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**United Kingdom-Glasgow: Bridge construction work
2017/S 021-034728**

Contract notice

Works

Directive 2014/24/EU

Section I: Contracting authority

I.1) **Name and addresses**

Transport Scotland South East
Buchanan House, 58 Port Dundas Road
Glasgow
G4 0DX
United Kingdom
Contact person: Ian McFetridge
Telephone: +44 1412727271
E-mail: Ian.McFetridge@transport.gov.scot
Fax: +44 1412727272
NUTS code: UKM25

Internet address(es):

Main address: <http://www.transportscotland.gsi.gov.uk>
Address of the buyer profile: http://www.publiccontractsscotland.gov.uk/search/Search_AuthProfile.aspx?ID=AA13185

I.2) **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:
www.publiccontractsscotland.gov.uk
Additional information can be obtained from the abovementioned address
Tenders or requests to participate must be submitted to the abovementioned address

I.4) **Type of the contracting authority**

National or federal agency/office

I.5) **Main activity**

Other activity: transport

Section II: Object

II.1) **Scope of the procurement**

II.1.1) **Title:**

Forth Road Bridge: Replacement of Expansion Joints.
Reference number: TS/TRBO/WKS/2016/05

II.1.2) **Main CPV code**

45221110

II.1.3) **Type of contract**

Works

II.1.4) **Short description:**

Transport Scotland wishes to appoint a suitably experienced contractor to undertake the replacement of the expansion joints on the Forth Road Bridge (the 'Works').

II.1.5) **Estimated total value**

Value excluding VAT: 9 000 000.00 GBP

II.1.6) **Information about lots**

This contract is divided into lots: no

II.2) **Description**

II.2.1) **Title:**

II.2.2) **Additional CPV code(s)**

45221111

45221115

45221000

45221100

II.2.3) **Place of performance**

NUTS code: UKM25

Main site or place of performance:

Forth Road Bridge, South Queensferry, EH30 9SF, UK.

II.2.4) **Description of the procurement:**

Transport Scotland is an agency of the Scottish Government and contracts in the name of and on behalf of the Scottish Ministers.

Transport Scotland has identified the requirement to appoint a Principal Contractor to undertake the replacement of the expansion joints on the Forth Road Bridge. The contract is due to be awarded in Autumn 2017, with a start on site in Spring 2018 for a period of approximately 8 months.

The main Contractor will be procured through a competitive tender procedure in accordance with the restricted procedure as stated in the Public Contracts (Scotland) Regulations 2015 (the 'Regulations'). Due to project complexity, the project requires to be performed by a single contractor and as such will not be divided into lots. To be considered for the contract, economic operators are required to complete the European Single Procurement Document (ESPD) in accordance with this notice. Economic operators shall be evaluated in accordance with the Regulations on the basis of the information they have been provided within the ESPD.

Project Details

The Forth Road Bridge spans the Firth of Forth and carries the A90 Trunk Road between Fife and Lothian. The bridge consists of two approach viaducts and a suspension bridge which forms the main section of the structure. The main span is 1 006 metres long with side spans each of 408 metres. The deck is an open steel truss with an orthotropic stiffened plate on the main span and reinforced concrete slabs on the side spans. The truss is supported by two aerially spun cables each of approximately 590 mm diameter.

The main expansion joints are located at the north and south main towers. These are of the 'roller shutter' or rolling leaf type and were developed, fabricated and installed by the German firm Demag AG. These joints are believed to be the largest and oldest of their type in existence. The replacement joints will be a modified version of the same type of joint.

While the carriageway closures are in place for the replacement of the main expansion joints and the adjacent footway/cycleway joints it is also proposed to undertake the replacement of the comb joints on the north and

south approach viaducts, and the nosing joints at the north and south side towers. The replacement of the footway/cycleway expansion joints on the approach viaducts will also be undertaken.

