

PART III

TECHNICAL SPECIFICATION



TECHNICAL SPECIFICATIONS PROCUREMENT OF PROCUREMENT OF IBM FLASHSYSTEM 7300 ISCSI-FC (TEMPEST LEVEL B) FOR HQ MNC NE

I. Subject of the contract / bidding

The subject of the bidding is **procurement of 2 IBM FlashSystems 7300 ISCSi-FC (with Tempest Level B certificates) for HQ MNC NE**, with delivery (and installation) to Baltic Barracks, ul. Łukasieńskiego 33, Szczecin.

Detailed description and configuration of one IBM FlashSystem 7300 with all additional services is described in paragraph II below.

II. Technical Specifications and number of items

1. Procurement of two (2) IBM FlashSystems 7300 ISCSi-FC (with TEMPEST Level B certificate).

Detailed description and configuration of one IBM FlashSystem 7300 is described in table:

Description	Quantity
IBM FlashSystem 7300 NVMe Control Enclosure	1
Power Cord - PDU Connection	1
Encryption USB Flash Drives (Four Pack)	1
Encryption Enablement	1
240 GB M.2 Boot drive Pair	2
10 GbE SW SFP+ Transceivers (Four)	2
32 Gb FC LW SFP Transceivers (Pair)	4
25GbE (RoCE) Adapter Cards (Pair)	2
32 Gb FC 4 Port Adapter Cards (Pair)	1
Order Type 1 Indicator - CTO	1
9.6TB FlashCore Module 4	24
All Flash Indicator	1
Premium S&H Indicator	1
Expert Care Advanced 24 hour Committed Fix 5 Year	1
Expert Care Indicator	1
SP Hard Drive/Media Retention - Storage 5 years	1
5 year, IBM Storage Expert Care Advanced, 24hr Committed Fix (24/7 manufacturer's on-site service support with guaranteed repair time of 24 hours)	1

4657-924 SP Hard Drive/Media Retention - Storage 5 years	1
SW Subscription and Support 5-year registration (5608-B24)	1
IBM Spectrum Control Standard Select Edition - Per Storage Device 5Y Reg	1
IBM Spectrum Control Select Edition (5608-PC2)	1
IBM Spectrum Control Standard Select Edition - Per Storage Device w/1Yr SW S&S	1
Support Line for Storage 5 Year (5775-STG)	1
Sup5YperServerNC	1
Modification TEMPEST SDIP-27 Level B:	
<ul style="list-style-type: none"> - SDIP-27/1 Level B (or tested for NATO Equipment Zone 1 (i.a.w SDIP-28/1) - TEMPEST certificates or confirmation of authorized TEMPEST laboratory - Tempest enclosure specification: all system - Power line certification: yes, - TEMPEST modification: TEMPEST level B switch modification 	1

2. Installation and configuration of the procured equipment (for two devices) which includes:

- Device assembly,
- Configuration:
 - System update
 - User configuration
 - Assigning addressing
 - Configuration of disk resources
 - Set up replication from old device to new devices.
- Reconfiguration of the backup management system if necessary,

3. Documentation:

- documentation related to the equipment, systems, licences, manuals, etc.
- documentation related to the warranty.

Documentation will be created on site and on the client's equipment.

III. Special requirements:

1. The contract includes procurement and delivery of the devices mentioned in the paragraph no. III with all necessary services. All items must be delivered and installed at HQ MNC NE, Baltic Barracks, ul. Łukasińskiego 33, Szczecin.
2. Delivery must be accomplished not later than **8 weeks** after the signing of a contract. HQ MNC NE does not allow for partial deliveries.
3. Procured equipment (and software) must be covered by **five (5) years** of guarantee which will start from signature of Delivery Acceptance Protocol (DAP).
4. The equipment must be covered by the service of manufacturer for the guarantee period.
5. The Contractor must accept that hardware can be sent for testing to pass NATO security and compatibility check. In such case provider must ensure full support and

- deliver necessary hardware documentation.
6. The Contractor will not have access to classified information but it is required that Contractor's staff performing installation works hold NATO security clearance at NATO SECRET Level. The copy of these documents needs to be attached to the offer. The original documents must be shown on site, before the installation works begin.
 7. The Contractor warrants that equipment (devices) being subject matter of this contract:
 - is new (not used in any other activities like demonstration etc.) and free of any legal and physical defects,
 - meets qualitative and functional standards of required functions to be performed and it has no faults or defects that could reduce its value or applicability for the normal and contractually stipulated use,
 - comes from the manufacturer's authorised distribution channel and be covered by the manufacturer's service in Poland,
 - is not purchased from manufacturers that come from a country that directly or indirectly supports states generally regarded by the international community as terrorist.
 8. NATO SDIP-27/1 TEMPEST Level B is required for the items as stated in point II.1. above and must be delivered (together with the devices) with appropriate certificate to confirm emission security standards.
 9. Contractor must deliver TEMPEST certificates or confirmation of authorized TEMPEST laboratory that devices passed successfully emission tests executed by the authorized TEMPEST laboratory. Only TEMPEST Certificates issued by the HQ Security Accreditation Authority (Polish Military Counterintelligence Service or Polish Internal Security Agency), NATO TEMPEST Authority or NATO TEMPEST Vendor can be accepted. In case of required clarification, the TEMPEST Authority appropriate for the HQ MNC NE will be consulted for final guidance.
 10. Equipment, including any related licences, manuals etc. will become the property of HQ MNC NE at the moment of signing of the Delivery Acceptance Protocol (DAP).
 11. The Contractor warrants that hardware will be registered at the respective or existing HQ MNC NE account with a manufacturer of a specific piece of equipment (if required). Account details will be provided to the contractor by HQ MNC NE after signing of the contract.
 12. Contractor accepts that any spare parts/elements of faulted/replaced equipment, will stay at MNC NE (will not be returned to factory or Contractor).
 13. During the warranty period of 5 years if a repaired device would require passing emission test to confirm a respective emission security standard (NATO SDIP-27/1 TEMPEST level B) and a new certificate will be required in this regard, all related costs shall be borne by the Contractor.
 14. The installation works will take place in NATO Class II security zone, where the personnel of the contractor will be escorted by a designated HQ personnel.
 15. Bidders must include in their response to this bidding, required time for delivery (with installation and all necessary documentation) at HQ MNC NE after signing of a contract.
 16. Other requirements are included in the draft of contract.

Appendix : Draft of contract