



Department of the Taoiseach

Roinn an Taoisigh

**eCabinet Server and Data Storage Infrastructure
Virtualisation**

Request for Proposals

November 2009



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1. Introduction, Purpose and Scope

1.1 Introduction

This document is a request for proposals for the provision of server and iSCSI SAN hardware, virtualisation software and implementation and support services to virtualise the existing server and related hardware and software infrastructure used to run the eCabinet application by a skilled and experienced provider of such services.

In summary, the services under this contract will include:

- Provision of new servers
- Provision of iSCSI SAN
- Provision of virtualisation software
- Installation and commissioning of hardware and software infrastructure
- Creation of template virtual servers for the various types of server to allow a new version of the eCabinet system to be implemented
- Provision of hardware maintenance and support
- Provision of software maintenance and solution support
- Provision of solution documentation
- Provision of solution training and handover to Department personnel

The information in this document is confidential to the Department of the Taoiseach and to those companies to which it has been sent. The full terms of the use of this information are contained in this document.

1.2 Communication and Contact Details

Vendors should submit 5 hard copies and 1 electronic copy in MS Word 2003/2007 format, of their proposal to:

Mr Cathal Hunter,
Government Secretariat,
Department of the Taoiseach.
Government Buildings,
Upper Merrion St,
Dublin 2.
Email: cathal.hunter@taoiseach.gov.ie

The format for tenders is specified in section 3.2 on page 21 of this document. These must be adhered to so that vendors can be assured that their proposals will be included in the evaluation process.

Responses should be marked %Department of the Taoiseach eCabinet System Virtualisation Response+and must arrive no later than the **12.00 noon on 27 November, 2009.**

Note that the Department of the Taoiseach is prohibited by public procurement guidelines from accepting proposals after the closing date and time of the tender.



Tenders received after the exact date and time specified in this document or that has been subsequently changed and published will be returned unopened.

1.3 RFP Expected Schedule

The following is an indicative schedule for the main milestones associated with this tender:

Milestone	Expected Date to be Completed By
RFP Issued	9/11/2009
Deadline for Questions	20/11/2009
Responses Due	27/11/2009
Vendor Selection and Notification	11/12/2009
Hardware and Software Installation, Commissioning and Testing, Provision of Documentation and Training	By end 2009
Installation of New Version of the eCabinet System	Early 2010

The Department of the Taoiseach intend to adhere to this schedule as strictly as possible.

1.4 Terms and Conditions

The Department of the Taoiseach will not be responsible for any costs associated with the preparation and submission of the response to this tender.

The Department of the Taoiseach reserves the right to select any proposal, no proposal or part of one or more proposals. The evaluation criteria are set out in section 4 Evaluation of Responses and Selection Criteria on page 29 of this document.

The Department of the Taoiseach reserves the right to amend the proposed timescales or terminate the selection process at any time prior to finalisation of the contractual arrangements.

The Department of the Taoiseach requires that the services provided meet the requirements as set out in this document. These will be subject to a formal contract for services.

The Department of the Taoiseach requires implementation services to meet the requirements as set out in this document.

A response from any group of vendors should disclose any contractual and other agreements reached between those parties whether generally or for the purpose of preparing a response for the Department of the Taoiseach. The party acting as primary vendor should be identified.

This document and any other material supplied by the Department of the Taoiseach under this tendering process are the property of the Department of the Taoiseach, may be used only for the purposes of responding to this tender and are not to be disclosed to third parties without the prior approval of the Department of the Taoiseach.



1.5 Awarding Authority and Basis of Award

The awarding authority is the Department of the Taoiseach.

The basis of award will be the most economically advantageous tenders according to the evaluation factors specified. The Department of the Taoiseach is not obliged to accept the lowest prices or any tender.

The Department of the Taoiseach is not obliged to purchase any quantity of any product or service under the contracts.

The Department of the Taoiseach is not obliged purchase any product or service not covered by the scope of the tender.

1.6 Ethics

Any conflicts of interest involving a vendor, any member of a consortium bid, proposed partners or sub-contractors must be fully disclosed to the Department of the Taoiseach, particularly where there is a conflict of interest in relation to any recommendations or proposals put forward by the tendering body.

Any declarable interest involving the vendor, vendors, partners, subcontractors or others involved in the submission of the vendor's proposal and any employee of the Department of the Taoiseach or any person connected to them, must be fully disclosed in response to this RFP, or should be communicated to the Department of the Taoiseach immediately upon such information becoming known to the vendor, in the event of this information only coming to their notice after the submission of a bid and prior to the award of the contract. The terms *declarable interest*, *employee* and *connected person* will be interpreted as per Section 166 of the Local Government Act, 2001.

1.7 Confidentiality

All documents issued and information given to the vendors shall be treated as confidential. Vendors shall not release details of the tender documents other than on a *Confidence+* basis to those who have a legitimate need to know or whom they need to consult for the purposes of preparing their tenders.

It is the policy of the Department of the Taoiseach with respect to notifying unsuccessful vendors to limit any discussion, whether in writing or in post-award meetings, to the specific vendor's proposal. As a rule, only the successful vendor will be named, either publicly or in meetings or correspondence with unsuccessful vendors. The Department of the Taoiseach does reserve the right to release details of all tenders where it deems it appropriate to do so. The commercial interests of all vendors will be preserved insofar as far this is as possible, including the confidentiality of the terms and conditions of the successful proposal where the successful vendor requests it.



1.8 Freedom of Information

Your attention is drawn to the fact that all records received in relation to Tenders for Contracts with the Department of the Taoiseach may be subject to requests for information under the Freedom of Information Act, 1997 which came into force on 21st October, 1998 (including records of Contractors in relation to work carried out by them for the Council).

The Department of the Taoiseach undertakes to use its best efforts to hold confidential information provided by any or all vendors subject to the Council's obligations under law, including the above Act.

Any information supplied with a tender that is considered by the vendor to be sensitive and not for release should be identified by the vendor and the reasons for its sensitivity specified.

The Department of the Taoiseach will consult with a vendor before making a decision on any Freedom of Information request received in relation to any such sensitive information. Following consultation the Department of the Taoiseach may decide to release the information despite the expressed concern of the vendor. In the event of the Department of the Taoiseach making such a decision a vendor may appeal to the Information Commissioners who will subsequently decide whether or not the information is to be released.

If no information is identified as sensitive, with supporting reasons and a request relating to it is received under the Freedom of Information Act, the information is likely to be released.

1.9 Notification of Intend to Respond to this Tender

Parties that intend to respond to this tender should register their interest on <http://www.eTenders.gov.ie>. Registration is free and by doing so prospective Vendors will be kept informed of any updates to the tender process, changes to and additional documentation and responses to questions

1.10 Tender Process

The Department of the Taoiseach will conduct the competition in accordance with the Open Procedure of Council Directive 2004/18/EC.

1.11 Tender Costs

Vendors shall bear all costs associated with the preparation and submission of their tenders, including any attendances, deliveries, collections or research required as part of this tender or in response to any requests for clarification, and the Department of the Taoiseach shall not be responsible or liable for any costs or expenses regardless of the conduct or outcome of the tender process.



1.12 Tender Receipt and Registration

All tenders received by the Department of the Taoiseach in the correct delivery format will be registered and kept secure until the formal opening.



2. Department of the Taoiseach eCabinet System Infrastructure

2.1 Introduction

The purpose of the tender process is to select a skilled and experienced provider of Information Technology services to virtualise the existing physical infrastructure on which the eCabinet system operates.

The Department's objectives in implementing a virtualised infrastructure include:

- To reduce the number of existing physical servers, to prevent server sprawl and to have all servers situated in one designated server room requiring a smaller footprint than currently used
- To utilise the benefits of virtualisation or equivalent technology in order to create efficient testing and development environments
- To take advantage of lower running costs, including reduced power consumption
- To implement any other potential benefits that may arise through the introduction of new hardware and virtualisation technology
- To free existing eCabinet infrastructure for use elsewhere in the Department