The principal elements of the works will comprise, but will not be limited to:

- Replacement of the carriageway expansion joints at the north and south main towers.
- Replacement of the carriageway expansion joints on the north and south approach viaducts.
- Replacement of the carriageway nosing joints at the north and south side towers.
- Replacement of the footway/cycleway joints at the north and south main towers.
- Replacement of the footway/cycleway joints at the north and south approach viaducts.
- Provision of as constructed information.
- Provision of the Health & Safety File.

II.2.5) Award criteria

Criteria below

Quality criterion - Name: Quality / Weighting: 40

Cost criterion - Name: Cost / Weighting: 60

II.2.6) Estimated value

Value excluding VAT: 9 000 000.00 GBP

II.2.7) Duration of the contract, framework agreement or dynamic purchasing system

Duration in months: 15

This contract is subject to renewal: no

II.2.9) Information about the limits on the number of candidates to be invited

Envisaged number of candidates: 5

Objective criteria for choosing the limited number of candidates:

It is intended that 5 economic operators be taken forward to tender stage. These economic operators shall be those who have:

- i) submitted a compliant submission, comprising the completed ESPD;
- ii) satisfied the relevant selection criteria under the exclusion grounds;
- iii) Technical and Professional Ability:
 - (s) Minimum Levels of Ability — provided evidence of working on specified types of projects over a specified value; and
 - (b) Sufficient Levels of Experience — provided evidence demonstrating an acceptable level of technical or professional experience; and
 - (c) Human Resources — possess the necessary human resources, qualified appropriately to perform the requirement.
- iv) has in place quality, environmental and health and safety management systems;
- v) experience in acting as the 'Principal Contractor' under the Construction (Design and Management) Regulations 2015 ('CDM Regulations') or European equivalent;
- vi) satisfied minimum standards of economic and financial standing;
- vii) achieved the first, second, third, fourth or fifth highest combined weighted scores in respect of technical or professional ability calculated in accordance with the responses to Statements(c), (d) and (e) in Section III.1.3 of this Contract Notice.

However, if an economic operator has not submitted a compliant submission as described in (i) above, failed in respect of either (ii),(iii),(iv),(v), or (vi) above, then that economic operator shall be excluded from the ranking of scores described in (vii) as above.

Furthermore, economic operators shall be required to self-certify their adherence to the selection criteria via the ESPD. Suppliers shall be required to submit appropriate means of proof at a later stage as stated in Regulation 60 of the Regulations.

II.2.10) **Information about variants**

Variants will be accepted: no

II.2.11) **Information about options**

Options: no

II.2.12) **Information about electronic catalogues**

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**

Economic operators may be excluded from this competition if they are in any of the situations referred to in regulation 58 of the Regulations.

Section III: Legal, economic, financial and technical information

III.1) **Conditions for participation**

III.1.1) **Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers**

List and brief description of conditions:

Economic operators will be evaluated in accordance with the Public Contracts (Scotland) Regulations 2015, on the basis of information provided within the ESPD.

Professional or Trade Registers

Economic operators must be enrolled in the relevant professional or trade registers kept in the Member state of its establishment (as described in Schedule 5 of the Public Contracts (Scotland) Regulations 2015) (e.g. registered under Companies House). Economic operators should provide details under Question Ref. 4A.1.

Accreditation and Certification

Furthermore, economic operators' site staff to be accredited under the Construction Skills Construction Safety Scheme (CSCS) or equivalent; and in performing the project shall ensure that all fabricated and completed steelwork shall be CE Marked. Economic operators should provide details under Question Ref. 4C.6 and 4C.12, in accordance with the requirements of this Contract Notice.

Standards and Specification

Subject to the other provisions of the Contract, the standards and specifications with which the Contractor shall comply will include:

- UK Department for Transport Standards for Highways, specifically:
- Design Manual for Roads and Bridges (DMRB),
- Manual of Contract Documents for Highway Works (MCHW),
- Transport Scotland Interim Amendments (TSIA),
- Eurocodes.

In accordance with the DMRB, the temporary works design shall be the subject of a Category 3 Checker.

