

UK-Prestwick: airport Surveillance System (SUR)

OJ S 11/2012 18/01/2012

Contract notice – utilities

Supplies

Directive 2004/17/EC

Section I: Contracting entity

I.1. Name and addresses

Official name: Glasgow Prestwick Airport

Postal address: Aviation House, Ayrshire

Town: Prestwick

Postal code: KA9 2PL

Country: United Kingdom

Contact person: Engineering Manager

For the attention of: Steve Thomson

E-mail: procurement@glasgowprestwick.com

Telephone: +44 1292511055

Internet address(es):

General address of the contracting entity: <http://www.glasgowprestwick.com>

Address of the buyer profile: <http://www.glasgowprestwick.com>

Additional information can be obtained from:

the abovementioned address

Specifications and additional documents (including documents for a dynamic purchasing system) can be obtained from: the abovementioned address

Tenders or requests to participate must be submitted: the abovementioned address

I.2. Main activity

Airport-related activities

I.3. Contract award on behalf of other contracting entities

The contracting entity is purchasing on behalf of other contracting entities: no

Section II: Object of the contract

II.1. Description

II.1.1. Title attributed to the contract by the contracting entity

Glasgow Prestwick Airport surveillance system.

II.1.2. Type of contract and place of performance or delivery

Supplies

Purchase

Main site or place of performance: Glasgow Prestwick Airport.

NUTS code UKM37 South Ayrshire

II.1.3. Information about a framework agreement or a dynamic purchasing system

The notice involves a public contract

II.1.4. Information about framework agreement

II.1.5. Short description of the contract or purchase(s)

Glasgow Prestwick Airport ("GPA") is seeking to procure a new Primary Surveillance Radar (PSR) to be located on or in close proximity to the existing PSR site. GPA may alternatively procure new PSR and co-mounted Mode S capable Monopulse Secondary Surveillance Radar (MSSR) or may alternatively procure a new PSR and Wide Area Multi Lateration (WAM) Surveillance System.

The PSR and Secondary Surveillance solution is to be integrated to a Radar Display Processor (RDP) and Display System (DS) that is either an upgrade to existing RDP and DS, or an alternate RDP and DS, whichever is the most cost effective and provides best operational performance to Air Traffic Control (ATC).

This is explained in greater detail under the description of "lots".

II.1.6. CPV code(s)

34968100 Airport Surveillance System (SUR), 45223400 Radar station construction work, 32352200 Radar spare parts and accessories

II.1.7. Information about the Government Procurement Agreement (GPA)

The procurement is covered by the Government Procurement Agreement: no

II.1.8. Information about lots

This contract is divided into lots: yes

Tenders may be submitted for one or more lots

II.1.9. Information about variants

Variants will be accepted: no

II.2. Scope of the procurement

II.2.1. Total quantity or scope

The total scope of the contract includes:

- The design, manufacture/supply, install and commission of the Surveillance System,
- Data Communications between the Surveillance Sensor Site and the Control Tower Equipment Room,
- System Interfaces,
- Site Power Supplies.

The procurement and installation of the following elements:

- Surveillance Sensor Systems,
- Electrical/electronic interface work,
- Communication cabling,
- Power supplies,
- Associated Civil works.

One organisation will be selected to design, manufacture/supply, install, test and commission the PSR or PSR/MSSR radar solution(s) at GPA. However a separate supplier could be considered for the design, manufacture/ supply, install, test and commission of a WAM Secondary Surveillance solution at GPA.

The supplier of the PSR must be able to integrate the chosen Secondary Surveillance solution. It should be noted that the Surveillance System will be required to provide Onward Routed Radar Data (ORRD) to nominated Service Delivery Points (SDP) for Integration into the National Air Traffic Services En Route Limited (NERL) multi radar tracking (MRT) System. It shall also be required to receive ORRD from various Surveillance Sensors such as, by way of example, Traditional PSR, Aveillant or CSpeed and integrate/fuse them into a single Surveillance picture without degradation of performance.

It should be noted that certain aspect(s) of the requirement may be let as a separate contract or retained in house, such as provision of fibre optic connectivity or certain aspects of the associated civil installation works.

II.2.2. Information about options

Options: no

II.2.3. Information about renewals

This contract is subject to renewal: no

II.3. Duration of the contract or time limit for completion

Start 1.6.2012 Completion 1.8.2013

Information about lots

Lot No: 1

Lot title: Primary Radar System (PRS) and Co-mounted Mode S capable Monopulse Secondary Surveillance Radar (MSSR)

1) Short description

Glasgow Prestwick Airport ("GPA") is seeking to procure a new S-Band PSR and co-mounted Mode S capable MSSR.

The PSR and MSSR solution is to be integrated to a Radar Display Processor (RDP) and Display System (DS) that is either an upgrade to existing RDP and DS, or an alternate RDP and DS, whichever is the most cost effective and provides best operational performance to GPA Air Traffic Control (ATC).

