# IS Applications 3-Year Planning 2015/16 to 2017/18

## Proposal Suggestion Template – 20/11/14 v 2 OVERVIEW

|  |  |  |  |
| --- | --- | --- | --- |
| Portfolio | *ISG* | Programme Name | *Infrastructure* |
| Proposal Name | *Install Oracle 12c* | Proposal Sponsor | *David Smyth* |
| Other Contributors | *Dave Berry, Iain Fiddes, Peter Jackson, Richard Good, Heather Larnach, Stefan Kaempf, Maurice Franceschi, Adam Wadee* | | |
| Need, problem, or opportunity? | *Oracle’s new version of their database product (12c) has been released and with scheduled desupport of v11 of the product in Jan 2018. As we have a large IT estate, it has normally taken up to 2 years to transition all systems to the new version.* | | |
| What would happen if the project did not take place? | Our services would be running on unsupported operating systems and other software.  High risk that third party products would fail on older version of architecture software and databases. | | |
| Additional Information | *No specific info at this time* | | |
| When is it needed? | *Start Year: 2015/16*  *Duration (No. of Years): 1* | | |

## IMPACT

|  |  |
| --- | --- |
| Who does it affect? | *Users and Owners of a large number of services running on Oracle, inclduig several priority 1 services* |
| Why it is needed / what the benefits are | *By upgrading we will ensure:*  *We are in a fully supported position moving forward for our main database delivery platform*  *We will be able to ensure security issues are in a position to be addressed with the vendor*  *We are able to utilise new features that enable us to deliver a more reliable, scalable and performant service.* |
| Procurement activity required? | *N/A* |
| BI/MI requirement? | *N/A* |
| External costs? | *N/A* |

## CATEGORY

|  |  |  |  |
| --- | --- | --- | --- |
| Type of work | *Compliance* | Funding Source | *Core Grant* |
| \*Compliance Justification | | | *Please select corresponding criteria below:* |
| *Meet external legislative requirement* | | |  |
| *Address obsolescence of technology component* | | | *x* |
| *Maintain critical University business system AND*  *no practical workarounds available* | | | *x* |
| *Provide further brief details re. why this should be considered Compliance* | *With the timescales to transition to the new version mentioned above, we need to have the core facility in place to allow the many business areas to plan and execute their migration process before support ends for the current database version.* | | |

## FIT WITH UNIVERSITY STRATEGY

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| --- | --- | --- |
| Goals – Excellence in Education |  | **Infrastructure updates**  -          ensure infrastructure components are maintained and supported to ensure capacity, security and performance requirements  -          rationalisation of architecture where appropriate to enable easier maintenance and reduced costs  -          to standardise delivery of the various operating system, database and application layer technologies across the enterprise IT estate.  We will look to ensure we are providing a stable, secure and available infrastructure by ensuring adequate maintenance for the hardware and supporting software required to provide the University services.  This is seen as an on-going factor of our work where these elements are continually maintained year on year. |
| Goals – Excellence in Research |  |
| Goals – Excellence in Innovation |  |
| Enablers - People |  |
| Enablers - Infrastructure | *X* |
| Enablers - Finance |  |
| Themes – Outstanding student experience | *X* |
| Themes – Global Impact |  |
| Themes – Lifelong community |  |
| Themes – Social responsibility |  |
| Themes – Partnerships |  |
| Themes – Equality & widening participation |  |

## SCORE FOR PORTFOLIO COMPARISON (TO BE COMPLETED BY APPS & PARTNER TOGETHER)

|  |  |  |
| --- | --- | --- |
| Programme Priority (per [separate guidance](https://www.wiki.ed.ac.uk/display/insite/Guidance+for+Programme+and+Portfolio+Prioritisation+of+Proposals+in+3-Year+Planning)) | *2* | |
| Overall Priority  (per [separate guidance](https://www.wiki.ed.ac.uk/display/insite/Guidance+for+Programme+and+Portfolio+Prioritisation+of+Proposals+in+3-Year+Planning)) | *1* | |
| Programme Scoring (per [separate guidance](https://www.wiki.ed.ac.uk/display/insite/Guidance+for+Programme+and+Portfolio+Prioritisation+of+Proposals+in+3-Year+Planning)) | *1.Alignment with University Strategic Plan/Business Objectives* |  |
| *2.Risk of not doing the project* |  |
| *3.Benefits relative to cost* |  |
| *4.Time to deliver tangible benefit* |  |
| *TOTAL SCORE* |  |

## ESTIMATION (TO BE COMPLETED BY APPS & PARTNER TOGETHER)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Estimation Types: Select the relevant option(s) – each option must be estimated separately | | | | |
| *Business Case / Options Appraisal (BUS)* | |  | *Software Development (in-house) (SWD)* |  |
| *IT Solution Procurement (BUY)* | |  | *Agile Software Development (in-house) (AGL)* |  |
| *3rd Party IT Solution Implementation (IMP)* | |  | *Software Development and Configuration within Student Systems Partnership (SSP)* |  |
| *IT Infrastructure (TEC)* | | *x* |  |  |
| Estimated IS Apps Days  (see additional guidance\*) | | *M* | Estimated Business Partner Days | *n/a* |
| Estimated Service  Management Days | | *n/a* | Impact on other Service area | *n/a* |
| Estimation Confidence *(delete as required)* | *Reasonably Confident (Similar to previous work)* | | | |
| Estimation References | *Justification for the Estimated Days and Estimation Confidence. This section is also used to provide any other relevant information the proposal estimate. This may include:*   * *Assumptions about the project approach, scope or deliverables* * *Details of previous similar projects* * *Risks or other unknown elements*   *Record as many details as are relevant* | | | |

**\*Estimation – Additional Guidance:**

For our 1st stage / iteration of the Plan / Red Line, the following standard estimation categorisations will be used:

* Small – this is based on average expected outturn of around 50 days (+ or – 20%)
* Medium – this is based on average expected outturn of around 100 days (+ or – 20%)
* Large – this is based on average expected outturn of around 200 days (+ or – 20%)
* Extra Large – this is based on average expected outturn of around 400 days (+ or – 20%)

Individual proposal allocations will be made using the expected outturn figure and an allocation equivalent to 20% of each estimate will be added as Contingency to each Programme.