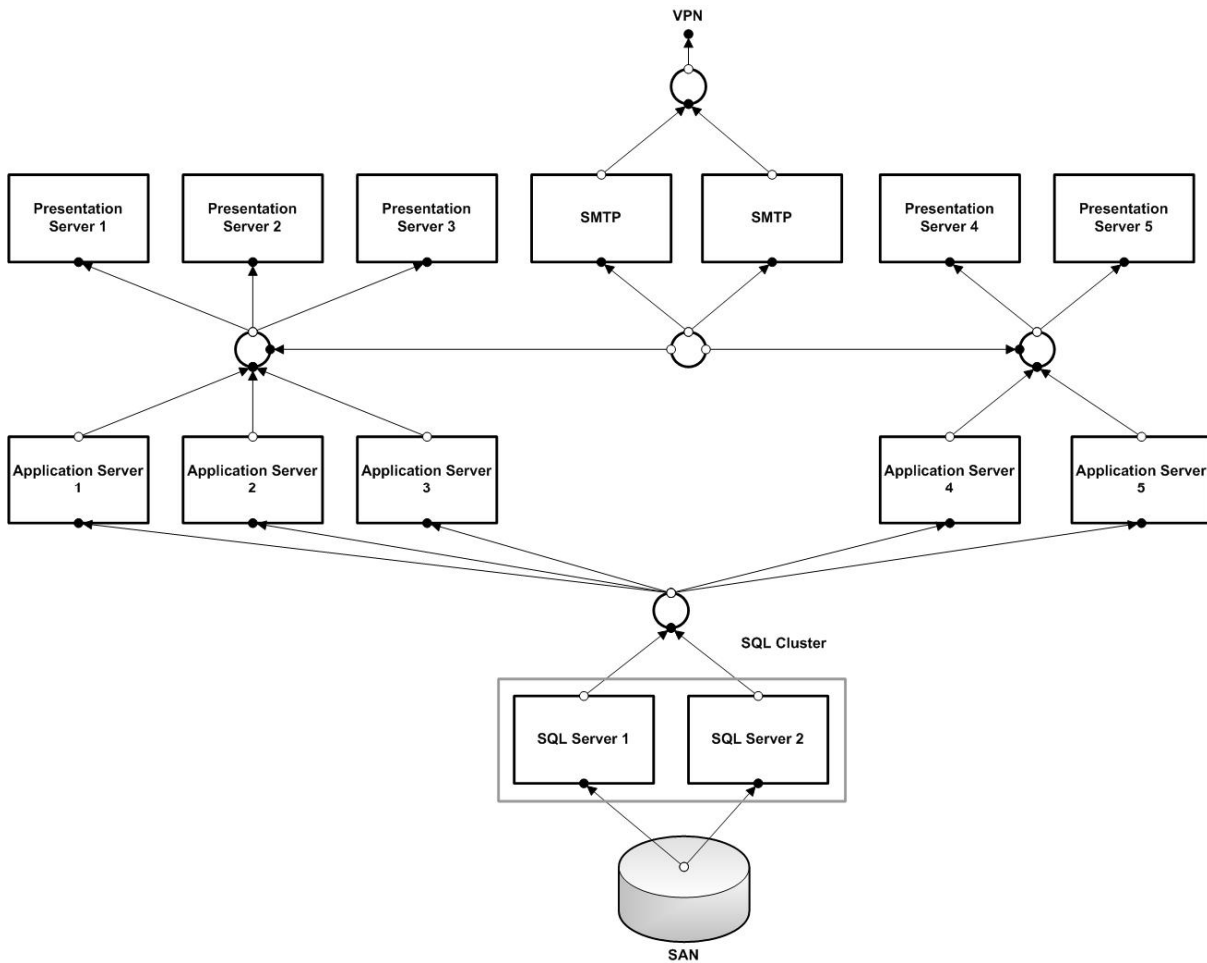
2.2 Existing eCabinet System Infrastructure

The information presented here is provided to enable the effort required to convert the existing infrastructure to a virtualised configuration to be estimated. The Department expects that a skilled and experienced provider of infrastructure services will be able to accurately estimate the effort required based on this information.

Note that the new virtualised infrastructure will be used to implement a new version of the eCabinet system. The existing physical servers will remain in place until the new version of eCabinet goes live.

This information is provided for information. The requirement is to replicate this configuration with new virtual servers.

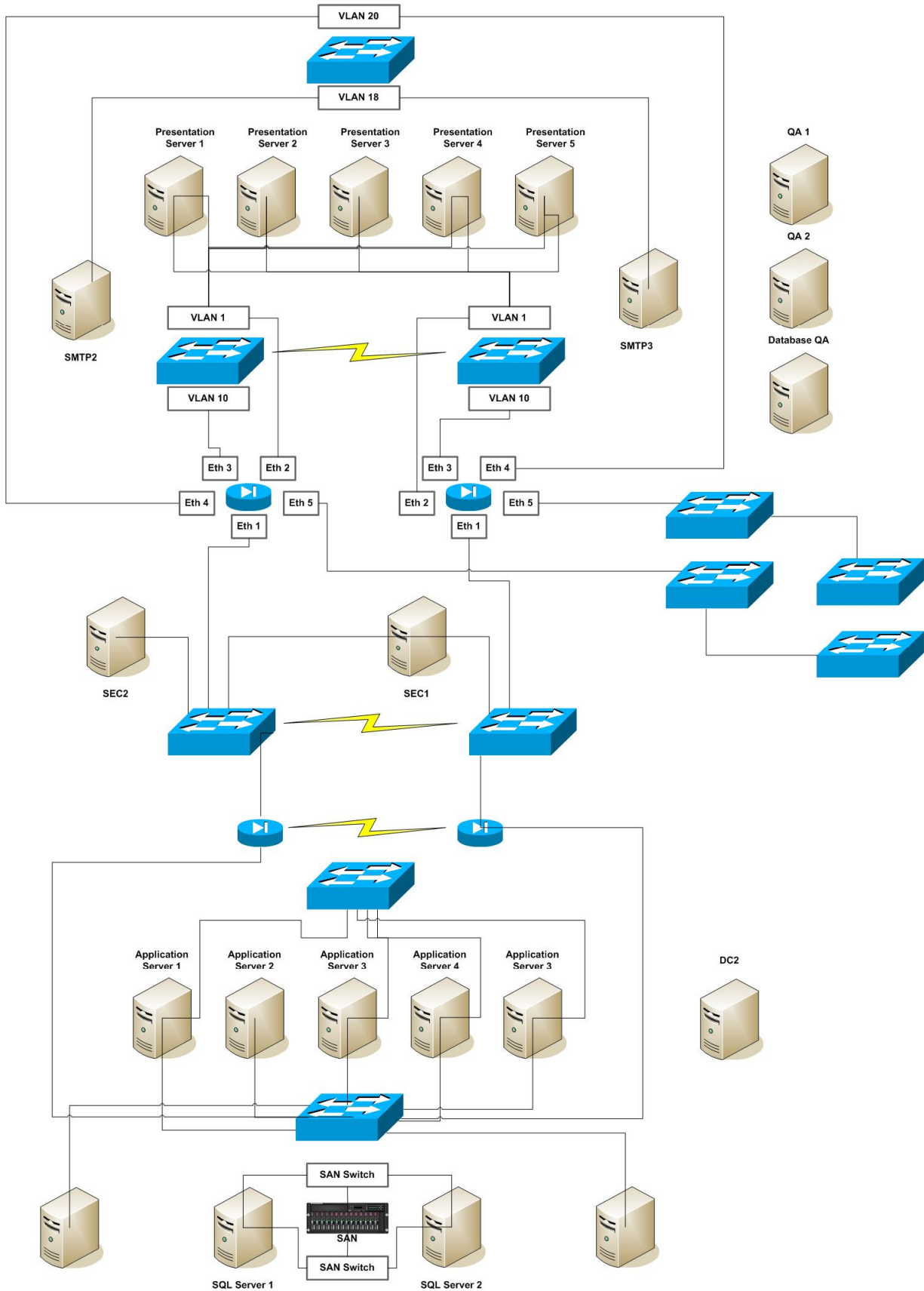
Logically, the infrastructure of the eCabinet consists of:



The infrastructure on which the eCabinet system operates consists of the number of application layers:

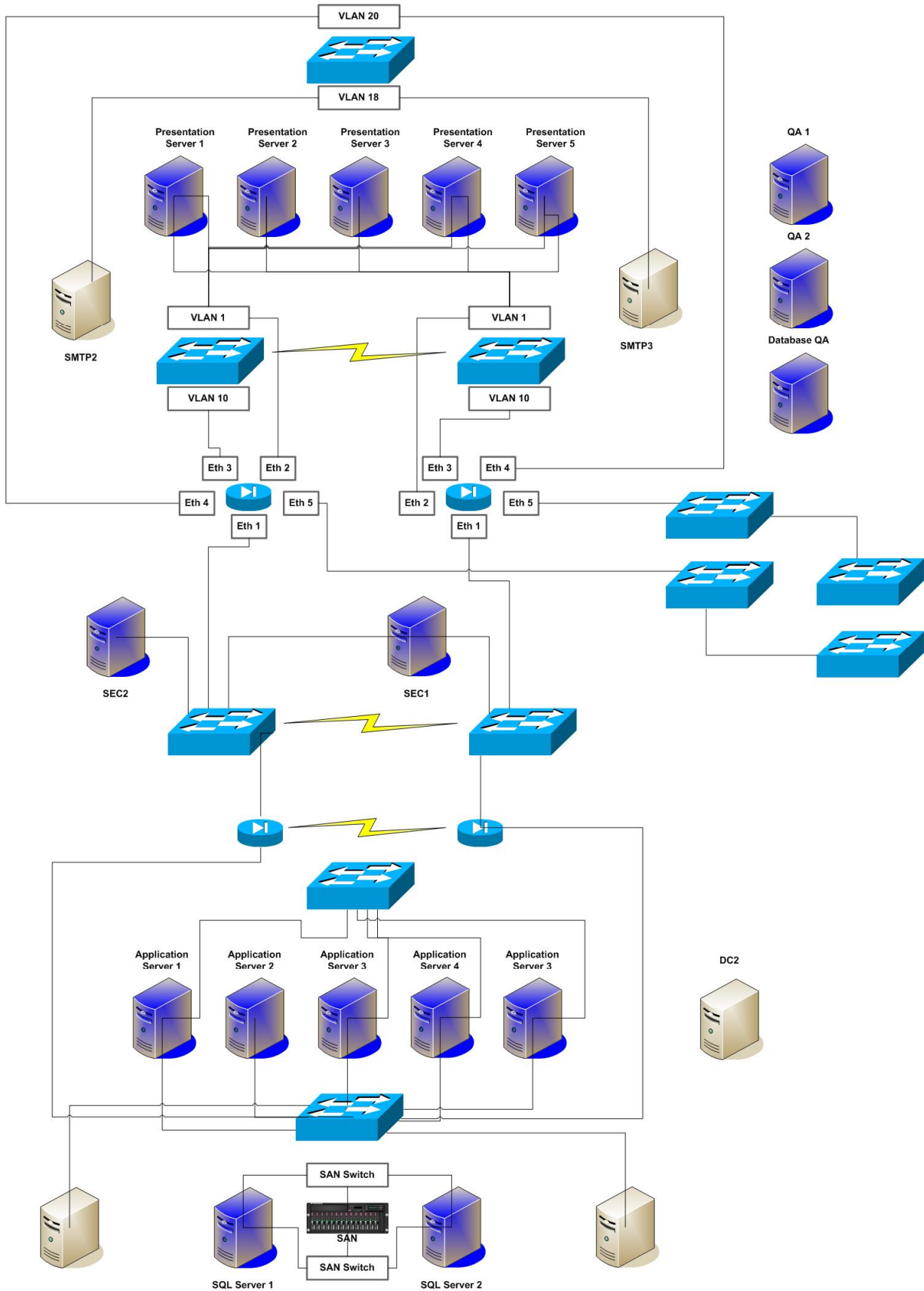
1. **Presentation** - this consists of five presentation servers in two sets, one of two and one of three
2. **Mail** - this consists of two SMTP servers configured to operate with Network Load Balancing
3. **Application** - this consists of five application servers in two sets, one of two and one of three
4. **Database** - this consists of two servers running SQL Server configured in a cluster

