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**BACKUP SOLUTION**

**CLOSING DATE FOR RESPONSES – 5PM, OCTOBER 30TH**

1. **BACKGROUND**

The National Archives (TNA) is the official archive and publisher for the UK government, and for England and Wales. Its role is to collect and secure the future of the government record, both digital and physical, to preserve it for generations to come, and to make it as accessible and available as possible. It is based in Kew, South West London. More information on TNA can be found at [www.nationalarchives.gov.uk](http://www.nationalarchives.gov.uk)

With an increased emphasis on technology, TNA faces the challenge of delivering reliable and publicly accessible IT services with limited resources and budgetary constraints. To meet this challenge, TNA has reviewed its technology provision to highlight risks associated with the existing services, systems and infrastructure. It has also identified changes required to position the IT function so that it can respond to business drivers and demands for the next four years.

1. **OBJECTIVE**

The objective of this tender exercise is to procure, deploy and transition to a disk and cloud based backup solution. The solution is to replace a legacy tape based backup solution critical to protecting the organisation’s corporate services, public services on-site - including limited web services - and the organisation’s commercial activities.

The solution must meet the following objectives:

* *To provide a resilient, agile and secure back up model*
* *To be more efficient and cost-effective in operating our IT services*
* *To provide greater resiliency and better disaster recovery capability*
* *To ensure all systems, hardware and applications are current and supported*

1. **THE REQUIREMENT**

The requirement is for a backup solution including a local backup appliance and **all software required**. The solution must backup all data including Virtual Machines, Physical Servers and File Storage.

The proposed architecture for the solution is as follows:



The solution must allow archiving to public cloud providers including Amazon Web Services and Microsoft Azure, and all necessary licensing and hardware must be included.

The solution must allow deduplication and compression to efficiently store data volumes.

To cater for current and future data volumes, the backup solution must provide a local backup appliance with greater than 240TB of usable storage (not RAW).

The solution must have as a minimum 8 x 10GbE optical ports to interface to our trusted and untrusted domains.

The solution must meet current and future estimated data volumes, as specified in the attachment below:



TNA has reviewed the backup solution market and has identified three solutions (below) that are the best fit for its complex backup requirements. Where newer or more capable models for the solution are available, they will be considered.

|  |  |
| --- | --- |
| **Manufacturer** | **Appliance** |
| Dell EMC | Data Domain 6800 |
| NetBackup | NetBackup 5240 |
| Asigra | Appliance |

1. **HOW TO RESPOND**

Please submit your response to [procurement@nationalarchives.gsi.gov.uk](mailto:procurement@nationalarchives.gsi.gov.uk) by **5pm on October 30th**, providing the information below. If you have any clarification questions about the requirement, please submit these to [procurement@nationalarchives.gsi.gov.uk](mailto:procurement@nationalarchives.gsi.gov.uk)

* A description of your proposed solution.
* A performance summary of your proposed solution, including estimated utilisation.
* Your proposed implementation plan.
* Fixed prices for all the products and services that you will provide in *each* year of the contract. ***Please note that TNA is considering awarding the contract for a three year period, a four year period or a five year period; as such, please supply annual prices for each of those three scenarios. Please further note that*** ***TNA*** ***wishes to spread the cost of the contract as evenly as possible across the length of the contract.***
* A clear description of what products and services will be delivered within those prices.
* Please ensure that your pricing includes (at a minimum) the following. Subscription based models that are comprehensively priced will be considered.
  + All licenses required.
  + Comprehensive support services, including the replacement of faulty hardware and disks. Support pricing should be provided for both 24/7 and standard working day options.
  + All professional services required to install and configure your proposed solution.
  + All professional services required for active engagement with TNA technical staff during the transition process.
  + All professional services required for documentation and handover of your proposed solution.
* The rate card that will apply for any additional professional services which TNA may wish to commission over the length of the contract.
* The pricing that will apply for adding additional capacity during the contract period.
* Any assumptions you have made in designing and/or pricing your proposed solution.

Please note that the information you supply in your response may be used, in whole or in part, to populate the Contract. As such, please make clear and unambiguous statements about the commitments you are making.

1. **BUDGET**

The complete solution - including (but not necessarily limited to) all hardware, software, delivery, support and professional services - must not exceed a total price of £300,000 (ex VAT) for a three year contract, £400,000 (ex VAT) for a four year contract, and £500,000 (ex VAT) for a five year contract.

1. **EVALUATION CRITERIA**

Tender submissions will be evaluated using the following criteria.

* Quality 50%
* Price 50%

1. **CONTRACT TERMS**

The Contract, and any subsequent Contract variations, will be governed by the Contract terms and conditions published at <http://www.nationalarchives.gov.uk/about/commercial-opportunities/information-for-our-suppliers/>

Please note that the information you supply in your tender submission may be used, in whole or in part, to populate the Contract. As such, please make clear and unambiguous statements about the commitments you are making.