Key considerations are that the Surveillance system:

- shall be used to provide airport radar services,
- shall output ORRD to NERL SDP for use in their MRT to provide en-route radar services,
- shall be able to receive and integrate/fuse external ORRD from other Surveillance/Sensor systems (e.g.PSR, Aveillant, CSPEED) to provide a multi Sensor Surveillance System configurable to mitigate wind turbine clutter. Suitable applicants are being sought to tender for the package, which is,
 - The procurement (design, manufacture/supply, install and commission) of the Surveillance System,
 - Data Communications between the Surveillance System Sensor Site and the Control Tower Equipment Room,
 - System Interfaces,
 - Site Power Supplies.

The procurement and installation of the following elements:

- Surveillance systems,
- Electrical/electronic interface work,
- Communication cabling,
- Power supplies,
- Associated Civil works.

One organisation will be selected to design, manufacture/supply, install, test and commission the Surveillance System at GPA in the event that only lot 1 is procured. It should be noted that certain aspect(s) of the requirement may be let as a separate contract or retained in house, such as provision of fibre optic connectivity or certain aspects of the associated civil installation works.

Lot 1 is for the procurement of a PSR and co-mounted Mode S Capable MSSR Surveillance system.

2) CPV code(s)

34968100 Airport Surveillance System (SUR), 45223400 Radar station construction work,
32352200 Radar spare parts and accessories

5) Additional information about lots

Applicants may tender for any or all of the three lots separately and/or a combination of Lot 2 and 3.

GPA will, at its discretion, decide whether to procure either lot 1 (the co-mounted system) or lot 2 (the PSR system alone) and/or lot 3 (WAM) during the tender process and on receipt of tender submissions.

Lot No: 2

Lot title: Primary Surveillance Radar (PSR)

1) Short description

Glasgow Prestwick Airport ("GPA") is seeking to procure a new S-Band Primary Surveillance Radar (PSR).

The PSR solution is to be integrated to a Radar Display Processor (RDP) and Display System (DS) that is either an upgrade to existing RDP and DS, or an alternate RDP and DS, whichever is the most cost effective and provides best operational performance to Air Traffic Control (ATC).

Key considerations are that the Surveillance System:

- shall be used to provide airport radar services,
- shall output ORRD to NERL SDP for use in their MRT System to provide en-route radar services,
- shall be able to receive and integrate/fuse ORRD from other Surveillance/Sensor Systems (e.g. other PSRs, Mode S MSSR, Aveillant, CSPEED) to provide a multi Sensor Surveillance System configurable to mitigate wind turbine clutter.

Suitable applicants are being sought to tender for the package, which is:

- The procurement (design, manufacture/supply, install and commission) of the Surveillance System,
- Data Communications between the Surveillance System Sensor Site and Control Tower Equipment Room,
- System Interfaces,
- Site Power Supplies.

The procurement and installation of the following elements:

- Surveillance systems,
- Electrical/electronic interface work,
- Communication cabling,
- Power supplies,
- Associated Civil works.

One organisation will be selected to design, manufacture/supply, install, test and commission the Surveillance System at GPA. It should be noted that certain aspect(s) of the requirement may be let as a separate contract or retained in house, such as provision of Fibre Optic Connectivity or certain aspects of the associated civil installation works.

Lot 2 is for the procurement of the PSR Surveillance System.

2) CPV code(s)

34968100 Airport Surveillance System (SUR), 45223400 Radar station construction work,
32352200 Radar spare parts and accessories

5) Additional information about lots

Applicants may tender for any or all of the three lots separately and/or a combination of Lot 2

and 3.

GPA will, at its discretion, decide whether to procure either lot 1 (the co-mounted system) or Lot 2 (the PSR system alone) and/or lot 3 (WAM) during the tender process and on receipt of tender submissions.

Lot No: 3

Lot title: Wide Area Multilateration (WAM) Secondary Surveillance System

1) Short description

Glasgow Prestwick Airport ("GPA") is seeking to procure a Wide Area Multilateration (WAM) Secondary Surveillance system.

The WAM system is to be integrated to a Radar Display Processor (RDP) and Display System (DS) that is either an upgrade to existing RDP and DS, or an alternate RDP and DS, whichever is the most cost effective and provides best operational performance to ATC.

Suitable applicants are being sought to tender for the package, which is:

— The procurement (design, manufacture/supply, install, integration and commission) of the WAM System.

Lot 3 is for the Procurement of WAM Secondary Surveillance System alone.

2) CPV code(s)

34968100 Airport Surveillance System (SUR), 45223400 Radar station construction work, 32352200 Radar spare parts and accessories

5) Additional information about lots

Applicants may tender for any or all of the three lots separately and/or a combination of lot 2 and 3.

GPA will, at its discretion, decide whether to procure either lot 1 (the co-mounted system) or lot 2 (the PSR system alone) and/or Lot 3 (WAM) during the tender process and on receipt of tender submissions.

