

Contract award to Bytes Software Service for Cloud Transformation

Date: 23rd February 2023

Report of: Deputy Chief Digital Information Officer

Report to: Chief Digital Information Officer

Will the decision be open for call in? Yes No

Does the report contain confidential or exempt information? Yes No

Brief summary

Leeds City Council have a strategy to move the Application estate to the Cloud.

Leeds City Council are engaged with AWS and Bytes Software Service on a programme of works to assess the on-premises application portfolio for modernisation and migration to AWS Cloud. AWS have provided \$400k funding to support this work.

Bytes Software Services are an AWS partner and have a framework contract with IDS as the Licensing Solutions Partner. Bytes Software Services are the delivery partner for the Cloud Modernisation programme. This report provides the rationale for a contract with AWS as a direct award under the Bytes Software Services framework to deliver this programme.

Recommendations

- a) It is recommended to award a call off contract with AWS as a direct award through the Bytes Software Services frameworks to act as delivery partner for the Cloud Transformation programme.
- b) The contract will be at a cost of £133,680 for a one-year period, starting from the date of award

What is this report about?

- 1 Leeds City Council have a strategy of Cloud Transformation, this entails assessing the on-premises application stacks suitability for a move to the Cloud.
- 2 The aim is to modernise and move applications rather than a lift and shift approach.
- 3 The Cloud Transformation strategy is taking as hybrid approach, as such Azure, AWS and GCP Clouds will be used where they have the best fit.
- 4 AWS has been selected as the preferred Cloud to host application compute and we have commenced the AWS best practice approach to Cloud Transformation. This process has four phases; Assess, Mobilise, Migrate and Modernise. We have already completed the Assess phase.
- 5 The programme also delivers the following outcomes: business case development, Landing Zone deployment, Skills assessment and Cloud Centre of Excellence development, Pilot Modernisations and Pilot Migrations.
- 6 AWS have provided \$400k funding to support this programme of works.
- 7 The overall programme cost after the AWS funding has been removed leaves a delta of £133,680 payable to deliver the programme.

What impact will this proposal have?

- 8 The programme will deliver the business case for Cloud Modernisation and complete the initial migration of 15 applications.

How does this proposal impact the three pillars of the Best City Ambition?

Health and Wellbeing

Inclusive Growth

Zero Carbon

- 9 The move of the on-premises application portfolio to the Cloud will enable the close of the two remaining Data Centres and will achieve significant cost and carbon reduction using modern Cloud compute.
- 10 The transition to Cloud services will enable a modern application portfolio with high availability and accessibility from any location. It will also improve business continuity and disaster recovery capabilities.

What consultation and engagement has taken place?

Wards affected:

Have ward members been consulted?

Yes

No

- 11 Not Applicable.

What are the resource implications?

- 12 IDS staff have been aligned to this programme to support the delivery of the outcomes.

13 Once the Application portfolio has been moved to the Cloud there will be a reduced requirement for technical staff to maintain the Cloud infrastructure compared to the on-premises estate. Staff reductions will be managed through the Managing Staff Reductions (MSR) process.

What are the key risks and how are they being managed?

14 Due to the complexity of the Leeds City Council application portfolio, there is a risk that the initial programme cost estimates may be too low. This will be managed through close monitoring of the works to ensure early sight of any issues, which will then be managed with the supplier.

What are the legal implications?

15 IDS already have a framework contract with Bytes Software Services as Licensing Solutions Provider and therefore have a strong working relationship with this organisation. They are also an AWS partner and as such are recommended to support the programme.

Options, timescales and measuring success

What other options were considered?

16 AWS provided a list of partners; these were discounted due to IDS already having a relationship with Bytes Software Solutions.

How will success be measured?

17 Success will be measured by the delivery of the outcomes listed in the agreed Statement of Works provided by Bytes Software solutions.

What is the timetable and who will be responsible for implementation?

18 The Accountable office for these works is Andrew Byrom, Deputy CDIO.

19 The works will be completed throughout 2023.

Appendices

-

Background papers

-