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Planning

Framework: Drone Surveys for Inspection -Bridges & Structures.

Fife Council

F01: Prior information notice

Prior information only

Notice identifier: 2024/S 000-018872

Procurement identifier (OCID): ocds-h6vhtk-04710b

Published 19 June 2024, 11:45am

Section I: Contracting authority

I.1) Name and addresses

Fife Council

Fife House, North Street

Glenrothes

KY7 5LT

Contact

Yahia Reggab

Email

yahia.reggab@fife.gov.uk

Telephone

+44 3451550000

Country

United Kingdom

NUTS code

UKM72 - Clackmannanshire and Fife

Internet address(es)

Main address

<http://www.fife.gov.uk>

Buyer's address

https://www.publiccontractsscotland.gov.uk/search/Search_AuthProfile.aspx?ID=AA00187

I.3) Communication

Additional information can be obtained from the above-mentioned address

I.4) Type of the contracting authority

Regional or local authority

I.5) Main activity

General public services

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Framework: Drone Surveys for Inspection -Bridges & Structures.

Reference number

CW0255

II.1.2) Main CPV code

- 79961200 - Aerial photography services

II.1.3) Type of contract

Services

II.1.4) Short description

Fife Council aims to establish a framework consisting of three lots for a period of 36 months, with an option to extend for an additional 12 months. Accordingly, Fife Council is seeking suppliers capable of providing drone surveys in the following areas:

-Confined Spaces Surveys

-Bridge Surveys

-Coastal/Harbour Surveys

II.1.5) Estimated total value

Value excluding VAT: £520,000

II.1.6) Information about lots

This contract is divided into lots: Yes

II.2) Description

II.2.1) Title

Harbour and Coastal Drone/ RoV Surveys

Lot No

3

II.2.2) Additional CPV code(s)

- 79961200 - Aerial photography services

II.2.3) Place of performance

NUTS codes

- UKM72 - Clackmannanshire and Fife

Main site or place of performance

Fife

II.2.4) Description of the procurement

Currently Fife Council's harbour walls are inspected by a team of two from a hired boat. By using drone surveys, we can get a much closer look at the walls, and they would allow review of the inspection videos in-house for immediate assessment of suspect issues. Therefore, the Council is looking for a supplier(s) able to carry out photogrammetric and LiDar surveys of the Council's harbour walls above and below the waterline and similar surveys of inaccessible coast lines above the highwater mark on an as-and-when basis. We require indicative costs for the following items.

-Mobilisation to site

-Delivery of a 4K Video file – Required.

-Delivery of a Photogrammetric model of each structure surveyed. Please detail accuracy of measurement possible. – Required.

-Delivery of a brief descriptive report of the activity and inspection in electronic or pdf format – Required.

-Live stream of the inspection video feed to MS Teams or similar. – Desired.

-Any other items such as site establishment, H&S requirements, accommodation costs etc,

Budget

It is estimated that a budget of GBP30,000 per year would be made available for these types of survey

II.2) Description

II.2.1) Title

Bridge Drone Surveys

Lot No

2

II.2.2) Additional CPV code(s)

- 79961200 - Aerial photography services

II.2.3) Place of performance

NUTS codes

- UKM72 - Clackmannanshire and Fife

Main site or place of performance

Fife

II.2.4) Description of the procurement

Currently Fife Council's bridge General and Principal inspections are all conducted in person, necessitating lone working and in many cases the use of specialist access equipment.

Inspections are conducted in accordance with codes of practice at the following intervals.

General Inspections – every 2 years

Principal Inspections – every 6 years

Therefore, the Council is looking for a supplier(s) able to carryout photogrammetric and LiDAR surveys of the Council bridge inventory on an as-and-when basis. We require indicative costs for the following items.

-Mobilisation to site

-Delivery of a 4K Video file – Required.

-Delivery of a Photogrammetric model of each structure surveyed. Please detail accuracy of measurement possible. – Required.

-Delivery of the Lidar survey Cloud points in rcp or rcs format. – Required.

-Delivery of a brief descriptive report of the activity and inspection in electronic or pdf format – Required.

-Provide Revit model of structure surveyed – Table of costs of levels of detail (LoD) from 1-5. - Required

-Live stream of the inspection video feed to MS Teams or similar. – Desired.

-Any other items such as site establishment, H&S requirements, accommodation costs etc.

Indicative budget per year for project related detailed modelling using drone acquired data.

GBP50,000

II.2) Description

II.2.1) Title

Confined Space Drone Surveys

Lot No

1

II.2.2) Additional CPV code(s)

- 79961200 - Aerial photography services

II.2.3) Place of performance

NUTS codes

- UKM72 - Clackmannanshire and Fife

Main site or place of performance

Fife

II.2.4) Description of the procurement

Fife Council is required by Codes of Practice to inspect all structures every 2 to 3 years. Our policy is to inspect Confined Spaces every 3 years due to the hazardous nature of confined space entry. Therefore, the Council is looking for supplier(s) able to provide the following:

Carry out photogrammetric and LiDar surveys of the Council's Bridges & Structures Service 41 Confined Spaces. Initially we require at least 14 of these inspected in the first year. We require indicative costs for the following items.

-Mobilisation to site

-Delivery of a 4K Video file – Required.

-Delivery of a Photogrammetric model of each structure surveyed. Please detail accuracy of measurement possible. – Required

-Delivery of the Lidar survey Cloud points in rcp or rcs format. – Required.

-Delivery of a brief descriptive report of the activity and inspection in electronic or pdf format – Required.

-Provide Revit model of structure surveyed – Provide an indicative table of costs of level of detail (LoD) 1-5 (This will not be required for all structures).

-Live stream of the inspection video feed to MS Teams or similar. – Desired.

-Any other items such as site establishment, H&S requirements, accommodation costs etc.

It is estimated that a budget of GBP 50,000 per year would be made available for the above surveys.

This would not include the costs of revit modelling as it is appreciated this will not always be required and is more costly.

II.3) Estimated date of publication of contract notice

9 September 2024

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: Yes

Section VI. Complementary information

VI.3) Additional information

NOTE: To register your interest in this notice and obtain any additional information please visit the Public Contracts Scotland Web Site at

https://www.publiccontractsscotland.gov.uk/Search/Search_Switch.aspx?ID=769883.

(SC Ref:769883)