Section III: Legal, economic, financial and technical information

III.1. Conditions related to the contract

III.1.1. Deposits and guarantees required

III.1.2. Main financing conditions and payment arrangements and/or reference to the relevant provisions governing them

III.1.3. Legal form to be taken by the group of economic operators to whom the contract is to be awarded

A group of economic operators successful for one or more lots may be required to form a single economic operator or accept joint and several liability.

III.1.4. Contract performance conditions

The performance of the contract is subject to particular conditions: no

III.2. Conditions for participation

III.2.1. Suitability to pursue the professional activity, including requirements relating to enrolment on professional or trade registers

List and brief description of conditions: Information and formalities relating to the situation of economic operators will be set out in the pre-qualification questionnaire ("PQQ") to be sent to those expressing an interest.

PQQs must be requested from the contact point set out at section 1 of this notice.

III.2.2. Economic and financial ability

List and brief description of conditions: A PQQ issued to those expressing an interest will request the following information:

Mandatory information:

- Year founded and length of trading experience,
- Name and ultimate parent company together with the names of any other group companies who are to be involved in the project (stating their involvement and/or if they are willing to provide a guarantee),
- Copy current Dunn & Bradstreet or equivalent rating of the applicant,
- Audited accounts for the past 2 years,
- A declaration for the applicant's brokers or insurers of the insurance policies currently in place in relation to the applicant's business,
- Applicants must provide confirmation that they are not the subject of any winding up orders, insolvency proceedings or operating under an administration order or have not ceased trading.

III.2.3. Technical and professional ability

List and brief description of conditions: A PQQ issued to those expressing an interest will request the following information:

Technical profile:

A demonstrable track record of design, development, Installation and commissioning of systems involving one or more of the following:

- PSR Sensors,
- Secondary Surveillance Systems (e.g. MSSR, WAM etc),
- ORRD Data Links,
- Integration of Radar Data Processing and Display Systems,
- Provision of ORRD to nominated SDP for Integration to external MRT Systems,
- Integration/fusion of multiple Surveillance Sensor feeds without degradation of performance,
- Details of two representative projects delivered in the last 3 years,
- Experience of introducing new capability and integrating this with legacy systems or from other suppliers,
- Demonstrable evidence of working within the EU ATM regulatory environment.

Management:

- Details of the company quality system,
- A copy of the applicant's health, safety and environment statement.

Resource:

- An outline of the company's management and technical resources,
- An outline of the company's plant and equipment resources. In particular those available for this project,
- A statement indicating present workload, demonstrating capacity to undertake and properly resource the project,
- Details of how the contracting team intends to source, secure and supply the equipment, materials and labour for the project.

III.2.4. Information about reserved contracts

III.3. Conditions specific to services contracts

III.3.1. Information about a particular profession

Execution of the service is reserved to a particular profession: no

III.3.2. 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: no

Section IV: Procedure

IV.1. Type of procedure

IV.1.1. Type of procedure

Negotiated

Some candidates have already been selected (if appropriate under certain types of negotiated procedures): no

IV.2. Award criteria

IV.2.1. Award criteria

The most economically advantageous tender in terms of the criteria stated in the specifications or in the invitation to tender or to negotiate

IV.2.2. Information about electronic auction

An electronic auction will be used: no

IV.3. Administrative information

IV.3.1. File reference number attributed by the contracting entity

00-1505-002

IV.3.2. Previous publication concerning this procedure

no

IV.3.3. Conditions for obtaining specifications and additional documents

(except for a DPS)

Payable documents: no

IV.3.4. Time limit for receipt of tenders or requests to participate

9.2.2012 - 12:00

IV.3.5. Languages in which tenders or requests to participate may be submitted

English.

IV.3.6. Minimum time frame during which the tenderer must maintain the tender

IV.3.7. Conditions for opening of tenders

Section VI: Complementary information

VI.1. Information about recurrence

This is a recurrent procurement: no

VI.2. Information about European Union funds

The procurement is related to a project and/or programme financed by European Union funds: no

VI.3. Additional information

Glasgow Prestwick Airport (GPA) is owned and operated by Infratil Airports Europe Ltd (IAEL),

a UK registered company. IAEL is a wholly owned subsidiary of Infratil Limited, a company listed on the New Zealand stock exchange.

Glasgow Prestwick has circa 35 000 annual air traffic movements and is surrounded by land subject to significant planning applications for windfarm development.

A pre-qualification questionnaire (PQQ) is available from the contact point set out at Section 1 of this Notice. PQQs must be requested, and completed PQQs returned, by 12:00 noon on 9.2.2012 in order for economic operators to have formally registered their interest.

VI.4. Procedures for review

VI.4.1. Review body

VI.4.2. Review procedure

Precise information on deadline(s) for review procedures: As per the Utilities Contracts (Scotland) Regulations 2006.

VI.4.3. Service from which information about the review procedure may be obtained

VI.5. Date of dispatch of this notice

16.1.2012