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Tender

## **Organic Rankine Cycle (ORC) System**

KBS Maritime Ltd

F02: Contract notice

Notice identifier: 2025/S 000-000971

Procurement identifier (OCID): ocds-h6vhtk-04cf66

Published 13 January 2025, 9:16am

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

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

KBS Maritime Ltd

Victory Building, Room 233, The Parade, HM Naval Base

Portsmouth

PO1 3LS

#### **Contact**

Dan Jackson

#### **Email**

[dan.jackson@kbsmaritime.com](mailto:dan.jackson@kbsmaritime.com)

#### **Country**

United Kingdom

**Region code**

UKJ31 - Portsmouth

**National registration number**

13289372

**Internet address(es)**

Main address

<https://uk.eu-supply.com/ctm/Company/CompanyInformation/Index/153032>

Buyer's address

<https://uk.eu-supply.com/ctm/Company/CompanyInformation/Index/153032>

**I.3) Communication**

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

[https://uk.eu-supply.com/app/rfq/rwlenrance\\_s.asp?PID=89196&B=KBS](https://uk.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=89196&B=KBS)

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

[https://uk.eu-supply.com/app/rfq/rwlenrance\\_s.asp?PID=89196&B=KBS](https://uk.eu-supply.com/app/rfq/rwlenrance_s.asp?PID=89196&B=KBS)

Tenders or requests to participate must be submitted to the above-mentioned address

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

Body governed by public law

**I.5) Main activity**

Defence

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## **Section II: Object**

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

#### **II.1.1) Title**

Organic Rankine Cycle (ORC) System

Reference number

SYS0193-01

#### **II.1.2) Main CPV code**

- 45251000 - Construction works for power plants and heating plants

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

Works

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

1. General Description Organic Rankine Cycle (ORC) system designed to generate electricity from low-temperature waste heat sources. Its should be capable of operating continuously or intermittently with a CHP engine. 2. Technical Specifications • Net Power Output: 200 – 400 kW per unit • Thermal Power Absorbed: 1000 – 4500 kW • Hot Water Temperature: Minimum 80°C • Working Media: Environmentally friendly, non-toxic, non-flammable • Control System: PLC system / MODBUS TCP

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

This contract is divided into lots: No

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

#### **II.2.2) Additional CPV code(s)**

- 45232141 - Heating works
- 45251000 - Construction works for power plants and heating plants
- 45251200 - Heating plant construction work

- 65400000 - Other sources of energy supplies and distribution

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

NUTS codes

- UKJ31 - Portsmouth

Main site or place of performance

Portsmouth

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

1. General Description Organic Rankine Cycle (ORC) system designed to generate electricity from low-temperature waste heat sources. Its should be capable of operating continuously or intermittently with a CHP engine. 2. Technical Specifications • Net Power Output: 200 – 400 kW per unit • Thermal Power Absorbed: 1000 – 4500 kW • Hot Water Temperature: Minimum 80°C • Working Media: Environmentally friendly, non-toxic, non-flammable • Control System: PLC system / MODBUS TCP

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

Price is not the only award criterion and all criteria are stated only in the procurement documents

### **II.2.6) Estimated value**

Value excluding VAT: £3,500,000

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

Duration in months

24

This contract is subject to renewal

No

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

Variants will be accepted: Yes

### **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 III. Legal, economic, financial and technical information**

### **III.1) Conditions for participation**

#### **III.1.1) Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers**

List and brief description of conditions

As per the Procurement Documents.

#### **III.1.2) Economic and financial standing**

Selection criteria as stated in the procurement documents

#### **III.1.3) Technical and professional ability**

Selection criteria as stated in the procurement documents

### **III.2) Conditions related to the contract**

#### **III.2.2) Contract performance conditions**

As per the Procurement Documents.

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## **Section IV. Procedure**

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

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

Restricted 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

17 February 2025

Local time

3:00pm

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

English

#### **IV.2.6) Minimum time frame during which the tenderer must maintain the tender**

Duration in months: 6 (from the date stated for receipt of tender)

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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**

KBS Maritime

Victory Building, Portsmouth Naval Base

Portsmouth

PO1 3LS

Country

United Kingdom