Information relating to the Category 3 Checker, should be provided within a separate ESPD under Question Ref. 2C.1 of the ESPD, in accordance with 2C1.1 Instructions for Bidders.

Furthermore, it is intended that for this contract, the successful economic operator shall be appointed to fulfill the duties of the Principal Contractor under the CDM Regulations 2015. Information demonstrating they have the requisite experience to perform the role of Principal Contractor under the CDM Regulations 2015 and are

prepared to accept such appointment under the contract, should be provided for under Question Ref. 4C.6 in accordance with this Contract Notice.

Staff

It is a requirement of the contract that the staff employed under economic operator shall possess the necessary human resources and be qualified appropriately to perform the requirement. Details should be provided for under ESPD, Question Ref. 4C6.1 in response to Statement (j) above.

III.1.2) **Economic and financial standing**

List and brief description of selection criteria:

Economic operators shall be required to satisfy minimum standards of economic and financial standing. To determine these standards, Economic Operators shall:

- (a) in response to Question Ref. 4B.1 provide the specified annual turnover for the last two years of trading, or for the period which is available if trading for less than 2 years;
- (b) in response to Question Ref. 4B.4 provide the name, value and/or range of NINE financial criteria for the last two years of trading, or for the period which is available if trading for less than 2 years; and
- (c) in response to Question Ref. 4B.5 confirm they already have or can commit to obtain, prior to commencement of the contract the required levels of insurance.

In addition to the information requested under (a) and (b), economic operators are required to provide a link to the associated annual accounts as filed at Companies House (or equivalent if not a UK registered company) for the last two years of trading, or for the period which is available if less than two years. Where such information may not be obtained via the means described in regulation 60.(11)(a) of the Regulations economic operators are required to submit copies.

This information is to enable Transport Scotland to perform their own assessment and confirm the financial ratios submitted. Ultimately, ensuring the correct score is allocated, and to ensure no misinterpretation.

Where there exist differences in ratios, between those provided and those calculated by Transport Scotland, clarification will be sought.

Minimum level(s) of standards possibly required:

Economic operators shall be required to satisfy minimum standards of economic and financial standing. These are described below:

Evaluation Criteria Ratios (Question Ref. 4B.4)

The financial information received under Question Ref. 4B.4 of the ESPD shall be evaluated and scored out of 50 by allocating a score against nine individual economic and financial standing evaluation criteria, namely:

1. Acid Test Ratio;
2. Cash Interest Cover Ratio;
3. Return on Capital Employed;
4. Operating Profit Ratio;
5. Net Worth;
6. Gearing;
7. Annual Contract Value to Turnover;
8. Filed Accounts;
9. Audit Report.

The individual scores shall be weighted for Year 1 and Year 2, with the most recent (Year 1) financial statements to be weighted at 67 % with Year 2 being weighted at 33 %, to form an aggregated score for each of the nine criteria over the two years.

The maximum cumulative score resulting from the summation of the nine economic and financial standing aggregated scores shall be 50 marks. A submission shall be marked as a FAIL and will not be considered

further if the score achieved by a Single Economic Operator or a Group of Economic Operators is less than 50 percent of the available marks. The scoring criteria can be downloaded via the Public Contracts Scotland portal www.publiccontractsscotland.gov.uk via this Contract Notice.

Where the submission has been submitted by a Group of Economic Operators, the information submitted by each Group Member will be evaluated in the proportion of the percentage shareholdings or percentage equity/ interest of each Group Member and a score determined for such Group of Economic Operators on that basis. Statement for 4B.5.

It is a requirement of this contract that economic operators hold, or can commit to obtain prior to the commencement of any subsequently awarded contract, the types and levels of insurance indicated below (Note: Employer's (Compulsory) Liability Insurance = 10 000 000 GBP.

Public Liability Insurance = 10 000 000 GBP.