Schematically, the physical infrastructure (at a high level) consists of:





The servers whose function is in scope for virtualisation are marked in the following diagram in blue:





The virtualisation of the SQL Server cluster will be considered by the Department depending on recommendations received from vendors.

The Department is aware of the complexity associated with the virtualisation of Microsoft Clusters. Vendors should quote for the virtualisation of this component of the infrastructure separately.

The configuration of these servers is specified in section 5 on page 33 of this document.

2.3 Information on the eCabinet Application

The eCabinet system electronically supports the process, from beginning to end, of drafting memoranda for submission to Government, consulting other Government Departments about them, and finalising them and submitting them to Government and the subsequent recording and issue of Government decisions.

In doing so eCabinet enables secure, collaborative and concurrent review of documents within and among all 15 Government Departments, catering for over 6,000 registered users on a 24/7 basis and eliminating the need for manual copying and distribution. Applying web-based services and XML technology it provides a live and seamless system that overcomes interoperability issues and diverse technical infrastructures.

The key-stakeholders are the Government Secretariat in the Department of the Taoiseach and all other Government Departments. The Government Secretariat co-ordinates the business of Government, including the preparation of the agenda for Government meetings, the circulation of finalised memoranda to Departments and the communication of decisions. The eCabinet application enables the Government Secretariat to carry out these functions.

Further detailed information on eCabinet is available at:

http://www.taoiseach.gov.ie/eng/Publications/Publications_Archive/Publications_2007/Cabinet_Handbook.html

It is not necessary for the vendor to have any knowledge of the application other than to know that it runs on standard Windows server infrastructure.

2.4 Backup

The Department uses CommVault backup software with CommVault agents installed on servers. The Department will in the short-term at least, continue to use this mode of backup but may move to some form of virtual consolidated backup in the future as an alternative or in parallel. There is no requirement to include backup software or services in the response to this tender.

2.5 Encryption

The Department uses NetLib Sql encryption software on eCabinet and will in the short-term at least, continue to use this software. The current encryption software providers will be responsible for all encryption related matters in the new environment. There is no requirement to include encryption software or services in the response to this tender.



Department of the Taoiseach
Roinn an Taoiseach

eCabinet Server and Data Storage Infrastructure
Virtualisation Request for Proposals



Statement of Requirements of the Department of the Taoiseach

2.6 Introduction

This document is a request for proposals for the provision of server and iSCSI SAN hardware, virtualisation software and implementation and support services to virtualise the existing server and related hardware and software infrastructure used to run the eCabinet application by a skilled and experienced provider of such services.

In summary, the services under this contract will include:

- Provision of new servers
- Provision of iSCSI SAN
- Provision of virtualisation software
- Installation and commissioning of hardware and software infrastructure
- Creation of template virtual servers for the various types of server to allow a new version of the eCabinet system to be implemented
- Provision of hardware maintenance and support
- Provision of software maintenance and solution support
- Provision of solution documentation
- Provision of solution training and handover to Department personnel

The Department are considering a number of core options and may procure all or some of the elements specified, to best meet its business requirements.

1. **Option 1** - Virtualise new eCabinet presentation, application and test/QA servers and leave the existing SQL database servers as physical in a cluster of two servers
2. **Option 2** - Virtualise new eCabinet presentation, application and test/QA servers and virtualise the SQL database servers as a Microsoft cluster configuration
3. **Option 3** - Virtualise new eCabinet presentation, application and test/QA servers and migrate existing SQL database servers to new cluster of two servers as specified below.

2.7 New Virtualised Server and Storage Infrastructure

The Department of the Taoiseach are proposing to implement a virtualised infrastructure for the eCabinet system that will have the following minimum configuration:

Virtual Infrastructure Servers

At least four servers each with the following minimum configuration:

- Dual Quad Core CPUs. All processors must be 64 bit with multi-core and virtualisation support
- 6 x Physical Gigabit Network Interface Cards (NIC)
- Onboard Network Interface Cards must have Certified NIC Teaming Drivers
- 2 x Virtual Management LAN Ports
- 3 x Virtual Machine Production LAN Ports
- 1 x Backup LAN
- 2 x local hard disks in a mirrored configuration with 60GB usable space



- 64 GB ECC RAM. DIMM slots should be used in the most cost effective manner possible to allow future expansion.
- Servers will be dual-homed to provide fault-tolerance and high-availability
- All servers to be rack mountable using standard 19+generic rack enclosures
- All servers shall be supplied with dual Hot-Swappable redundant power supplies
- Energy efficient design for lower power consumption and cooling
- Out of Band Remote Access Management Hardware. Servers must support remote management and should not require a site visit to apply patches, to carry out upgrades, to monitor or to manage.
- Integrated RAID Controller . supporting raid levels 0,1 & 5
- On board system diagnostics
- Diagnostics utilities and management software tools
- 3 year same-day on-site hardware replacement warranty as a minimum
- Servers will be certified for use with a range of operating systems, virtualisation software and databases.
- Servers must be highly available, redundant and resilient

Optional Database Servers

If the Department select **option 2** above, two of the following servers will be bought:

- Dual Quad Core CPUs. All processors must be 64 bit with multi-core and virtualisation support
- 6 x Physical Gigabit Network Interface Cards (NIC)
- Onboard Network Interface Cards must have Certified NIC Teaming Drivers
- 2 x Virtual Management LAN Ports
- 3 x Virtual Machine Production LAN Ports
- 1 x Backup LAN
- 2 x local hard disks in a mirrored configuration with 60GB usable space
- 32 GB ECC RAM. DIMM slots should be used in the most cost effective manner possible to allow future expansion.
- Servers will be dual-homed to provide fault-tolerance and high-availability
- All servers to be rack mountable using standard 19+generic rack enclosures
- All servers shall be supplied with dual Hot-Swappable redundant power supplies
- Energy efficient design for lower power consumption and cooling
- Out of Band Remote Access Management Hardware. Servers must support remote management and should not require a site visit to apply patches, to carry out upgrades, to monitor or to manage.
- Integrated RAID Controller . supporting raid levels 0,1 & 5
- On board system diagnostics
- Diagnostics utilities and management software tools
- 3 year same-day on-site hardware replacement warranty as a minimum
- Servers will be certified for use with a range of operating systems, virtualisation software and databases.
- Servers must be highly available, redundant and resilient

If the Department select **option 3** above, two of the following servers will be bought:

- Dual Quad Core CPUs. All processors must be 64 bit with multi-core and virtualisation support
- 2 x Physical Gigabit Network Interface Cards (NIC)
- Onboard Network Interface Cards must have Certified NIC Teaming Drivers



- 2 x Virtual Management LAN Ports
- 3 x Virtual Machine Production LAN Ports
- 1 x Backup LAN
- 2 x local hard disks in a mirrored configuration with 60GB usable space
- 8 GB ECC RAM. DIMM slots should be used in the most cost effective manner possible to allow future expansion.
- Servers will be dual-homed to provide fault-tolerance and high-availability
- All servers to be rack mountable using standard 19+generic rack enclosures
- All servers shall be supplied with dual Hot-Swappable redundant power supplies
- Energy efficient design for lower power consumption and cooling
- Out of Band Remote Access Management Hardware. Servers must support remote management and should not require a site visit to apply patches, to carry out upgrades, to monitor or to manage.
- Integrated RAID Controller . supporting raid levels 0,1 & 5
- On board system diagnostics
- Diagnostics utilities and management software tools
- 3 year same-day on-site hardware replacement warranty as a minimum
- Servers will be certified for use with a range of operating systems, and databases.
- Servers must be highly available, redundant and resilient

