This contract is subject to renewal

No

#### **II.2.10) Information about variants**

Variants will be accepted: No

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

Options: No

## **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: No

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

#### **IV.2.2) Time limit for receipt of tenders or requests to participate**

Date

28 October 2022

Local time

12:00pm

#### **IV.2.4) Languages in which tenders or requests to participate may be submitted**

English

#### **IV.2.7) Conditions for opening of tenders**

Date

28 October 2022

Local time

12:01pm

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## **Section VI. Complementary information**

### **VI.1) Information about recurrence**

This is a recurrent procurement: No

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

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

to be confirmed

London

Country

United Kingdom