In responding to Question Ref. 4B.5.1 and 4B.5.2 of the ESPD, where the bidder ticks the box 'No, and I cannot commit to obtain it' they shall be marked as fail.

III.1.3) **Technical and professional ability**

List and brief description of selection criteria:

Under Question Ref. 4C.1 of the ESPD economic operators shall be required to insert suitable responses to Statements (a), (b), (c), (d) and (e), demonstrating that they have the required minimum standards of eligibility and technical and professional ability. Answers to these statements shall be answered by Single Economic Operators and by Groups of Economic Operators (Group Members should not respond individually).

Responses to Statements (a) and (b) shall be assessed on the basis of pass or fail. Economic Operators who fail to satisfy these minimum standards (either they answer 'no' or fail to provide an acceptable answer) shall be excluded from the procurement competition.

The responses to Statements (c), (d) and (e) shall be assessed on the basis of a score with a minimum threshold, using the following scoring mechanism: Does not demonstrate an acceptable level of technical or professional ability (1 — 4); Demonstrates an acceptable level of technical or professional ability (5 — 6); Demonstrates a good level of technical or professional ability (7 — 8); Demonstrates an excellent level of technical or professional ability (9 — 10). A response shall be marked as a FAIL and will not be considered further if the score achieved for any question is less than or equal to 4. Where a response is greater than 4 it shall be weighted in order to calculate a score out of 100 for these 3 questions.

Under Question Ref. 4C.7 of the ESPD economic operators shall be required to insert suitable responses to Statements (f), (g), and (h) demonstrating that they have in place an appropriate quality, environmental and health and safety management systems. Economic Operators should specify their recognised accredited system or own non-accredited system, which will ultimately shall be adopted if awarded the contract.

Subsequently, under Question Ref. 4D.1 economic operators are required to confirm their compliance and be able to provide the appropriate certification.

The responses to Statements (f), (g) and (h) shall be assessed on the basis of PASS or FAIL. Single Economic Operators or Group of Economic Operators who have no management system in use will not be considered for this contract.

Under Question Ref. 4C.6 of the ESPD economic operators shall be required to insert suitable responses to Statement (i) demonstrating they have the requisite experience to perform the role of Principal Contractor under the CDM Regulations 2015 and are prepared to accept such appointment under the contract. Economic operators who fail demonstrate they have the requisite experience or who are not willing to accept the appointment shall be excluded from the procurement competition

Under Question Ref. 4C6.1 of the ESPD economic operators shall be required to insert suitable responses to Statement (j) demonstrating that their employees (or those of the entities whom which they are relying upon) possess the necessary human resources and are qualified appropriately to perform the requirement.

The response to Statement (j) shall be assessed on the basis of PASS or FAIL. Economic Operators (or the entities whom which they are relying upon) whose employees do not possess the necessary human resources shall be excluded from the procurement competition.

In response to Statement (k) economic operators shall be required to insert suitable responses under Question Ref. 4C.6 of the ESPD demonstrating that they are registered/accredited under the relevant professional or trade body and under Question 4C.12 of the ESPD confirm that they are able to provide the relevant certificates attesting to the conformity of the products to be provided under the contract.

The response to Statement (k) shall be assessed on the basis of PASS or FAIL. Economic Operators who are not registered or certified in accordance with the specified requirements contained in Statement (k) shall be excluded from the procurement competition.

Minimum level(s) of standards possibly required:

Statement (a) to (b): Within the last 5 years, have you undertaken:

(a) The role of Principal Contractor on a major steel bridge repair/refurbishment contract, similar in terms of size, nature, scope and complexity to the Works? If answered yes, please provide details.

(b) Works on a bridge similar in terms of size, nature, scope and complexity to the Works which involved working at height and/or over water? If answered yes, please provide details.

Statement (c) to (e): Provide evidence from projects performed in the last 5 years which detail experience of;

(c) Repair/refurbishment of a major bridge, with associated temporary works design. Your response shall provide: details of the project which demonstrate capability to perform the proposed contract; details of the management and control of on-site activities used to ensure health and safety compliance; evidence of innovation and added value; and technical details of important design/construction and completion aspects of the projects. (Max. 1 500 words, weighting 40 %.)

