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# PURPOSE

## The Ministry of Defence (MoD) are inviting bids for the procurement of additional hardware to address infrastructure capacity issues in both development and production environments

## MoD may be referred as the “Authority” hereafter.

# BACKGROUND TO THE CONTRACTING aUTHORITY

## Defence Business Services, a part of the Ministry of Defence, acts as a service provider principally to MoD customers. Wider cross-government offers are also in place.

## The principal business areas are Finance, Personnel/Payroll, National Vetting, Veterans.

## A sophisticated and advanced IT and Communications infrastructure supports the many systems operated by DBS. All systems are accredited as compliant with the security and data protection levels demanded of a government service. Threats to obsolescence are addressed to maintain system integrity.

# Background to requirement/OVERVIEW of requirement

## The Finance and Commercial Change Programme has implemented a significant number of IT projects on DBS infrastructure in recent years (Contract, Purchasing and Finance R1/R2 & R3, Cognos Planning Analytics etc) and the forward programme continues to grow, increasing the pressure upon existing infrastructure.

## The current and forward change programme (Finance Remediation, DIO Lease, ASPECT archiving solution, CP&F R4, SDS/AHM integration etc) increases demand for new development and/or project environments, on processor usage, memory usage and back up storage consumption (hard disk and tape). The existing infrastructure solution is beginning to reach capacity, hindering achievement of change within required timescales.

# definitions

|  |  |
| --- | --- |
| Expression or Acronym | Definition |
| MoD | Means Ministry of Defence. |
| DBS | Means Defence Business Services. |

# scope of requirement

## To supply the specified hardware and services (delivery, installation and support).

## Installation should be included as a costed option. The Authority reserves the right to undertake any required installation work due to security constraints.

## A maintenance option which includes media/disk retention as appropriate.

## Maintenance/support should include the following;

## 5.5.1 A Single Point of Contact for duration of the Contract.

## 5.5.2 Support to be provided Mon to Fri with next business day cover.

## 5.5.3 Support to include an 8-hour fix time from the time of reporting an incident, through to completion.

## 5.5.4 Supplier is to upload a detailed support and escalation plan. Support must be in line with existing support arrangements. The contractor is to supply and fit parts on site as and when required by suitably qualified staff, i.e. Customer Replaceable Units are not acceptable.

# The requirement

|  |  |  |
| --- | --- | --- |
| Item | Quantity | Description |
| 1 | 32 | Power 8 Memory:64GB DIMM Memory Part No/FRU: 00LP744 CCIN 31EAto be fitted to: IBM MT–M 8284-22A Ser Nos:2112BAW 2112BCW 215F4AV 218C82VThis is upgrading the current memory in these servers located at Bristol from 512GB to 1024GB. |
| 2 | 2 | LT06 Tape Drives Model ULT3580 – TD6 Full Height Fibre Interface IBM Part No: 35P2599 To Fit to Tape Library MT-M3576-E9U Serial No:1385573 To Fit to Tape Library MT-M3576-E9U Serial No:13240011 drive to be installed at Bristol Abbey Wood, 1 in Liverpool. |
| 3 | 1 | Additional UK Mains Power Supply Unit (PSU) for Tape Library. To Fit to Tape Library MT-M3576-L5B Serial No:1323282To be fitted in Bristol. |
| 4 | 50 | LTO Cleaning Cartridge for use with all ULTRUM 1 – 7 Drives, e.g. Fujifilm or similar. Split between Abbey Wood and Liverpool |
| 5 | 1 | V7000 Expansion Enclosure for Abbey Wood Bristol MT-M 2076-24F to connect to MT-M 2076-524 Serial No: 78205MX |
| 6 | 24 | 1.2TB disks to fill the slots in above enclosure MT-M 2076-24F To connect to MT-M 2076-524 Serial No:78205MX |
| 7 | 32 | 900GB disks FRU PN 00AR326 to fill the empty slots in the V7000 Expansion Enclosures in Liverpool.Qty 16 to go into MT-M 2076-24F Serial No:7824W2V Qty 16 to go into MT-M 2076-24F Serial No:7824WBR |
| 8 | 1 | Power 9 Server configured with 24 active CPU Cores and 1024GB (RAM) Memory 128 GB modules MT-M 9009-42A Qty 4, 4 Port HBA, CCIN EN0Y FRU 00WT107 Qty 4, 2 Port NIC, CCIN 2CC4 FRU 00E2714RAID Split Backplane Feature Qty 4 Disks for VIO Servers, FRU 00FX876 300GB 15K 6GB SAS or equivalentTo be installed in Bristol. Power 9 systems come with AIX enterprise edition. |
| 9 | 2 | Power 8 SAS Disks for the GPFS Clusters in Bristol Abbey Wood to fit in MT-M 8284-22A Serial No:2112BCW FRU Part No: 00FX876 146GB 15K 6GB SAS |
| 10 | 4 | Cisco 40GBase-AOC QSFP direct-attach Active Optical Cable, 15-meter |
| 11 | 4 | Cisco 4SQRA reverse adapter |
| 12 | 24 | 1.2TB disks to fill the Qty 24 slots in a V7000 Controller at item 13 below, to be used at Bristol Abbey Wood. |
| 13 | 1 | V7000 Controller to be used at Bristol Abbey Wood. |
| 14 | 15 | KVM modules to remote manage all required servers from an existing console. Lenovo UCOs FRU PN 00WH404, PN 43V6147.  To be used in Liverpool |
| 15 | 20 of each | 10m,15m & 20m Network Cables Type being CAT 6A presentation, Colour White |
| 16 | 20 of each | 2m, 3m, 10m, 15m & 20m Fibre Cables LC-LC, Colour Aqua |
| 17 | 4 | USB3 64GB memory sticks e.g. SANDISK |
| 18 | 32 | 900GB Lenovo 2.5 HDD disks  To be used in current Windows Servers, Lenovo X Series 3850X6. Bristol & Liverpool |

