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Contract

TfW - Substations with Contained Gas Insulated Switchgear

Transport for Wales

F03: Contract award notice

Notice identifier: 2021/S 000-003708

Procurement identifier (OCID): ocds-h6vhtk-0295e4

Published 24 February 2021, 3:40pm

Section I: Contracting authority

I.1) Name and addresses

Transport for Wales

3 Llys Cadwyn

Pontypridd,

CF37 4TH

Contact

Tamara Evans

Email

Procurement@tfw.wales

Telephone

+44 2921673434

Country

United Kingdom

NUTS code

UKL - WALES

Internet address(es)

Main address

<http://tfw.gov.wales>

Buyer's address

https://www.sell2wales.gov.wales/search/Search_AuthProfile.aspx?ID=AA50685

I.4) Type of the contracting authority

Body governed by public law

I.5) Main activity

Other activity

Transport related activities

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

TfW - Substations with Contained Gas Insulated Switchgear

II.1.2) Main CPV code

- 31600000 - Electrical equipment and apparatus

II.1.3) Type of contract

Supplies

II.1.4) Short description

TfW has awarded a supply contract to Siemens Mobility for the purchase of Side entry 8DA11 CGIS (Contained Gas Insulated Switchgear). TfW identified that it needed to ensure that the side entry 8DA11 CGIS is purchased in line with PADS approvals and do so in a manner that is achievable within capital and revenue budget and programme.

II.1.6) Information about lots

This contract is divided into lots: No

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

Value excluding VAT: £4,500,000

II.2) Description

II.2.2) Additional CPV code(s)

- 31000000 - Electrical machinery, apparatus, equipment and consumables; lighting
- 31210000 - Electrical apparatus for switching or protecting electrical circuits
- 31600000 - Electrical equipment and apparatus
- 31682540 - Substation equipment

- 45232220 - Substation construction work
- 45234170 - Locomotive-substations construction works

II.2.3) Place of performance

NUTS codes

- UKL15 - Central Valleys
- UKL16 - Gwent Valleys
- UKL17 - Bridgend and Neath Port Talbot
- UKL2 - East Wales
- UKL22 - Cardiff and Vale of Glamorgan

Main site or place of performance

South East Wales Core Valley Railway Lines

II.2.4) Description of the procurement

TfW has awarded a supply contract to Siemens Mobility for the purchase of Side entry 8DA11 CGIS (Contained Gas Insulated Switchgear). Transport for Wales (TfW), and its delivery partners, are responsible for the development and delivery of the South Wales Metro, including the CVL Transformation programme, which will integrate public transport services and systems in South East Wales. Part of this programme includes the electrification of the Core Valley Lines in South East Wales (comprising Rhymey to Cardiff Queen Street, Coryton Spur, Merthyr Tydfil to Cardiff Queen Street, Aberdare to Cardiff Queen Street, Aberdare to Hirwaun, Treherbert to Cardiff Queen Street, Cardiff Queen Street to Cardiff Central and Cardiff Central to Cardiff Bay) and will require supply and fixing of substations to create the power network.

TfW identified that Siemens Mobility is the only supplier capable of meeting TfW's requirements, for the following reasons. The required items must be supplied by a Network Rail Parts and Drawings System ("PADS") approved supplier of side entry 8DA11 CGIS (Contained Gas Insulated Switchgear) in order to conform to Network Rail and TfW standards, namely NR/L1/ELP/27000, NR standard NR/PS/ELP/27236 and PADS Certificate PA05/00637, including as well the following British Standards policies and legislations as detailed in NR/L1/ELP/27000:

BS7671 – Requirements for electrical installations

BS EN 50119 – Railway applications. Fixed installations. Electric traction overhead contact lines.

BS EN 50122 - Railway applications. Fixed installations. Electrical safety, earthing and the return circuit

BS EN 50149 - Railway applications. Fixed installations. Electric traction. Copper and copper alloy grooved contact wires

BS EN 50163 & A1 – Railway Applications. Supply voltages of traction systems

BS EN 50367 – Railway applications. Current collection systems. Technical criteria for the interaction between pantograph and overhead line (to achieve free access)

BS EN 50388 – Railway Applications. Power supply and rolling stock. Technical criteria for the coordination between power supply (substation) and rolling stock

BS EN 50463-4 – Railway Applications. Energy measurement on board trains. Communication

CDM – Construction (Design and Management) Regulations 2015

Electrical Power Asset Policy 2012

Electrical Power Asset Policy Appendices 2012

Electrical Safety, Quality and Continuity Regulations 2002

Electrical at Work Regulations 1989

ENE TSI – Commission Regulation (EU) No 1301/2014 of 18 November 2014 on the technical specification for interoperability relating to the ‘energy’ subsystem of the rail system in the Union

Environmental Protection Regulations 2000

Fire Precautions Sub Surface Railway Stations Regulations 1989

Fluorinated Greenhouse Gases Regulations 2009

GL/RT 1210 – AC Energy Subsystem and Interfaces to Rolling Stock Subsystem

IEC 61850 – Power Utility Automation

The supplier must be PADS approved because the product acceptance process gives TfW the assurance that products accepted for use on or about the infrastructure are safe, compatible, reliable, fit for purpose and do not export unacceptable risks to Network Rail and/or TfW infrastructure. The supplier must also have side entry cable capacity to ensure conformity with the standards detailed above and to meet the system design requirements where due consideration was given to all types of design and decisions based on concerns regarding land take and consents and potential for vandalism have led to the requirement for CGIS Switchgear. TfW's expert advisers conducted market investigations and on the basis of these Siemens is currently the only PADS approved supplier of CGIS switchgear with side entry which meets the above requirements.

II.2.5) Award criteria

Quality criterion - Name: Only one possible supplier / Weighting: N/A

Price - Weighting: N/A

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

TfW South Wales Metro Enhancement Projects

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Award of a contract without prior publication of a call for competition in the cases listed below

- The services can be provided only by a particular economic operator for the following reason:
 - absence of competition for technical reasons

Explanation:

The products can be provided only by a particular supplier for reasons that are technical and connected with the protection of intellectual property rights and conformity with design and safety standards.

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

The procurement is covered by the Government Procurement Agreement: Yes

IV.2) Administrative information

IV.2.1) Previous publication concerning this procedure

Notice number: [2020/S 064-154346](#)

Section V. Award of contract

Contract No

TfW238

A contract/lot is awarded: Yes

V.2) Award of contract

V.2.1) Date of conclusion of the contract

29 June 2020

V.2.2) Information about tenders

Number of tenders received: 1

Number of tenders received from SMEs: 0

Number of tenders received from tenderers from other EU Member States: 0

Number of tenders received from tenderers from non-EU Member States: 0

Number of tenders received by electronic means: 1

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

V.2.3) Name and address of the contractor

Siemens Mobility Limited

Euston House, 24 Eversholt Street

London, England

NW1 1AD

Telephone

+44 07808826343

Country

United Kingdom

NUTS code

- UKI - LONDON

The contractor is an SME

No

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

Total value of the contract/lot: £4,500,000

Section VI. Complementary information

VI.3) Additional information

The final contract price referenced above in II.1.7 and V.2.4 is an estimate as detailed in the VEAT and the actual price of the contract may differ. The exact figure has not been provided due to its commercially sensitive nature.

(WA Ref:107098)

VI.4) Procedures for review

VI.4.1) Review body

High Court

Royal Courts of Justice, The Strand

London

WC2A 2LL

Telephone

+44 2079477501

Country

United Kingdom