Virtualisation Software Platform

Virtualisation Software with the following capabilities:

- Hypervisor based virtualisation
- Highly available host interconnectivity
- Full support for iSCSI storage area networks
- Patch management facilities
- Support for scalable memory within virtual machines to at least 16 GB per virtual machine
- Support for virtual machines with up to 4 virtual CPU\$ per machine (or more)
- Support for live non disruptive migration of virtual machines from one physical server to another via user command
- Ability to dynamically add and remove physical servers from the virtual infrastructure without downtime
- Support for dynamic resource reallocation in response to resource constraints, subject to user definable constraints
- Support for automatic recovery of virtual machine in the event of a server failure
- Support for automatic recovery of virtual machine in the event of Guest OS failure
- Support for consolidated backup using common backup tools
- Support of Windows 2000, 2003 and 2008 servers
- Support of virtualisation of Microsoft Cluster Services
- Support of virtual server to physical server affinity and anti-affinity rules that can be applied to ensure that VM\$ reside on the same physical host (affinity) or not (anti-affinity)
- Support for NIC Teaming
- Provision of High Availability facilities
- Provision of management tool and interface, including the collection of virtual server performance and utilisation information . the management tool should provide the following features:
 - Ability to deploy new Virtual Machines from predefined templates
 - Cloning of Virtual Machine



- Ability to send alerts and notifications on events and thresholds
- Performance and resource utilisation data collection
- Security controls
- 3 year software maintenance and support

At this stage the Department may or may not implement a separate virtualised infrastructure control facility. The centralised management software tools for the virtualisation platform must be included in the proposal but as an option. If this happens, the Department would either implement this as a virtual server or run the software on an existing server (such as the server than runs CommVault) or run the software on a new low cost server.

iSCSI SAN

Shared Disk . The iSCSI SAN must have the following features:

- Up to 5 TB usable disk space . scalable to at least 20 TB
- Dual controllers for redundancy with a total of at least 4 GB battery-backed memory
- Dual iSCSI Switches for failover purposes and future expansion
- At least 4 x Gb Ethernet Network Interfaces
- Automated controller failover
- RAID Support . Automatic RAID 5, RAID 6, RAID 10 and RAID 50
- Rack Mountable . Solution must be fully rack mountable and supported within standard 19+ rack enclosures
- Fully redundant power, with battery backup for data cache
- Energy and power saving features
- Redundant Pair of iSCSI 24-Port Gb Switches for failover purposes and future expansion. The switches must be optimised for iSCSI storage.
- Field upgradable with little or no downtime

In their responses, vendors should briefly indicate how their proposed solution meets or exceeds these requirements. Vendors should briefly describe the upgrade path and options available and provide indicative costs.

Vendors should provide brief details on the following capabilities of the iSCSI storage solution:

- LUN Snapshots and Copy
- iSCSI SAN management software
- Diagnostics and alerting

2.8 Virtualisation Implementation Services

The scope of the virtualisation implementation services will be:

1. The provision of server hardware, new operating system and virtualisation software to support the Department's eCabinet application and associated communications systems. The production servers must delivery good performance, be highly available and scalable and configured for the virtualised environment.
2. The installation, commissioning and testing of the hardware and software infrastructure and the verification of its operation.



3. The creation of template virtual servers for the various server types
4. Documentation on the configuration and operation of the entire system
5. Provide on the job training for up to three technical personnel from the Department
6. Verification of the operation of the creation of virtual servers from templates
7. Verification of the operation of CommVault backup
8. Work with the developer of the eCabinet application to assist in putting the new version live - this will not take place until 2010

Vendors should quote for the following options separately and individually:

1. Implementation of SQL Server 2005/2008 in a clustered environment
2. Implementation of a separate virtualised infrastructure control facility - if this option is selected the Department would either implement this as a virtual server or run the software on an existing server (such as the server than runs CommVault) or run the software on a new low cost server. The vendor should make recommendations on their view of the best approach to do this.
3. Provision of help desk and second-level support services support for the overall system - this will be to provide access to technical resources to assist in problem determination and resolution

2.9 Implementation Date

The Department requires that all the hardware and software be installed, implemented, configured, tested and operational by the end of 2009.

The new eCabinet application will be installed in 2010 but the virtualised infrastructure must be available in advance to enable testing.



3. Contents and Format of Response

3.1 Responding to This Tender

Respondents must explain in detail how their proposed service solution addresses the requirements of the Department of the Taoiseach.

Respondents must avoid the following in their responses:

- Use of the word *yes* with no explanation
- An indication that a requirement is standard with no elaboration
- Use of the term *yes/compliant/ standard* and referring to a section of a brochure
- Referring the reader to a response already furnished to another requirement; i.e. cross-referencing should be avoided.

Responses should be kept brief and factual. Additional material such as detailed product specifications should be moved to appendices.

3.2 Layout of Response

The response to this tender must follow the guidelines below:

3.2.1 Section 1 - Management Summary

The management summary should contain the following:

- General information
- Implementation approach
- Financial analysis
- Assumptions
- Project risks and actions to mitigate/circumvent
- Plan
- Documentation and training

This section should summarise briefly all salient elements of the proposal.

3.2.2 Section 2 - Company Information

This should include the following

- Name, address, e-mail address, telephone and fax numbers of the respondent company.
- Name, telephone number and e-mail address of person(s) dealing with response.
- If proposals are being made by consortia, they must appoint a prime contractor who will assume overall responsibility for the delivery of the system and the signing of the contract



- A brief description of the company must be given together with an overview of its product portfolio, current market focus and strategic direction.
- Details of relevant customers from the company's existing customer base must be provided. These may include, for completeness, products and services outside the scope of this tender. The percentage revenue (or similar indication) obtained from the different product lines and services must be included.
- Respondents must supply the following details of similar implementation and projects they have worked on. If the Department of the Taoiseach can contact the customer, the following contact details should be supplied:
 - Organisation
 - Contact in company for which site was designed
 - Implementation date
 - Hardware, database and software configuration
- Details of which portion, (if any), of the services the respondent may intend to sub-contract is also required.
- A financial profile for the last three financial years must be provided to include independently audited certified accounts.

(For consortia, details of each company must be given, as specified below, together with details of any prior partnership arrangements for similar projects over the past 3 years.)

3.2.3 Section 3 - Original Equipment Manufacturer Certifications

Vendors must supply details regarding the levels of authorisation and certification they have to sell and support the proposed hardware and software:

- Statement of authorisation from the manufacturer/supplier body showing that the vendor has the required permission to sell and support the proposed products in Ireland
- Details of the certification levels available from the manufacturer relating to the sale and support of the proposed products
- The current certification level attained by the vendor
- Any certifications held by the vendor's personnel
- The date from which that certification level applies

3.2.4 Section 4 - Statement of Understanding of Requirements of the Department of the Taoiseach

This should very briefly summarise your understanding of our requirements.

3.2.5 Section 5 - Approach to Implementation of Virtualised Infrastructure

This should include details on your:

- Approach to the virtualised hardware and software system implementation
- Approach to meeting the requirements of the Department



- Description of the configuration and operation of the core virtualisation infrastructure including interfaces to external components such as backup
- Description of the configuration and operation of the optional components

3.2.6 Section 5 - Implementation Plan

This should detail your plan to implement the project. This should include details on all tasks and activities involved in the implementation including testing, commissioning, training and documentation.

This should include details on what resources are required from the Department and when they will be required during the project.

3.2.7 Section 6 - Training

Vendors must provide details of the training programmes they provide or will arrange, including custom training in addressing the Departments requirements.

3.2.8 Section 7 - References

Vendors must supply at least three references from customers to whom they have delivered similar products and services over the last three years.

This information should include:

- Name
- Title
- Organisation
- Address
- Telephone
- e-mail
- Description of project

Vendors should note that the Department may confirm the details in the references by direct contact with the referee.

3.2.9 Section 8 - Statement of Risks, Assumptions, Issues and Dependencies

This should list any risks, assumptions, issues and dependencies you have identified.

3.2.10 Section 9 - Support Service

Vendor must supply the following details in regard to the technical support service included in the price of the solution and details on the optional



- The contact channels available, e.g. web, e-mail, telephone
- Escalation levels for issue resolution from initial telephone contact to onsite attendance
- Number of support personnel at each level from initial telephone contact to onsite attendance
- Number of personnel available for on-site support in Dublin
- Minimum qualifications of support personnel at each level, particularly for onsite support personnel
- Minimum experience of personnel at each level, particularly for onsite support personnel
- Details of the remote support service available
- Details of the escalation procedures, particularly the criteria for escalation (e.g. on demand, after a defined period of time with no resolution, on certain conditions arising, etc.) and triggers for onsite support.
- Details of the onsite support service

This section should also include details on any enhanced warranty services available, noting that the Department may or may not choose to purchase them:

- Details of the enhanced warranty services that is available, such as reduced response times, etc.
- The cost of the services and the basis for calculating the cost (e.g. per item, per year, etc).

