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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

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

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

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

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

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.

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)

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