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Tender

Airport Operational Database (AODB)

MAG AIRPORT LIMITED

F05: Contract notice – utilities

Notice identifier: 2024/S 000-028772

Procurement identifier (OCID): ocds-h6vhtk-044f77

Published 9 September 2024, 12:43pm

Section I: Contracting entity

I.1) Name and addresses

MAG AIRPORT LIMITED

6th Floor, Olympic House, Manchester Airport

MANCHESTER

M901QX

Contact

Scott Hawley

Email

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Telephone

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Country

United Kingdom

Region code

UK - United Kingdom

Companies House

11748654

Internet address(es)

Main address

<https://www.magairports.com/>

I.3) Communication

Access to the procurement documents is restricted. Further information can be obtained at

<https://mag.medius-s2c.com/S2C/SignIn.aspx>

Additional information can be obtained from the above-mentioned address

Tenders or requests to participate must be submitted electronically via

<http://redirect.transaxions.com/events/kWMbq>

Electronic communication requires the use of tools and devices that are not generally available. Unrestricted and full direct access to these tools and devices is possible, free of charge, at

<https://mag.medius-s2c.com/S2C/SignIn.aspx>

I.6) Main activity

Airport-related activities

Section II: Object

II.1) Scope of the procurement

II.1.1) Title

Airport Operational Database (AODB)

Reference number

ID6727

II.1.2) Main CPV code

- 48131000 - Aviation ground support software package

II.1.3) Type of contract

Supplies

II.1.4) Short description

MAG Technology are approaching the market to procure a replacement for the 'core' AODB capabilities and are seeking next-generation AODB solutions that fit within our modern, API-first, and decoupled architecture. We prefer flexible and modular solutions that can adapt to our evolving technological needs.

II.1.5) Estimated total value

Value excluding VAT: £20,000,000

II.1.6) Information about lots

This contract is divided into lots: No

II.2) Description

II.2.2) Additional CPV code(s)

- 48620000 - Operating systems
- 48810000 - Information systems

- 63731000 - Airport operation services

II.2.3) Place of performance

NUTS codes

- UKD - North West (England)
- UKF - East Midlands (England)
- UKH - East of England

Main site or place of performance

Manchester Airport

East Midlands Airport

Stansted Airport

II.2.4) Description of the procurement

MAG Technology's vision is to build the world's most intelligent airports, featuring industry-leading Airport Operating Systems that seamlessly integrate and optimise airport operations ensuring the highest levels of efficiency, safety, and passenger satisfaction.

The Airport Operational Database (AODB) is critically important and plays a central role to support our airport's daily operations. It is the master repository and most truthful representation for all flight related details and is used to feed other airport systems and processes (i.e. Flight Information Displays, Website, A-CDM etc). The AODB is used by many stakeholders to manage day-to-day airport operations, including ATC, Ground Handlers, Airlines, Airfield Operations, Passenger Services and the Billing team use it to aid aviation revenue collection.

We seek to replace the legacy Chroma AODB with a modern, purpose-built solution across all MAG airports, including ACDM capability, specifically at Manchester and London Stansted.

MAG has been using a variation of the Chroma solution for over 30 years. Ownership of the solution has changed significantly over the years; multiple capabilities and features have been added and now MAG airports have varying versions of the AODB.

Our strategy is to use modern enterprise integration technologies to move to a 'loosely coupled' systems landscape, away from a single vendor, monolithic solution. This has seen

the introduction of an enterprise integration layer, and the de-coupling of features from the legacy Chroma application over time, to incrementally reduce the complexity and risk associated with migration from the platform.

The current business capabilities implemented in Chroma have been assessed, and we have identified 'core' capabilities to migrate to a new AODB solution, with the other 'non-core capabilities' moved away from AODB - for example, resource planning/forecasting and flight information display (FID/PID) capabilities.

We are now focused on a replacement for the 'core' AODB capabilities and we are seeking next-generation AODB solutions that fit within our modern, API-first, and decoupled architecture. We prefer flexible and modular solutions that can adapt to our evolving technological needs.

Future AODB capabilities:

- Flight information;
- Data management and prioritisation;
- ACDM;
- Automated call to gate;
- Messaging/ Announcement rules;
- Specialist Interfaces;
- User set up;
- Reference data management and set up;
- Aviation, Fixed Electrical Point and Non-Aviation Billings;
- Contract management

Replacement of the AODB is a key strategic project within MAGs wider digital transformation programme, reflected in our vision, mission and key objectives below.

We are seeking an experienced aviation technology vendor that can meet our future AODB requirements and work collaboratively with us to achieve our long-term vision and evolving operational and technology needs.

II.2.5) Award criteria

Price is not the only award criterion and all criteria are stated only in the procurement documents

II.2.6) Estimated value

Value excluding VAT: £20,000,000

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

Duration in months

180

This contract is subject to renewal

Yes

Description of renewals

The contract will be re-tendered on the expiry of the agreement.

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

Envisaged number of candidates: 4

Objective criteria for choosing the limited number of candidates:

The details are contained on the PQQ document.

II.2.10) Information about variants

Variants will be accepted: No

II.2.11) Information about options

Options: No

II.2.14) Additional information

To participate in the tender you must register your interest at the following address:

<http://redirect.transaxions.com/events/kWMbq>

Once registered you will be given access to the PQQ documents.

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

Conditions are detailed in the PQQ document.

III.1.2) Economic and financial standing

Selection criteria as stated in the procurement documents

III.1.3) Technical and professional ability

Selection criteria as stated in the procurement documents

III.1.4) Objective rules and criteria for participation

List and brief description of rules and criteria

Please refer to the PQQ document.

III.1.8) Legal form to be taken by the group of economic operators to whom the contract is to be awarded

Please refer to the PQQ document.

Section IV. Procedure

IV.1) Description

IV.1.1) Type of procedure

Negotiated procedure with prior call for competition

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: [2024/S 000-010859](#)

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

Date

4 October 2024

Local time

1:00pm

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

28 October 2024

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

Section VI. Complementary information

VI.1) Information about recurrence

This is a recurrent procurement: Yes

VI.2) Information about electronic workflows

Electronic ordering will be used

Electronic invoicing will be accepted

Electronic payment will be used

VI.3) Additional information

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Once registered you will be given access to the PQQ documents.

VI.4) Procedures for review

VI.4.1) Review body

MAG

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Manchester

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Country

United Kingdom

