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Tender

## **Thrusters Overhaul – NLV Pharos**

Northern Lighthouse Board

F02: Contract notice

Notice identifier: 2021/S 000-022870

Procurement identifier (OCID): ocds-h6vhtk-02e0c4

Published 14 September 2021, 6:15pm

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

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

Northern Lighthouse Board

84 George Street

Edinburgh

EH2 3DA

#### **Contact**

Angela Cahill

#### **Email**

[angela.cahill@nlb.org.uk](mailto:angela.cahill@nlb.org.uk)

#### **Telephone**

+44 1314733131

**Country**

United Kingdom

**NUTS code**

UKM - Scotland

**Internet address(es)**

Main address

<https://www.nlb.org.uk>

Buyer's address

<https://www.nlb.org.uk>

**I.2) Information about joint procurement**

The contract is awarded by a central purchasing body

**I.3) Communication**

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

<https://www.delta-esourcing.com/tenders/UK-UK-Edinburgh:-Marine-equipment./59FHU28RYS>

Additional information can be obtained from the above-mentioned address

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**

Other activity

Aid to Navigation for Scotland and the Isle of Man

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## **Section II: Object**

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

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

Thrusters Overhaul – NLV Pharos

Reference number

TPHA/THRU/2133

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

- 34930000 - Marine equipment

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

Supplies

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

Requirement for Supplier to overhaul the following:

-both the Port and Stbd Azimuth Thrusters

-both the Fwd and Aft Tunnel Thrusters

plus the four Planetary Gears are to be part exchanged or offer an alternative cost-effective solution

The vessel should enter the dry dock as early as possible on Monday 31/01/2022. It should be planned for the Azimuth thruster service engineers to arrive this day to commence work on the thrusters on Tuesday 01/02/2022.

The vessel should aim to leave dry dock on Monday 21/02/2022. The vessel will remain in a layby berth where any final work can be completed prior to sea trials scheduled for on Friday 25/02/2022.

As part of the tender exercise the Supplier should submit a basic schedule detailing a proposal of how the required work on all four thrusters will be planned to fit within the given timeframe.

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

Value excluding VAT: £310,000

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

This contract is divided into lots: No

## **II.2) Description**

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

- 34930000 - Marine equipment

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

NUTS codes

- UKM - Scotland

Main site or place of performance

SCOTLAND

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

Services will cover the following:

The below scope is applicable to both the Port and Stbd Azimuth Thrusters:

-Strip down and inspection of thruster according to manufacturer's recommendations.

-All bearings and seals to be replaced.

-Full-service report to be provided, including measurements & photographs.

-Assembly using manufacturers torques, pressures and settings.

-Allow Class Surveyor (Lloyds Register) access to survey each thruster.

-The Supplier will remove four steering electric motors and gearboxes as soon as possible; to allow adequate time for the overhaul of the electric motors.

-Supplier to provide a service engineer to upgrade the Steering System Converters, and to upgrade the Aquapilot control system. Work to include a full testing/commissioning program. OWNER will supply all parts for the converter and controller upgrades, these were purchased from the OEM in November'2020

-Supplier to provide a service engineer to remove the Vulcan coupling, both thruster and electric drive motor ends to enable bearing replacement. OWNER will supply new inserts and bolts for the SUPPLIER to reassemble on completion of thruster and motor overhauls.  
Reference drawing of Vulcan coupling

The below scope is applicable to both the Fwd and Aft Tunnel Thrusters:

-Strip down and inspection of thruster according to manufacturer's recommendations.

-All bearings and seals to be replaced.

-Full-service report to be provided, including measurements & photographs.

-Assembly using manufacturers torques, pressures and settings.

-Allow Class Surveyor (Lloyds Register) access to survey each thruster.

-Installation of new design Input shaft seal housing. Supervise the YARD installation of the new seal tank and connecting pipework.

-Remove coupling, both on the thruster and drive motor side and replace the four O-Rings per coupling. OWNER to be invited to witness the removal of the couplings.

Note the YARD will be exchanging the Tunnel Thruster Drive Motor's during this period. The Electric Motor will remain in place so there will be conflicting works. Please allow for this during the costing. The removal of the coupling will allow bearing exchange of the motor Drive End.

-Supplier to clarify if tunnel hub has to be lowered for this work.

The four Planetary Gears are to be part exchanged, the Supplier to send overhauled units to the YARD prior to the start of the drydock. The OWNER will return the removed units to the Supplier within an agreed timeframe. The supplied gearboxes shall have 1 year warranty. The overhauled gearboxes should have had as a minimum: all bearings exchanged, all new seals, all gear teeth wear and tear to be adequate for another 60,000 running hours or 15 years whichever is the greater.

If part exchange units are not available, then the Supplier to offer an alternative cost-effective solution.

The vessel should enter the dry dock as early as possible on Monday 31/01/2022. It should be planned for the Azimuth thruster service engineers to arrive this day to commence work on the thrusters on Tuesday 01/02/2022

The vessel should aim to leave dry dock on Monday 21/02/2022. The vessel will remain in a layby berth where any final work can be completed prior to sea trials scheduled for on Friday 25/02/2022

As part of the tender exercise the SUPPLIER should submit a basic schedule detailing a proposal of how the required work on all four thrusters will be planned to fit within the given timeframe.

Currently the location of the drydock is unknown. The vessel will arrive at the designated dry dock over the weekend prior to the scheduled docking.

### **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: £320,000

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

Duration in months

6

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

### **II.2.14) Additional information**

To respond to this opportunity please click here: <https://www.delta-esourcing.com/respond/59FHU28RYS>

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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: No

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

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

Date

14 October 2021

Local time

2:00pm

#### **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: 4 (from the date stated for receipt of tender)

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

Date

14 October 2021

Local time

3:00pm



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## **Section VI. Complementary information**

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

This is a recurrent procurement: No

### **VI.2) Information about electronic workflows**

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

### **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.

For more information about this opportunity, please visit the Delta eSourcing portal at:

<https://www.delta-esourcing.com/tenders/UK-UK-Edinburgh:-Marine-equipment./59FHU28RYS>

To respond to this opportunity, please click here:

<https://www.delta-esourcing.com/respond/59FHU28RYS>

GO Reference: GO-2021914-PRO-18905689

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

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

Edinburgh Sherriff Court

27 Chambers

Edinburgh

EH1 1LB

Country

United Kingdom