(d) Minimising and mitigating the impact of construction works on the environment, local community and the wider environment. Your response shall provide: details of specific mitigation measures and works (Max. 1 000 words, weighting 30 %).

(e) working with, and interfacing with other contractors and suppliers. Your response shall provide: effective management of sub-contractors; details of the nature of potential difficulties addressed; and logistics planning for site deliveries. (Max. 1 000 words, weighting 30 %.)

Statement (f) to (h): Provide details of your management systems:

(f) Quality. This may be European Foundation Quality Model (EFQM) or equivalent; BS EN ISO9001:2000 (Quality Management Systems); Other accredited management system; or Own non-accredited management system.

(g) Environmental. This may BS EN ISO14001:2004 (Environmental Management Systems); Other accredited management system; or Own non-accredited management system.

(h) Health and Safety. This may BS EN ISO18001:2007 (Occupational Health and Safety Management Systems) and associated standards; Other accredited management system; or Own non-accredited management system.

Statement (i) Provide evidence to demonstrate competence in the role of Principal Contractor under the CDM Regulations and confirm that you would be willing to accept this appointment.

Statement (j) It is a requirement of the contract that staff shall be qualified appropriately to enable them to perform the works in accordance with the appropriate standards. The following staff within the economic

operators organisation, or those entities whom which they are relying upon (as provided for under Question Ref. 2C.1), should as a minimum hold the following qualifications:

Project Manager — Chartered Engineer (IStructE/ICE/IMechE) with demonstrable experience of working on civil/structural engineering construction/repair/refurbishment projects on major bridges or other structures similar in terms of size, nature, scope and complexity to the Works.

Site Manager — Minimum CITB site managers 5 Day Course with demonstrable experience of managing civil/structural engineering construction/repair/refurbishment projects on major bridges or other structures similar to the Works.

Temporary Works Design Engineer — Chartered Engineer (IStructE/ICE/IMechE).

Temporary Works CAT III Checker — Chartered Engineer (IStructE/ICE/IMechE).

The Temporary Works CAT III Checker by the nature of their role can only be part of a reliant entity.

Statement (k) — It is a requirement of the contract that the economic operators must be certified under the steel Construction Certification Scheme; certified under The Register of Qualified Steelwork Contractors Scheme for Bridgeworks (RQSC) (Grade CM); all site staff to be accredited under the CSCS Scheme or equivalent; must have a minimum of execution class EXC3; and in performing the project provide assurance that all fabricated and completed steelwork shall be CE Marked.

III.1.5) **Information about reserved contracts**

III.2) **Conditions related to the contract**

III.2.2) **Contract performance conditions:**

It is the Employer's policy to measure the performance of Contractors on a regular basis.

In the event that the Contractor's performance falls below a satisfactory level, the Contractor will be invited to determine a means of rectifying the situation. Repeated or continual service failures may result in suspension or termination of the contract.

III.2.3) **Information about staff responsible for the performance of the contract**

Obligation to indicate the names and professional qualifications of the staff assigned to performing the contract

Section IV: Procedure

IV.1) **Description**

IV.1.1) **Type of procedure**

Restricted procedure

IV.1.3) **Information about a framework agreement or a dynamic purchasing system**

IV.1.4) **Information about reduction of the number of solutions or tenders during negotiation or dialogue**

IV.1.6) **Information about electronic auction**

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**

IV.2.2) **Time limit for receipt of tenders or requests to participate**

Date: 01/03/2017

Local time: 12:00

IV.2.3) **Estimated date of dispatch of invitations to tender or to participate to selected candidates**

Date: 05/05/2017

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: 3 (from the date stated for receipt of tender)

IV.2.7) **Conditions for opening of tenders**

Section VI: Complementary information

VI.1) **Information about recurrence**

This is a recurrent procurement: no

VI.2) **Information about electronic workflows**

VI.3) **Additional information:**

Transport Scotland will conduct the proposed procurement process for the Contract on behalf of the Scottish Ministers. In the event of the conclusion of the contract, the Contract will be entered into between the Scottish Ministers and the successful tenderer. The Contract terms and conditions will be based on ICE Conditions of Contract 5th Edition, with bespoke amendments. Each selected economic operator shall be invited to submit a Tender on the same contract terms.