3.2.11 Section 10 - Financial Analysis

This should specify your costs for the required and optional items in the following format. You must adhere to this format for the core costs.

Item	Initial Purchase Cost	Individual Maintenance /Operating Cost for Year 1	Individual Maintenance /Operating Cost for Year 2	Individual Maintenance /Operating Cost for Year 3	Cost for Three Year Purchase
Required Items					
Virtual Infrastructure Server Hardware - Three Servers					
Database Server Hardware - Two Servers (If Option Selected)					
iSCSI SAN Hardware and Related Equipment					
Virtualisation Software					
Hardware and Software Implementation, Testing, Template Creation, Documentation, Training					
Optional Items					
Additional Virtualisation Server(s) - Per Server					
Additional Virtualisation Software - Per Server					
Virtualisation of SQL					



Cluster					
Virtualised Infrastructure Control Facility Software and Implementation					
Virtualised Infrastructure Control Facility Hardware					
Help Desk and Second Level Support					

Additional Items and Options	Initial Purchase Cost	Individual Maintenance /Operating Cost for Year 1	Individual Maintenance /Operating Cost for Year 2	Individual Maintenance /Operating Cost for Year 3	Cost for Three Year Purchase
Additional Items and Options - 1					
Additional Items and Options - 2					
Additional Items and Options - 3					
Additional Items and Options - 4					
Additional Items and Options - 5					
Additional Items and Options - 5					
Additional Items and Options - 7					
Additional Items and Options - 8					
Additional Items and Options - 9					
Additional Items and Options - 10					

Cells in grey should be left blank.

All prices must be quoted in euro and exclusive of VAT.

You can include any additional costs separately.

3.2.12 Section 11 - Sample Contract and SLA

If you wish, you can include a sample contract and SLA and/or comment on the outline contract and SLA provided by the Department of the Taoiseach if you feel it is relevant.

3.2.13 Appendices



Vendors may include any additional information they deem relevant in the form of appendices to the main proposal.

3.3 Queries about this RFT

Queries must be addressed by email only to the following:

Mr Cathal Hunter,
Government Secretariat,
Department of the Taoiseach.
Government Buildings,
Upper Merrion St,
Dublin 2.
Email: cathal.hunter@taoiseach.gov.ie

Queries must be received no later than **12.00 noon on 20 November, 2009** to be accepted.

3.4 Delivery of Responses

Vendors should submit 5 hard copies and 1 electronic copy in MS Word 2003/2007 format, of their proposal:

Mr Cathal Hunter,
Government Secretariat,
Department of the Taoiseach.
Government Buildings,
Upper Merrion St,
Dublin 2.
Email: cathal.hunter@taoiseach.gov.ie

Responses should be marked %Department of the Taoiseach eCabinet System Virtualisation Response+and must arrive no later than the **12.00 noon on 27 November, 2009**.

3.5 Validity of Tender

The Vendor will agree to leave their tender open for three months after the closing date for receipt of tenders. All terms offered in the tender will remain valid for this time.

3.6 Miscellaneous

3.6.1 Consortia Responses

Where it is proposed that the system is to be developed by more than one respondent, responsibility for delivery and management of all aspects of the system must be documented and agreed between the prime contractor and the Registry.



3.6.2 Multiple Responses

Respondents may submit more than one response to this tender.

3.6.3 Costs Incurred in Preparing Responses to this Tender

The Department of the Taoiseach will not be liable in respect of any costs incurred by suppliers in the preparation of responses to the tender or any associated work effort.

3.6.4 Tax Clearance

3.6.4.1 Irish Resident Respondents

An Irish resident contractor must be in possession of a valid Tax Clearance Certificate for the duration of the contract.

Where a response is submitted jointly by a number of individuals or firms, or by a partnership, each participant will require tax clearance.

All Irish resident respondents must obtain Tax Clearance Certificates and quote the Certificate reference number in their responses.

3.6.4.2 Non-Resident Respondents

If the Respondent is not resident in Ireland, a Statement of Suitability must be obtained

3.6.4.3 Sub-Contractors

Each subcontractor who is expected to receive more than " 6,300 in payments from the contractor must also possess a Tax Clearance Certificate throughout the course of their contract.

3.6.5 Clarification

The Department of the Taoiseach reserves the right to seek clarification or verification of any information supplied by the contractor.

3.6.6 Confidentiality

This Request for Proposals contains proprietary and confidential information of the Department of the Taoiseach that is provided for the purpose of permitting the recipient to respond to the



associated functional specification. In consideration of receipt of this Request for Proposals and associated specification, the recipient agrees to maintain this information and any supplementary information obtained in meetings and other communications in confidence and not to copy or otherwise disclose this information to any person outside of the team responsible for preparing a response.

Vendors should state any confidentiality requirements of the information they provide in their responses.



4. Evaluation of Responses and Selection Criteria

4.1 Introduction

The Department will ensure a confidential, fair and even-handed evaluation of proposals. This evaluation will be based on the evaluation procedures set out in this section.

4.2 Contract Award

The awarding authority is the Department of the Taoiseach.

The basis of award will be the most economically advantageous tenders according to the criteria specified. The Department of the Taoiseach is not obliged to accept the lowest prices or any tender nor is it obliged to award the contracts.

4.3 Requests for More Information

Respondent may ask questions and look for clarification and additional information during the preparation of a response to this tend. Clarification information provided to any respondent will be shared between all companies to whom this tender has been distributed.

Requests for clarification from the Department of the Taoiseach should be addressed in writing only to the following:

Mr Cathal Hunter,
Government Secretariat,
Department of the Taoiseach.
Government Buildings,
Upper Merrion St,
Dublin 2.
Email: cathal.hunter@taoiseach.gov.ie

Queries must be received no later than **12.00 noon on 20 November, 2009** to be accepted.

Depending on the level of interest and the number of questions, the Department of the Taoiseach may hold a vendor conference where all interested parties can attend and ask questions about the tender and where responses to questions previously raised will be given.

All responses to requests for clarification will be provided in writing. Responses to questions from one supplier will be provided to all suppliers.

Respondents will be required to provide evidence of competence and experience of conducting similar projects by providing details of reference sites and contacts, and by demonstrating the presence of suitably experienced personnel on the project team. As part of the process of evaluating responses, site visits to other clients of the respondent may be required.



Respondents may also be required answer questions on their response, to attend meetings with and/or make presentations to the Department of the Taoiseach Project Evaluation Team.

The Department of the Taoiseach reserves the right to contact individual Respondents after the submission of respondent Proposals for the purpose of clarifying a Proposal to ensure mutual understanding.

4.4 Indicative Evaluation Schedule

The following is an indicative schedule for the evaluation process:

Milestone	Expected Date to be Completed By
RFP Issued	9/11/2009
Deadline for Questions	20/11/2009
Responses Due	27/11/2009
Vendor Selection and Notification	11/12/2009
Hardware and Software Installation, Commissioning and Testing, Provision of Documentation and Training	By end 2009
Installation of New Version of the eCabinet System	Early 2010

4.5 Evaluation Process

4.5.1 Overview

Tender evaluation will be in the following three phases:

1. **Preliminary Eligibility:** The first phase of evaluation of the responses will determine whether the tender meets the formal eligibility criteria set out in section 4.5.2 below. Only those tenders meeting the preliminary eligibility criteria will go forward to the second phase of the evaluation.
2. **Qualification Criteria:** The second stage of the evaluation will, as described in section 4.5.3 on page 31 below, involve an assessment of the vendor's capacity to fulfil the obligations of the contract.
3. **Award Criteria:** Each proposal that meets the Preliminary Eligibility and Qualification Criteria will be evaluated according to the criteria given in section 4.5.4 on page 31.

During the evaluation period clarifications may be sought in writing from vendors. Clarifications may include references from customers in support of particular aspects of a tender, whether such aspects are contained in the original submission or in subsequent responses to requests for clarification.

4.5.2 Preliminary Eligibility Factors



The basic requirements with which proposals must comply before being considered for evaluation are:

- **Delivery Date** - proposals must be submitted before the published delivery date.
- **Delivery Format** - the proposal must be in the required format.
- **Proposal Format** - the proposal must be in the required format.

4.5.3 Qualification Factors

Tenders that have met the eligibility factors will be assessed on the basis of the following qualification factors:

- Certified by the original equipment manufacturer to supply and install the proposed hardware and software in Ireland
- Three references that establish to the vendor's ability to provide the hardware, software and services required by the Department to the highest standards of quality

4.5.4 Award Criteria

The most technically competent economically advantageous respondent whose response satisfies or exceeds all specifications contained in this document and is determined to be the most economically advantageous to the Department of the Taoiseach taking into account all technical, security, performance, compatibility, cost and other considerations will be selected. The respondent shall be chosen using both objective and subjective criteria and cost will not be the sole determining factor.

