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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

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

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>

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

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>

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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