Each Economic Operator shall submit four paper copies (one marked 'ORIGINAL' and three marked COPY 1, 2, or 3 as relevant) together with a data CD/DVD of the completed ESPD, in a sealed package to arrive by no later than 12:00 GMT on Wednesday 1.3.2017 to the following address:

Procurement Support Manager, Transport Scotland, Buchanan House, 58 Port Dundas Road, Glasgow, G4 0HF, UK

The Scottish Ministers shall not evaluate any submission received past the specified deadline, unless the delay is caused by a situation out with the control of the economic operator, the determination of which shall be at the sole discretion of the Scottish Ministers. Compliance with achieving the specified deadline is the sole responsibility of the economic operator.

Economic operators which alter their composition after making a submission will be the subject of re-evaluation. Any request by economic operators for clarification of any part of the documentation, which relate to the ESPD submission, shall be made through the Public Contracts Scotland portal. The deadline to submit clarifications is 12:00 GMT on Friday 17.2.2017.

Neither Transport Scotland nor the Scottish Ministers shall be responsible in any way to Economic Operators as a result of any delay or failure in answering any request for clarification or any decision not to answer a request for clarification (either in full or in part). Absence of a response from Transport Scotland or the Scottish Ministers shall not entitle Economic Operators to qualify their submission.

The Scottish Ministers reserve the right not to conclude any contract as a result of the procurement process initiated by this notice and to make whatever changes the Scottish Ministers deem appropriate to the content, process, timing and structure of the procurement process.

Transport Scotland and the Scottish Ministers shall have no liability for any costs howsoever incurred by those participating in the competition.

Economic operators should be aware that all information submitted to the Scottish Ministers may need to be disclosed and/or published by the Scottish Ministers in compliance with the Freedom of Information (Scotland) Act 2002.

Note: to register your interest in this notice and obtain any additional information please visit the Public Contracts Scotland Web Site at http://www.publiccontractsscotland.gov.uk/Search/Search_Switch.aspx?ID=471683

A sub-contract clause has been included in this contract. For more information see: <http://www.publiccontractsscotland.gov.uk/info/InfoCentre.aspx?ID=2363>

Community benefits are included in this requirement. For more information see: <http://www.publiccontractsscotland.gov.uk/info/InfoCentre.aspx?ID=2361>

A summary of the expected community benefits has been provided as follows:

Under the terms of this contract the successful supplier(s) will be required to deliver Community Benefits in support of the authority's economic and social objectives. Accordingly, contract performance conditions may relate in particular to social and environmental considerations. The Community Benefits included in this contract are:

Requirement will be detailed in tender documentation and may relate to — training and recruitment, the availability of sub-contracting opportunities or which is otherwise intended to improve the economic, social or environmental wellbeing of the Forth Road Bridge area.

(SC Ref:471683)

Download the ESPD document here: http://www.publiccontractsscotland.gov.uk/ESPD/ESPD_Download.aspx?id=471683

VI.4) **Procedures for review**

VI.4.1) **Review body**

Transport Scotland
Buchanan House
Glasgow
G4 0DX
United Kingdom
Telephone: +44 1412727100
Fax: +44 1412727272
Internet address:<http://www.transportscotland.gsi.gov.uk>

VI.4.2) **Body responsible for mediation procedures**

VI.4.3) **Review procedure**

VI.4.4) **Service from which information about the review procedure may be obtained**

VI.5) **Date of dispatch of this notice:**

27/01/2017