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Planning

De-carbonisation of a Marine Vessel 2. Falmouth Marine School, Killigrew Street, Falmouth. TR11 3QS

The Cornwall College Group

F01: Prior information notice

Prior information only

Notice identifier: 2022/S 000-031545

Procurement identifier (OCID): ocids-h6vhtk-038002

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Section I: Contracting authority

I.1) Name and addresses

The Cornwall College Group

Camborne

TR15 3RD

Contact

Chris

Email

chris.davey@cornwall.ac.uk

Country

United Kingdom

NUTS code

UKK3 - Cornwall and Isles of Scilly

Internet address(es)

Main address

www.cornwall.ac.uk

I.3) Communication

Additional information can be obtained from the above-mentioned address

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Education

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

De-carbonisation of a Marine Vessel 2. Falmouth Marine School, Killigrew Street, Falmouth. TR11 3QS

II.1.2) Main CPV code

- 34500000 - Ships and boats

II.1.3) Type of contract

Supplies

II.1.4) Short description

Falmouth Marine School have successfully bid for strategic development funds to undertaken a "De-carbonising a marine vessel" project. The project will result in college learners and industry partners being able to access a commercially available vessel with a number of differing power installation options (diesel, electric, hybrid). The intended use of

the vessel will allow users the experience of operation of such a vessel, to measure performance; and to undertake analysis of the commercial, financial and environmental benefit of each installation option.

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 34500000 - Ships and boats

II.2.3) Place of performance

NUTS codes

- UKK3 - Cornwall and Isles of Scilly

II.2.4) Description of the procurement

Project Intent:Falmouth Marine School have successfully bid for strategic development funds to undertaken a "De-carbonising a marine vessel" project. The project will result in college learners and industry partners being able to access a commercially available vessel with a number of differing power installation options (diesel, electric, hybrid). The intended use of the vessel will allow users the experience of operation of such a vessel, to measure performance; and to undertake analysis of the commercial, financial and environmental benefit of each installation option.Requirements:To supply a power-driven vessel of approximately 6 metres overall length with braked trailer and assist Falmouth Marine School staff undertake the build through to completion of this project with the result that the School will own a marine vessel that is compliant with relevant legislation (RCD etc) with optional drive systems. This vessel to have the potential for use as a harbour launch/ work boat or a recreational vessel. The range of use for the vessel to be within the confines of a local estuary and coastal waters (Falmouth Harbour and the Carrick Roads; Helford River and Gillan Creek; River Fowey and estuary; Plymouth Harbour and local rivers; Camel River and estuary; Hayle River and Harbour approaches; Penzance, Newlyn, Mousehole and St. Michaels Mount).• The target vessel is of to be of approximately 6mtr OAL, similar to that as supplied by Cockwells of Mylor Creek Boatyard (Cockwells | Duchy Motor Launches | The Duchy 21 | Gentleman's Yachts). • Digital Dry Dock have been appointed to oversee the design and fit out of the project. Contact details: ollie.graffy@digitaldrydock.co.uk• Project target date for completion is 01-03-2023. Contact details: martin.peart@falmouthmarineschool.ac.ukThe vessel is to be complete and in full compliance with RCD requirements, afloat or in a state that is complete and ready to be put afloat by the week commencing 06-03-2023.Equipment

list: To supply and assist with the installation of the following equipment, all to be compliant with relevant legislation (RCD etc.) Diesel installation 2 Cylinder marine diesel engine and drive system, Stern gear and propeller to include engine control system, engine panel, hoses, cabling and ancillary (fuel, cooling, exhaust, fire extinguisher) equipment as required. Electric installation E-line motor (48 volt) and drive system, Stern gear and propeller to include electronic display/ drive module, cabling and ancillary (cooling, fire extinguisher) equipment as required. 440Ah AGM batteries (48 volt bank), with isolation switches. Shore supply charger installation (Victron or similar specification) Cabling and shore power lead as required Hybrid installation (in addition to the above electric installation) 6.5 kVA generator set (Fischer Panda) to provide 48V charging capability with all cables as required to provide electrical power to the installed 440Ah battery pack. Solar panels and mounting Deck/ hull installation Additional works as required to include full fit out of equipment to include the addition of all deck and hull equipment such the vessel can be moored alongside or kept on a tidal mooring with a basic navigation package (GPS, depth) such that the vessel is complete and ready for use. Trailer It is envisaged that the vessel may be dry stored and launched when required to be put in to use, as such the tender should include the supply of a braked trailer (UK road legal) of sufficient size for the displaced weight of the vessel.

II.2.14) Additional information

The College's electronic tendering system (herein after referred to as In-Tend) will be used for this Tender <https://in-tendhost.co.uk/cornwall.Registering> your company on In-Tend Supplier Side <https://in-tendhost.co.uk/cornwall/asp/Home> Overview of Portal • Intro to Project Summary Page/ Correspondence box Useful Contact Information: In-Tend Helpdesk 0845 5578079 email: support@in-tend.co.uk

II.3) Estimated date of publication of contract notice

8 November 2022

Section IV. Procedure

IV.1) Description

IV.1.8) Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: No

Section VI. Complementary information

VI.3) Additional information

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