In selecting a partner under this tender, the Department of the Taoiseach shall consider the following factors and associated weightings:

Evaluation Factor	Weight
The Experience, Financial Condition And Reputation Of The Respondent In The Provision Of Services Similar To That Documented In This Tender	15.00%
The Ability Of The Respondent To Provide a Solution That Meets The Department's Requirements, Simply, Effectively And Cost Consciously	10.00%
Quality and Technical Merit Of The Proposed Solution - Ease of Management of the Server, Storage and Virtual Infrastructure	30.00%
Technical Certification Of The Respondent and Range Of Skills And Experience Of The Respondent's Personnel	15.00%
The Total Cost Of The Solution, Including Hardware, Software, Implementation and Support	30.00%

The Department of the Taoiseach reserves the right not to select a partner as the Department of the Taoiseach sees fit.



4.6 Contract Considerations

The Department of the Taoiseach will consider the respondent to be the prime partner and the sole point of contact with regard to contractual matters. The respondent will assume sole responsibility for delivery of system and support services offered in its Proposal whether or not it is the manufacturer or producer of them.

In moving to a contract the Department of the Taoiseach will wish to discuss issues with the successful respondent including:

- Governing Laws
- Subcontracting
- Assignment of Contract
- Ownership of Developed Software and Derivative Works
- Fitness
- Immunity From Liability
- Termination
- Liquidated Damages
- Insurance
- Non-Exclusive Rights

These above issues and others will be discussed as part of the evaluation and contracting process

The successful respondent will be expected to execute a Contract with the Department of the Taoiseach. The Contract between the Department of the Taoiseach and the respondent may include the following:

- The original tender
- Any addenda issued to the original tender
- The respondent's proposal
- A project statement of work
- Any mutually negotiated terms and conditions.

4.7 Proposal Acceptance or Rejection

The Department of the Taoiseach reserves the right to hold respondents strictly to the terms and conditions submitted in their responses and also reserves the right to accept or reject in whole, or in part, any or all responses to this tender.

Issue of this RFP in no way constitutes a commitment by the Department of the Taoiseach to select a partner.



5. Appendix 1 - Server Configuration Details

5.1 Introduction

This information is provided so vendors can understand the nature of the physical infrastructure on which the current eCabinet application operates. The servers will not be virtualised. New template virtual servers will be created that will perform the same functions as these servers.

The Department does not have access to server performance and utilisation information on the current servers. But these servers are adequate to meet the current workload. The resources provided to the new virtual servers should be at least the same as these physical servers.

5.2 Presentation Servers

Server Name	Presentation Server 1	Presentation Server 2	Presentation Server 3	Presentation Server 4	Presentation Server 5
On Domain	WORKGROUP	WORKGROUP	WORKGROUP	WORKGROUP	WORKGROUP
Domain Role	Standalone Server	Standalone Server	Standalone Server	Standalone Server	Standalone Server
Manufacturer	HP	HP	HP	HP	HP
Model	ProLiant DL380 G3	ProLiant DL380 G3	ProLiant DL380 G3	ProLiant DL380 G3	ProLiant DL380 G3
OS	Microsoft Windows 2000 Advanced Server v5.0.2195	Microsoft Windows 2000 Advanced Server v5.0.2195	Microsoft Windows 2000 Advanced Server v5.0.2195	Microsoft Windows 2000 Advanced Server v5.0.2195	Microsoft Windows 2000 Advanced Server v5.0.2195
Processor 0001 Name	Intel(R) Xeon(TM) CPU 2.40GHz	Intel(R) Xeon(TM) CPU 2.40GHz	Intel(R) Xeon(TM) CPU 2.40GHz	Intel(R) Xeon(TM) CPU 2.40GHz	Intel(R) Xeon(TM) CPU 2.40GHz
Processor 0001 Caption	x86 Family 15 Model 2 Stepping 7	x86 Family 15 Model 2 Stepping 7	x86 Family 15 Model 2 Stepping 7	x86 Family 15 Model 2 Stepping 7	x86 Family 15 Model 2 Stepping 7
Processor 0001 Current Clock Speed Mhz	2390	2388	2386	2391	2391
Processor 0002 Name	Intel(R) Xeon(TM) CPU 2.40GHz	Intel(R) Xeon(TM) CPU 2.40GHz	Intel(R) Xeon(TM) CPU 2.40GHz	Intel(R) Xeon(TM) CPU 2.40GHz	Intel(R) Xeon(TM) CPU 2.40GHz
Processor 0002 Caption	x86 Family 15 Model 2 Stepping 7	x86 Family 15 Model 2 Stepping 7	x86 Family 15 Model 2 Stepping 7	x86 Family 15 Model 2 Stepping 7	x86 Family 15 Model 2 Stepping 7



Server Name	Presentation Server 1	Presentation Server 2	Presentation Server 3	Presentation Server 4	Presentation Server 5
Processor 0002 Current Clock Speed Mhz	2390	2388	2386	2392	2392
Memory Stick 0001 MB	256	256	256	256	256
Memory Stick 0002 MB	256	256	256	256	256
Memory Stick 0003 MB	256	256	256	256	256
Memory Stick 0004 MB	256	256	256	256	256
Memory Stick 0005 MB	512	512	512	512	512
Memory Stick 0006 MB	512	512	512	512	512
Memory Stick 0007 MB					
Memory Stick 0008 MB					
Memory Speed Mhz	266	266	266	266	266
Total Memory Capacity Mhz	2048	2048	2048	2048	2048
Network Adaptor Name	Network Teaming Intermediate Driver (NTID)	Network Teaming Intermediate Driver (NTID)	Network Teaming Intermediate Driver (NTID)	Network Teaming Intermediate Driver (NTID)	Network Teaming Intermediate Driver (NTID)
Network Hardware Name	[00000009] HP Network Teaming Virtual Miniport Driver	[00000007] HP Network Teaming Virtual Miniport Driver	[00000007] HP Network Teaming Virtual Miniport Driver	[00000007] HP Network Teaming Virtual Miniport Driver	[00000007] HP Network Teaming Virtual Miniport Driver
Local Drive 0001 Name	A:()	A:()	A:()	A:()	A:()
Local Drive 0001 Description	3 1/2 Inch Floppy Drive	3 1/2 Inch Floppy Drive	3 1/2 Inch Floppy Drive	3 1/2 Inch Floppy Drive	3 1/2 Inch Floppy Drive
Local Drive 0001 FileSystem					
Local Drive 0001 Size GB					
Local Drive 0001 Free GB					
Local Drive 0001 Used GB					
Local Drive 0002 Name	C:(Local Disk)	C:()	C:(Local Disk)	C:()	C:()
Local Drive 0002 Description	Local Fixed Disk	Local Fixed Disk	Local Fixed Disk	Local Fixed Disk	Local Fixed Disk
Local Drive 0002 FileSystem	NTFS	NTFS	NTFS	NTFS	NTFS
Local Drive 0002 Size GB	16.945	16.945	16.945	16.945	16.945
Local Drive 0002 Free GB	8.192	7.892	9.623	12.068	12.068
Local Drive 0002 Used GB	8.753	9.053	7.322	4.877	4.877
Local Drive 0003 Name	D:()	D:()	D:()	D:()	D:()
Local Drive 0003	CD-ROM Disc	CD-ROM Disc	CD-ROM Disc	CD-ROM Disc	CD-ROM Disc



Server Name	Presentation Server 1	Presentation Server 2	Presentation Server 3	Presentation Server 4	Presentation Server 5
Description					
Local Drive 0003 FileSystem					
Local Drive 0003 Size GB					
Local Drive 0003 Free GB					
Local Drive 0003 Used GB					
Local Drive 0004 Name	E:()	E:()	E:()	E:()	E:()
Local Drive 0004 Description	Removable Disk	Removable Disk	Removable Disk	Removable Disk	Removable Disk
Local Drive 0004 FileSystem	FAT32	FAT32	FAT32	FAT32	FAT32
Local Drive 0004 Size GB	3.727	3.727	3.727	3.727	3.727
Local Drive 0004 Free GB	0.058	0.058	0.058	0.058	0.058
Local Drive 0004 Used GB	3.669	3.669	3.669	3.669	3.669
Local Drive 0005 Name					
Local Drive 0005 Description					
Local Drive 0005 FileSystem					
Local Drive 0005 Size GB					
Local Drive 0005 Free GB					
Local Drive 0005 Used GB					
Local Drive 0006 Name					
Local Drive 0006 Description					
Local Drive 0006 FileSystem					
Local Drive 0006 Size GB					
Local Drive 0006 Free GB					
Local Drive 0006 Used GB					
Local Drive 0007 Name					
Local Drive 0007 Description					
Local Drive 0007 FileSystem					
Local Drive 0007 Size GB					
Local Drive 0007 Free GB					
Local Drive 0007 Used GB					
Local Drive 0008 Name					



Server Name	Presentation Server 1	Presentation Server 2	Presentation Server 3	Presentation Server 4	Presentation Server 5
Local Drive 0008 Description					
Local Drive 0008 FileSystem					
Local Drive 0008 Size GB					
Local Drive 0008 Free GB					
Local Drive 0008 Used GB					

