

**APPOINTMENT OF A SERVICE PROVIDER TO PROVIDE
INFRASTRUCTURE AS-A- SERVICE, CLOUD HOSTING, PABX,
LAN/WAN AND MANAGED SECURITY SERVICES FOR A PERIOD
OF THREE (3) YEARS FOR THE RAILWAY SAFETY REGULATOR**

**ANNEXURE B
TECHNOLOGY ARCHITECTURE**

No	Current Hosted Application/Systems	Current Hosted ICT Infrastructure – All Servers Virtual. All dataset running on SQL servers	Disaster Recovery with Off - Site Location	Public Hosted Location
1	Core Operation systems National Information Management Systems NIMS - Windows Server 2012 R2	Primary Web and Application Server Processor: 2 Core Xeon 2.6 GHZ RAM: 16GB HDD1: 100GB OS (Server Disk) HDD2:150GB DATA (Server Disk) OS: Windows Server 2012 R2 or latest	Replication, Failover, Data Back-up and Restoration	Cloud Hosted with Service Provider
		Primary Database Server Processor: 4 Core Xeon 2.6 GHZ RAM: 16 GB HDD1: 100GB OS (Server Disk) HDD2100GB DATA (Server Disk) HDD3: 600GB DATABASE & LOGFILE (Fast disk) Disk space increased OS: Windows Server 2012 R2 or latest Database: Microsoft SQL Server 2012 R2 Standard or latest	Replication, Failover, Data Back-up and Restoration	Cloud Hosted with Service Provider
		EDMS APP Server Processor: 4 Core Xeon 2.6 GHZ	Replication, Failover, Data Back-up and Restoration	Cloud Hosted with Service Provider

No	Current Hosted Application/Systems	Current Hosted ICT Infrastructure – All Servers Virtual. All dataset running on SQL servers	Disaster Recovery with Off - Site Location	Public Hosted Location
		RAM: 16GB HDD1: 100GB OS (Server Disk) HDD2:10GB DATA (Server Disk) HDD3:100GB DATA (Server Disk) OS: Windows Server 2008 R2 enterprise		
2	Finance and Human Resources System SAGE 200 and 300 - Windows Server 2012 R2	Sage Finance - 200 and People - 300 Server Name: RSRDBSERV02 O/S : Windows Server 2016 O/S : VMware 7,1 RAM: 65536 MB HDD: C: 200GB E: 400GB F: 400GB	Replication, Failover, Data Back-up and Restoration	Cloud Hosted with Service Provider
3	Risk Management System CURA - Windows 2016	CURA APP Server Processor: 4 Core Xeon 2.6 GHZ RAM: 8GB HDD1: 100GB OS (Server Disk)	Replication, Failover, Data Back-up and Restoration	Cloud Hosted with Service Provider

No	Current Hosted Application/Systems	Current Hosted ICT Infrastructure – All Servers Virtual. All dataset running on SQL servers	Disaster Recovery with Off - Site Location	Public Hosted Location
		OS: Windows Server 2016 STD		
		CURA DB Server Processor: 4 Core Xeon 2.6 GHZ RAM: 8GB HDD1: 100GB OS (Server Disk) HDD1: 100GB OS (Fast Disk) HDD1: 100GB OS (Fast Disk) OS: Windows Server 2016 STD OS: Windows Server 2016 STD Database: SQL Server 2016 (14.0.10000.169) Standard SQL Report Services	Replication, Failover, Data Back-up and Restoration	Cloud Hosted with Service Provider