

## **Attachment A**

### **Mandatory Requirements Checklist (MRC)**

#### **Request for Proposal Number 5401 Z1**

Bidders must respond to the Mandatory Requirements Checklist using the matrix format provided and must not change the order or number of the requirements.

The responses in the MRC must indicate that the bidder intends to comply with each individual requirement by initialing the Acceptance box. Please add notes/comments, as appropriate to describe how the bidder will comply with each requirement. Initialing the Reject box will be considered as non-responsive and the bidder's proposal will be disqualified.

<b>MRC # (RFP reference)</b>	<b>Mandatory Technical Requirements</b>	<b>Accept</b>	<b>Reject</b>
MT-1 (IV.E.1.a.i.)	The proposed technology must include multiple Virtual Tape Libraries (VTLs) that allow tape data to be written at the local and remote sites with a second VTL at each site for continuous availability (synchronous mirroring). Mirroring between the two sites must be asynchronous		
MT-2 (IV.E.1.a.ii.)	The proposed technology must include hardware-based VTLs. A host-based software virtual tape approach will not be considered. The VTL processing must not take mainframe cycles.		
MT-3 (IV.E.1.a.iii.)	The proposed technology must provide encryption and compression for tape data. A host-based process will not be considered.		
MT-4 (IV.E.1.a.iv.)	The proposed technology must use Longwave FICON Express 8s or FICON Express 16s for host connectivity.		
MT-5 ( IV.E.1.a.v.)	The proposed technology must be compatible with all IBM z/OS 2.2 and future upgrades without requiring modifications to z/OS system code.		
MT-6 (IV.E.1.a.vi.)	The proposed technology must use the IBM DFSMS product suite.		
MT-7 (IV.E.1.a.vii.)	The proposed technology must have capacity to provide for at least 175 TB of uncompressed host data on each VTL.		
MT-8 (IV.E.1.a.viii.)	The proposed technology must be 100% compatible with the existing mainframe hardware and software infrastructure, as described in Section IV. C. Project Environment of the RFP.		
MT-9 (IV.E.1.a.ix.)	The proposed technology must work within a parallel sysplex.		
MT-10 (IV.E.1.a.x.)	The proposed technology must use an IP network for connectivity between local and remote VTL units for both data and control.		
MT-11 (IV.E.1.b.)	The contractor will be responsible for the design, connection, as well as the logical and physical configuration of the proposed solution.		
MT-12 (IV.E.1.c.)	The contractor will be responsible for the subsequent data migration to the new VTL equipment of all tape-related data (virtual and physical). All VTLs must be loaded with the State's		

	data. As part of the data migration, all pointers, catalogs, and directories must be updated synchronously to ensure that the migrated data is continuously accessible.		
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