5.3 Application Servers

Server Name	Application Server 1	Application Server 2	Application Server 3	Application Server 4	Application Server 5
On Domain	ECABDOM	ECABDOM	ECABDOM	ECABDOM	ECABDOM
Domain Role	Member Server	Member Server	Member Server	Member Server	Member Server
Manufacturer	HP	HP	HP	HP	HP
Model	ProLiant DL380 G3	ProLiant DL380 G3	ProLiant DL380 G3	ProLiant DL380 G4	ProLiant DL380 G4
OS	Microsoft Windows 2000 Advanced Server v5.0.2195	Microsoft Windows 2000 Advanced Server v5.0.2195	Microsoft Windows 2000 Advanced Server v5.0.2195	Microsoft Windows 2000 Advanced Server v5.0.2195	Microsoft Windows 2000 Advanced Server v5.0.2195
Processor 0001 Name	Intel(R) Xeon(TM) CPU 2.40GHz	Intel(R) Xeon(TM) CPU 2.40GHz	Intel(R) Xeon(TM) CPU 2.40GHz	Intel(R) Xeon(TM) CPU 3.60GHz	Intel(R) Xeon(TM) CPU 3.60GHz
Processor 0001 Caption	x86 Family 15 Model 2 Stepping 7	x86 Family 15 Model 2 Stepping 7	x86 Family 15 Model 2 Stepping 7	x86 Family 15 Model 4 Stepping 1	x86 Family 15 Model 4 Stepping 1
Processor 0001 Current Clock Speed Mhz	2390	2392	2391	3600	3600
Processor 0002 Name	Intel(R) Xeon(TM) CPU 2.40GHz	Intel(R) Xeon(TM) CPU 2.40GHz	Intel(R) Xeon(TM) CPU 2.40GHz	Intel(R) Xeon(TM) CPU 3.60GHz	Intel(R) Xeon(TM) CPU 3.60GHz
Processor 0002 Caption	x86 Family 15 Model 2 Stepping 7	x86 Family 15 Model 2 Stepping 7	x86 Family 15 Model 2 Stepping 7	x86 Family 15 Model 4 Stepping 1	x86 Family 15 Model 4 Stepping 1
Processor 0002 Current Clock Speed Mhz	2390	2392	2392	3600	3600
Memory Stick 0001 MB	256	256	256	512	512
Memory Stick 0002 MB	256	256	256	512	512
Memory Stick 0003 MB	256	256	256	512	512
Memory Stick 0004 MB	256	256	256	512	512



Server Name	Application Server 1	Application Server 2	Application Server 3	Application Server 4	Application Server 5
Memory Stick 0005 MB	512	512	512		
Memory Stick 0006 MB	512	512	512		
Memory Stick 0007 MB					
Memory Stick 0008 MB					
Memory Speed Mhz	266	266	266	400	400
Total Memory Capacity Mhz	2048	2048	2048	2048	2048
Network Adaptor Name		Network Teaming Intermediate Driver (NTID)	Network Teaming Intermediate Driver (NTID)	Network Teaming Intermediate Driver (NTID)	Network Teaming Intermediate Driver (NTID)
Network Hardware Name		[00000007] HP Network Teaming Virtual Miniport Driver	[00000007] HP Network Teaming Virtual Miniport Driver	[00000007] HP Network Teaming Virtual Miniport Driver	[00000007] HP Network Teaming Virtual Miniport Driver
Local Drive 0001 Name	A:()	A:()	A:()	C:()	C:()
Local Drive 0001 Description	3 1/2 Inch Floppy Drive	3 1/2 Inch Floppy Drive	3 1/2 Inch Floppy Drive	Local Fixed Disk	Local Fixed Disk
Local Drive 0001 FileSystem				NTFS	NTFS
Local Drive 0001 Size GB				33.906	33.906
Local Drive 0001 Free GB				27.29	27.29
Local Drive 0001 Used GB				6.616	6.616
Local Drive 0002 Name	C:()	C:()	C:()	D:()	D:()
Local Drive 0002 Description	Local Fixed Disk	Local Fixed Disk	Local Fixed Disk	CD-ROM Disc	CD-ROM Disc
Local Drive 0002 FileSystem	NTFS	NTFS	NTFS		
Local Drive 0002 Size GB	16.945	16.945	16.945		
Local Drive 0002 Free GB	6.193	7.365	6.565		
Local Drive 0002 Used GB	10.752	9.58	10.38		
Local Drive 0003 Name	D:()	D:()	D:()	E:()	E:()
Local Drive 0003 Description	CD-ROM Disc	CD-ROM Disc	CD-ROM Disc	Removable Disk	Removable Disk
Local Drive 0003 FileSystem				FAT32	FAT32
Local Drive 0003 Size GB				3.727	3.727
Local Drive 0003 Free GB				0.058	0.058
Local Drive 0003 Used GB				3.669	3.669
Local Drive 0004 Name	E:()	E:()	E:()		



Server Name	Application Server 1	Application Server 2	Application Server 3	Application Server 4	Application Server 5
Local Drive 0004 Description	Removable Disk	Removable Disk	Removable Disk		
Local Drive 0004 FileSystem	FAT32	FAT32	FAT32		
Local Drive 0004 Size GB	3.727	3.727	3.727		
Local Drive 0004 Free GB	0.058	0.058	0.058		
Local Drive 0004 Used GB	3.669	3.669	3.669		

5.4 SQL Server Servers

Server Name	Database Server 1	Database Server 2
On Domain	ECABDOM	ECABDOM
Domain Role	Member Server	Member Server
Manufacturer	HP	HP
Model	ProLiant DL380 G3	ProLiant DL380 G3
OS	Microsoft Windows 2000 Advanced Server v5.0.2195	Microsoft Windows 2000 Advanced Server v5.0.2195
Processor 0001 Name	Intel(R) Xeon(TM) CPU 2.40GHz	Intel(R) Xeon(TM) CPU 2.40GHz
Processor 0001 Caption	x86 Family 15 Model 2 Stepping 7	x86 Family 15 Model 2 Stepping 7
Processor 0001 Current Clock Speed Mhz	2391	2389
Processor 0002 Name	Intel(R) Xeon(TM) CPU 2.40GHz	Intel(R) Xeon(TM) CPU 2.40GHz
Processor 0002 Caption	x86 Family 15 Model 2 Stepping 7	x86 Family 15 Model 2 Stepping 7
Processor 0002 Current Clock Speed Mhz	2392	2389
Memory Stick 0001 MB	512	512
Memory Stick 0002 MB	512	512
Memory Stick 0003 MB	512	512
Memory Stick 0004 MB	512	512



Server Name	Database Server 1	Database Server 2
Memory Stick 0005 MB	1024	1024
Memory Stick 0006 MB	1024	1024
Memory Stick 0007 MB		
Memory Stick 0008 MB		
Memory Speed Mhz	266	266
Total Memory Capacity Mhz	4096	4096
Network Adaptor Name	HP NC7781 Gigabit Server Adapter	HP NC7781 Gigabit Server Adapter
Network Hardware Name	[00000000] HP NC7781 Gigabit Server Adapter	[00000000] HP NC7781 Gigabit Server Adapter
Local Drive 0001 Name	A:()	A:()
Local Drive 0001 Description	3 1/2 Inch Floppy Drive	3 1/2 Inch Floppy Drive
Local Drive 0001 FileSystem		
Local Drive 0001 Size GB		
Local Drive 0001 Free GB		
Local Drive 0001 Used GB		
Local Drive 0002 Name	C:()	C:()
Local Drive 0002 Description	Local Fixed Disk	Local Fixed Disk
Local Drive 0002 FileSystem	NTFS	NTFS
Local Drive 0002 Size GB	16.945	16.945
Local Drive 0002 Free GB	10.01	7.208
Local Drive 0002 Used GB	6.935	9.737
Local Drive 0003 Name	D:()	D:()
Local Drive 0003 Description	CD-ROM Disc	CD-ROM Disc
Local Drive 0003 FileSystem		
Local Drive 0003 Size GB		
Local Drive 0003 Free GB		
Local Drive 0003 Used GB		
Local Drive 0004 Name	E:(Storage Database)	E:()
Local Drive 0004 Description	Local Fixed Disk	Local Fixed Disk



Server Name	Database Server 1	Database Server 2
Local Drive 0004 FileSystem	NTFS	
Local Drive 0004 Size GB	271.331	
Local Drive 0004 Free GB	63.066	
Local Drive 0004 Used GB	208.265	
Local Drive 0005 Name	F:(Storage Logs)	F:()
Local Drive 0005 Description	Local Fixed Disk	Local Fixed Disk
Local Drive 0005 FileSystem	NTFS	
Local Drive 0005 Size GB	33.43	
Local Drive 0005 Free GB	33.364	
Local Drive 0005 Used GB	0.066	
Local Drive 0006 Name	G:(Backup Area)	G:()
Local Drive 0006 Description	Local Fixed Disk	Local Fixed Disk
Local Drive 0006 FileSystem	NTFS	
Local Drive 0006 Size GB	279.382	
Local Drive 0006 Free GB	264.616	
Local Drive 0006 Used GB	14.766	
Local Drive 0007 Name	H:()	H:()
Local Drive 0007 Description	Removable Disk	Removable Disk
Local Drive 0007 FileSystem	FAT32	FAT32
Local Drive 0007 Size GB	3.727	3.727
Local Drive 0007 Free GB	0.058	0.058
Local Drive 0007 Used GB	3.669	3.669
Local Drive 0008 Name	Q:(Storage Quorum)	Q:()
Local Drive 0008 Description	Local Fixed Disk	Local Fixed Disk
Local Drive 0008 FileSystem	NTFS	
Local Drive 0008 Size GB	0.483	
Local Drive 0008 Free GB	0.472	
Local Drive 0008 Used GB	0.011	