## The Authority would like to purchase all items on the above list subject to affordability. If this is not possible it is our intention to call off the list in order of priority.

# key milestones

## The Potential Provider should note the following project milestones that the Authority will measure the quality of delivery against:

|  |  |  |
| --- | --- | --- |
| **Milestone** | **Description** | **Timeframe** |
| 1 | Delivery of Goods | Within 22 working days form an approved Purchase Order being raised. |
| 2 | Installation | TBC – Supplier should be aware that this may require installation over a weekend so should quote for both normal working hours working and weekend working as costed options. Installation is likely to be done in collaboration with MOD personnel. |

# 

# authority’s responsibilities

## To provide access and a safe working environment, so that the supplier’s approved representatives can complete delivery and installation tasks.

## To provide confirmation to the winning supplier, of the dates suitable for installation. At least 1 weeks’ notice will be provided.

# continuous improvement

## The Supplier will be expected to continually improve the way in which the required Services are to be delivered throughout the Contract duration.

## The Supplier should present new ways of working to the Authority during the duration of the Contract.

## Changes to the way in which the Services are to be delivered must be brought to the Authority’s attention and agreed prior to any changes being implemented.

# PRICE

## Prices are to be submitted by completing and returning a copy of Appendix B – Pricing Schedule. Potential Providers are also required to provide a detailed quotation on Company headed paper.

## All prices MUST be inclusive of all expenses and exclude VAT.

## Prices are to remain FIRM for 30 calendar days.

## Note the Authority requires costed options for installation and reserves the right to install the equipment provided in house by suitable qualified IBM engineers.

# STAFF AND CUSTOMER SERVICE

## The Authority requires the Potential Provider to provide a sufficient level of resource throughout the duration of the Contract in order to consistently deliver a quality service to all Parties.

## Potential Provider’s staff assigned to the Contract shall have the relevant qualifications and experience to deliver the Contract.

## The Potential Provider shall ensure that staff understand the Authority’s vision and objectives and will provide excellent customer service to the Authority throughout the duration of the Contract.

# Security requirements

## Supplier representatives who do not hold MoD security accreditation must be escorted by MoD staff at all times on MoD premises.

## MoD may require visitors to submit to security search.

# payment

## Upon award of the Contract, the Supplier will be sent an introductory email advising of the need to register with Exostar in order for payment to be processed through the CP&F solution.

## Payment will be made following complete delivery of all requirements via the MOD CP&F solution.

# Location

## The location of the Services and the Delivery will be carried out at;

## DBS DBS

## Walker House MOD Abbeywood South

## Exchange Flags Bristol

## Liverpool BS34 8JH

## L2 3YL

## The contact for the requirements is;

## Tracey Bush

## Technical Delivery Manager

## 0151 242 2379