

## Delivery of WAN Link for UK Debt Management Office (DMO)

### SCOPE OF TENDER

To deliver a high bandwidth, low latency, fibre channel WAN link between the DMO's two datacentres. Installation, rental costs and support arrangements must be included within the tender response.

### BACKGROUND

The DMO is an Executive Agency of Her Majesty's Treasury. The DMO's responsibilities include debt and cash management for the UK Government, lending to local authorities and managing certain public sector funds.

Currently the DMO occupies offices in the City of London, with the primary data centre located at **REDACTED**. A secondary data centre provides Disaster Recovery (DR) capability and is provided at **REDACTED**.

The DMO is undertaking a programme of work to improve its systems resilience, the objective of which is to reduce the impact of any IT infrastructure failure scenarios on its end users by:

- Ensuring the automated recovery of its systems.
- Moving from a primary and DR configuration of its data centres to one stretched logical datacentre across both locations.
- Implementing EMC VPLEX Metro and VMWare High Availability to achieve this
- Delivering the capacity to enable the operation of Fault Tolerance on a small number of VM's delivering time critical business processes.

*The information in the paragraph below is provided for context only.*

The investigation and analysis conducted by the DMO has recommended the implementation of a solution using EMC VPLEX Metro. DMO has worked with EMC on an exercise to demonstrate the detailed workings of this product to confirm its suitability. This exercise identified that this solution requires a fibre channel WAN link to connect the DMO's data centres. Furthermore EMC has performed an analysis of DMO's SAN I/O statistics and layout information to determine the specification of this link. This information is available from the DMO's Account Manager at EMC - **REDACTED**

### TENDER REQUIREMENTS

The DMO is seeking responses to this requirement from organisations with the specialist expertise and experience to deliver the requirements defined below. Providers from the framework lot identified are referred to as the 'Supplier' in this document.

Note that this is a non-PSN requirement. Please detail any further deliverables that you identify may be required in your proposal.

Index	Requirement Description
WN.1	Fibre Channel circuits over DWDM on dark fibre between:

REDACTED  
RM4186 - L0689; DMO Systems Resilience WAN Link  
Appendix B – Service Description

Index	Requirement Description
	A – REDACTED B – REDACTED Please quote for both: 2x 4Gb and 2x 8Gb
WN.2	Resilient solution with two diversely-routed fibre circuits terminated on dual chassis with dual swappable power supplies.
WN.3	Demarcation point should be at the UK DMO's racks on each data centre.
WN.4	Round Trip Time must be less than 1 millisecond
WN.5	Must include all fibre patch cables and SFP connectors.
WN.6	Installation, configuration and testing services.
WN.7	Service Levels should be included along with the available support options.
WN.8	Remotely managed service
WN.9	A delivery plan should be included reflecting the expected schedule, deliverables, tasks dependencies and resourcing,
WN.10	Supplier availability to start contract as soon as possible after the contract is awarded
WN.11	Given the location constraints - must be provided from a UK-based supplier
WN.12	Proven track record and presence in Government and/or Finance sector

**TENDER RESPONSE:**

Please provide fixed price quotations for:

- Implementation of service
- Monthly costs encompassing link rental, support and maintenance etc. Quotations should be provided for 1 year, 3 year and 5 year contracts.

Please ensure that your response follows the order and index outlined in the requirements above. The responses should be a **maximum of 20 pages of A4** including any appendices. In all cases brief and succinct answers and explanations are preferred.

**SITE SURVEY**

Should the Supplier want to conduct a site survey in preparation for their tender response please contact **REDACTED** and **REDACTED** to arrange this. The last day for a site survey is 13 January 2015.

**PRESENTATIONS (IF REQUIRED)**

Short-listed suppliers may be asked to attend a presentation/interview with the tender evaluation team. If required, this would take place at UK DMO's office at 11 Philpot Lane, Eastcheap Court, London EC3M 8UD.