5.5 Other Servers

Server Name	QA 1	Security 1	Security 1	QA 2	Database QA
On Domain	WORKGROUP	ECABDOM.com	ECABDOM	WORKGROUP	TESTGROUP
Domain Role	Standalone Server	Backup Domain Controller	Standalone Server	Standalone Server	Standalone Server
Manufacturer	HP	Dell Computer Corporation	HP	HP	HP
Model	ProLiant DL380 G4	PowerEdge 2850	ProLiant DL380 G4	ProLiant DL380 G3	ProLiant DL380 G3
OS	Microsoft Windows 2000 Advanced Server v5.0.2195	Microsoft(R) Windows(R) Server 2003, Standard Edition v5.2.3790	Microsoft(R) Windows(R) Server 2003, Standard Edition v5.2.3790	Microsoft Windows 2000 Advanced Server v5.0.2195	Microsoft Windows 2000 Advanced Server v5.0.2195
Processor 0001 Name	Intel(R) Xeon(TM) CPU 3.60GHz	Intel(R) Xeon(TM) CPU 3.00GHz	Intel(R) Xeon(TM) CPU 3.20GHz	Intel(R) Xeon(TM) CPU 2.40GHz	Intel(R) Xeon(TM) CPU 2.40GHz
Processor 0001 Caption	x86 Family 15 Model 4 Stepping 1	x86 Family 15 Model 4 Stepping 3	x86 Family 15 Model 4 Stepping 1	x86 Family 15 Model 2 Stepping 7	x86 Family 15 Model 2 Stepping 7
Processor 0001 Current Clock Speed Mhz	3600	2992	3200	2389	2392
Processor 0002 Name	Intel(R) Xeon(TM) CPU 3.60GHz	Intel(R) Xeon(TM) CPU 3.00GHz	Intel(R) Xeon(TM) CPU 3.20GHz	Intel(R) Xeon(TM) CPU 2.40GHz	Intel(R) Xeon(TM) CPU 2.40GHz
Processor 0002 Caption	x86 Family 15 Model 4 Stepping 1	x86 Family 15 Model 4 Stepping 3	x86 Family 15 Model 4 Stepping 1	x86 Family 15 Model 2 Stepping 7	x86 Family 15 Model 2 Stepping 7
Processor 0002 Current Clock Speed Mhz	3600	2992	3200	2389	2392
Memory Stick 0001 MB	512	1024	512	512	1024
Memory Stick 0002 MB	512	1024	512	512	1024
Memory Stick 0003 MB	512	1024	512	256	512
Memory Stick 0004 MB	512	1024	512	256	512
Memory Stick 0005 MB				256	512
Memory Stick 0006 MB				256	512
Memory Stick 0007 MB					
Memory Stick 0008 MB					



Server Name	QA 1	Security 1	Security 1	QA 2	Database QA
Memory Speed Mhz	400	400	400	266	266
Total Memory Capacity Mhz	2048	4096	2048	2048	4096
Network Adaptor Name	Network Teaming Intermediate Driver (NTID)	Intel(R) PRO/1000 MT Network Connection - Packet Scheduler Miniport	HP NC7782 Gigabit Server Adapter - NetVeda Safety.Net Miniport	Compaq NC7781 Gigabit Server Adapter	
Network Hardware Name	[00000007] HP Network Teaming Virtual Miniport Driver	[00000001] Intel(R) PRO/1000 MT Network Connection	[00000001] HP NC7782 Gigabit Server Adapter	[00000005] Compaq NC7781 Gigabit Server Adapter	
Local Drive 0001 Name	C:()	A:()	C:()	A:()	A:()
Local Drive 0001 Description	Local Fixed Disk	3 1/2 Inch Floppy Drive	Local Fixed Disk	3 1/2 Inch Floppy Drive	3 1/2 Inch Floppy Drive
Local Drive 0001 FileSystem	NTFS		NTFS	N/A	N/A
Local Drive 0001 Size GB	33.906		67.824	N/A	N/A
Local Drive 0001 Free GB	17.46		16.642	N/A	N/A
Local Drive 0001 Used GB	16.446		51.182	N/A	N/A
Local Drive 0002 Name	D:()	C:()	D:()	C:()	C:()
Local Drive 0002 Description	CD-ROM Disc	Local Fixed Disk	CD-ROM Disc	Local Fixed Disk	Local Fixed Disk
Local Drive 0002 FileSystem		NTFS		NTFS	NTFS
Local Drive 0002 Size GB		39.06		16.949	16.949
Local Drive 0002 Free GB		25.62		7.036	7.271
Local Drive 0002 Used GB		13.44		9.913	9.678
Local Drive 0003 Name	E:()	D:()		D:()	D:()
Local Drive 0003 Description	Removable Disk	CD-ROM Disc		CD-ROM Disc	CD-ROM Disc
Local Drive 0003 FileSystem	FAT32				N/A
Local Drive 0003 Size GB	3.727				N/A
Local Drive 0003 Free GB	0.058				N/A
Local Drive 0003 Used GB	3.669				N/A
Local Drive 0004 Name		E:(data)			E:(SQLDB)
Local Drive 0004 Description		Local Fixed Disk			Local Fixed Disk
Local Drive 0004 FileSystem		NTFS			NTFS



Server Name	QA 1	Security 1	Security 1	QA 2	Database QA
Local Drive 0004 Size GB		29.148			33.91
Local Drive 0004 Free GB		13.155			32.694
Local Drive 0004 Used GB		15.993			1.216
Local Drive 0005 Name		F:()			G:(DB backup feb)
Local Drive 0005 Description		Removable Disk			Local Fixed Disk
Local Drive 0005 FileSystem		FAT32			NTFS
Local Drive 0005 Size GB		3.727			33.913
Local Drive 0005 Free GB		0.058			16.344
Local Drive 0005 Used GB		3.669			17.569
Local Drive 0006 Name					H:()
Local Drive 0006 Description					Removable Disk
Local Drive 0006 FileSystem					FAT32
Local Drive 0006 Size GB					3.727
Local Drive 0006 Free GB					0.03
Local Drive 0006 Used GB					3.697
Local Drive 0007 Name					J:(data)
Local Drive 0007 Description					Local Fixed Disk
Local Drive 0007 FileSystem					NTFS
Local Drive 0007 Size GB					33.91
Local Drive 0007 Free GB					2.354
Local Drive 0007 Used GB					31.556
Local Drive 0008 Name					
Local Drive 0008 Description					
Local Drive 0008 FileSystem					
Local Drive 0008 Size GB					
Local Drive 0008 Free GB					
Local Drive 0008 Used GB					



6. Appendix 2 - Declaration in Relation to Article 45 of European Union Directive 2004/18/EC

This Declaration must be duly completed and submitted by all tendering organisations, including all members of a consortium.

Name of Vendor: _____

Address: _____

Please tick Yes or No as appropriate to the following statements relating to the current status of your organisation.

1. The Vendor is bankrupt or is being wound up or its affairs are being administered by the court or has entered into an arrangement with creditors or has suspended business activities or is in any analogous situation arising from a similar procedure under national laws and regulations. Yes []
No []
2. The Vendor is the subject of proceedings for a declaration of bankruptcy, for an order for compulsory winding up or administration by the court or for an arrangement with creditors or of any other similar proceedings under national laws and regulations. Yes []
No []
3. The Vendor, a Director or Partner, has been convicted of an offence concerning his professional conduct by a judgement which has the force of res judicata or been guilty of grave professional misconduct in the course of their business. Yes []
No []
4. The Vendor has not fulfilled its obligations relating to the payment of taxes or social security contributions in Ireland or any other State in which the vendor is located. Yes []
No []
5. The Vendor, a Director or Partner has been found guilty of fraud.
6. The Vendor, a Director or Partner has been found guilty of money laundering. Yes []
No []
7. The Vendor, a Director or Partner has been found guilty of corruption. Yes []
No []
8. The Vendor, a Director or Partner has been convicted of being a member of a criminal organisation. Yes []
No []



9. The Vendor has been guilty of serious misrepresentation in providing information to a public buying agency. Yes []
No []
10. The Vendor has contrived to misrepresent its Health & Safety information, Quality Assurance information, or any other information relevant to this application. Yes []
No []

THIS FORM MUST BE COMPLETED AND SIGNED BY A DULY AUTHORISED OFFICER OF THE VENDOR'S ORGANISATION.

I certify that the information provided above is accurate and complete to the best of my knowledge and belief.

I understand that the provision of inaccurate or misleading information in this declaration may lead to my organisation being excluded from participation in future tenders.

Signature _____ Date _____

Name _____ Telephone _____

Position _____ E-Mail _____