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Contract

Directional drilling services and rental items for geothermal drilling

Eden Geothermal Ltd

F03: Contract award notice

Notice identifier: 2021/S 000-008732

Procurement identifier (OCID): ocds-h6vhtk-02a98d

Published 23 April 2021, 1:05pm

Section I: Contracting authority

I.1) Name and addresses

Eden Geothermal Ltd

Foundation Building, Eden Project, Bodelva

St Austell

PL24 2SG

Email

tenders@edengeothermal.com

Country

United Kingdom

NUTS code

UK - United Kingdom

Internet address(es)

Main address

www.edengeothermal.com

Buyer's address

https://www.mytenders.co.uk/search/Search_AuthProfile.aspx?ID=AA42854

I.2) Information about joint procurement

The contract is awarded by a central purchasing body

I.4) Type of the contracting authority

Other type

Private company limited by guarantee

I.5) Main activity

Other activity

Geothermal development

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Directional drilling services and rental items for geothermal drilling

Reference number

EGL-ITT-C047

II.1.2) Main CPV code

- 76431000 - Well-drilling services

II.1.3) Type of contract

Services

II.1.4) Short description

Directional drilling services, and rental of associated items, for drilling a deep geothermal well at the Eden Project, Cornwall, UK. Drilling will be almost solely in granite; tenderers should be able to demonstrate their ability to directionally drill in granite or similar crystalline rock, with an emphasis on drilling in hot wells.

II.1.6) Information about lots

This contract is divided into lots: No

II.1.7) Total value of the procurement (excluding VAT)

Lowest offer: £486,859 / Highest offer: £1,146,557 taken into consideration

II.2) Description

II.2.2) Additional CPV code(s)

- 76431000 - Well-drilling services
- 76440000 - Well-logging services
- 76431100 - Well-drilling control services

II.2.3) Place of performance

NUTS codes

- UKK3 - Cornwall and Isles of Scilly

Main site or place of performance

Eden Geothermal, Eden Project, Bodelva, Par, Cornwall, PL24 2SG, UK.

II.2.4) Description of the procurement

Directional drilling services and associated rental items for drilling a deep geothermal well in granite. Drilling will be in 4 sections:

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SECTION 1: 26" HOLE TO +/- 300 m MD (VERTICAL)

The 26" hole section will comprise 5 1/2" 24.7 lbs./ft. premium class drill pipe in S135. The BHA for this section of the hole will consist of:

- a downhole drilling motor (based on experience from a previous well in this formation; MWD for verticality), MWD telemetry and non-magnetic drill collar,
- a 9 1/2" float sub with float,
- 24" (23 3/4") stabilizer,
- 9 1/2" shock tool,
- 9 1/2" drill collars,
- 8" drill collars,
- 5 1/2" HWDP,
- cross-overs and subs as required.

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SECTION 2: 17 1/2" HOLE TO 1,500 m MD (VERTICAL)

The 17 1/2" hole section will require 5 1/2" 24.7 lbs./ft. premium class drill pipe in S135. The BHA for this section of hole will consist of:

- a downhole drilling motor, MWD (directional assembly) and non-magnetic drill collar
- a (8") 8 1/4" float sub with float,
- (8") 8 1/4" shock tool,
- (8") 8 1/4" drill collars,
- (8") 8 1/4" drilling jar,
- 6 1/2" drill collars,
- 1/2" HWDP,

- 16 3/4" stabilizer or stab ring,
- cross-overs and subs as required.

According to availability and spares, the 9 1/2" drill collars and the shock tool may be used too in this section as long as suitable stabilizers can be located in the correct size.

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SECTION 3:12 1/4" HOLE TO 4,000 m MD (DIRECTIONAL, ABOUT 3,870 mTVD)

The 12 1/4" hole section will require 5 1/2" 24.7 lbs./ft. premium class drill pipe in S135. The BHA for this section of the hole will consist of:

- a downhole drilling motor, MWD (directional assembly) and non-magnetic drill collar,
- a (8") 8 1/4" float sub with float,
- (8") 8 1/4" drill collars,
- (8") 8 1/4" drilling jar,
- 5 1/2" HWDP,
- at a minimum one 12" stabiliser or stab-ring,
- cross-overs and subs as required.

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SECTION 4:8 1/2" HOLE TO MAX. 5,260 m MD (about 4,880 m TVD)

The 8 1/2" hole section will require a combination of 5" 19.5 lbs./ft. and 5 1/2" 24.7 lbs./ft. drill pipe in S135. Inside the 8 1/2" hole we recommend to use only 5" DP in order to allow for sufficient clearance around the tool joints. The up drag in the well will most likely be in the order of 30 to 50 tons by 5,000 m. The BHA for this section of the hole will consist of:

- a downhole drilling motor, MWD (directional assembly) and non-magnetic drill collar,
- a 6 3/4" (6 5/8") float sub with float,
- 6 1/2" drill collars,
- 6 1/2" drilling jar,

- 8" stabilisers,
- 5" HWDP,
- cross-overs and subs as required.

If drag and torque become a problem in the lower intervals, the 6 1/2" drill collars will be reduced accordingly and the drilling weight will be compensated with additional 5" HWDP.

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The tenderer is expected to supply all equipment, material and personnel as laid out in full in the ITT documents available from EGL.

II.2.5) Award criteria

Quality criterion - Name: Personnel / Weighting: 25

Quality criterion - Name: Methodology and Approach / Weighting: 25

Price - Weighting: 50

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: Yes

Identification of the project

Eden Geothermal Project - ERDF funded

II.2.14) Additional information

This contract is part of a project co-funded by the European Union through the ERDF

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.2.1) Previous publication concerning this procedure

Notice number: [2020/S 194-470544](#)

Section V. Award of contract

Contract No

EGL-ITT-C047

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

26 March 2021

V.2.2) Information about tenders

Number of tenders received: 9

Number of tenders received from SMEs: 4

Number of tenders received from tenderers from other EU Member States: 3

Number of tenders received from tenderers from non-EU Member States: 6

Number of tenders received by electronic means: 0

The contract has been awarded to a group of economic operators: No

V.2.3) Name and address of the contractor

Weatherford UK Limited

Gotham Road, East Leake

Loughborough

Country

United Kingdom

NUTS code

- UKF2 - Leicestershire, Rutland and Northamptonshire

The contractor is an SME

No

V.2.4) Information on value of contract/lot (excluding VAT)

Lowest offer: £486,859 / Highest offer: £1,146,557 taken into consideration

Section VI. Complementary information

VI.3) Additional information

This contract is part of a project co-funded by the European Union through the ERDF.

(MT Ref:222557)

VI.4) Procedures for review

VI.4.1) Review body

Public Procurement Review Service

Cabinet Office

London

Email

publicprocurementreview@cabinetoffice.gov.uk

Telephone

+44 3450103503

Country

United Kingdom

Internet address

<https://www.gov.uk/government/publications/public-procurement-review-service-scope-and-remit>