

**SPECIFICATION FOR PROCUREMENT OF
HIGH-PERFORMANCE COMPUTERS (4 UNITS)**
Survey Department of Sri Lanka

Date of Issue: 17.03.2026

INSTRUCTIONS TO BIDDERS

1. Complete every compliance column. Incomplete bids will be rejected.
2. Attach supporting documents with page references in Remarks column.
3. Bids without compliance report will not be evaluated.
4. Demonstration may be requested before award if necessary.
5. Right to inspect delivered goods reserved. Discrepancies may lead to contract termination as per Government Procurement Guidelines.
6. Assembled/white-box machines are STRICTLY PROHIBITED. Only genuine branded enterprise systems accepted.

PART A: PRODUCT INFORMATION (Bidder to Fill)

S/N	Category	Specification	Bidder to Provide
A1	Make	Brand name	
A2	Model	Exact model name	
A3	Country of Origin	Country	
A4	Country of Manufacture	Country	
A5	OEM Configuration ID	Manufacturer configuration ID / build code or product number identifying the exact hardware configuration quoted (will be verified against delivered units)	

PART B: TECHNICAL COMPLIANCE

S/N	Category	Sub Category	Specification	Bidder's Compliance (Yes/No)	Remarks / Attachment Page
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S/N	Category	Sub Category	Specification	Bidder's Compliance (Yes/No)	Remarks / Attachment Page
PRODUCT IDENTITY					
B1	Product Class		Enterprise-Class (HP Elite/Pro, Dell OptiPlex/Precision, Lenovo ThinkCentre). Consumer-grade NOT accepted.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
B2	Form Factor		Tower/Micro Tower allowing discrete GPU installation with adequate airflow	<input type="checkbox"/> Yes <input type="checkbox"/> No	
PROCESSOR					
B3	Processor	CPU Model	Intel Core i9 (13th/14th Gen) or equivalent. Desktop-grade only (mobile CPUs NOT accepted). Must include adequate thermal solution (liquid cooling or high-performance air cooler). Standard Intel stock cooler NOT accepted.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
B4		Cores/Threads	Minimum 32 threads or equivalent multi-core architecture suitable for workstation workloads	<input type="checkbox"/> Yes <input type="checkbox"/> No	
MOTHERBOARD					
B5	Motherboard	Chipset	Intel W680 / Z790 or equivalent workstation-grade chipset. Entry-level chipsets (H610, B660) NOT accepted.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
MEMORY					
B6	RAM		64GB DDR5 (minimum 4400 MT/s), Dual Channel configured as 2x32GB modules (not 4x16GB), expandable to 128GB	<input type="checkbox"/> Yes <input type="checkbox"/> No	
STORAGE					
B7	Storage	Primary Drive	512GB NVMe Gen4 SSD (minimum 5000 MB/s sequential read)	<input type="checkbox"/> Yes <input type="checkbox"/> No	
B8		Secondary Drive	4TB 7200 RPM SATA HDD (enterprise-grade or NAS-grade preferred)	<input type="checkbox"/> Yes <input type="checkbox"/> No	
B9	Optical Drive		DVD-RW (internal or external USB)	<input type="checkbox"/> Yes <input type="checkbox"/> No	
GRAPHICS					
B10	Graphics	GPU	NVIDIA RTX 3050 (8GB GDDR6) or NVIDIA RTX A2000 (12GB) or equivalent professional workstation GPU. 6GB variants of ANY model NOT accepted. Must support DirectX 12 Ultimate, OpenGL 4.6, and dual	<input type="checkbox"/> Yes <input type="checkbox"/> No	

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S/N	Category	Sub Category	Specification	Bidder's Compliance (Yes/No)	Remarks / Attachment Page
			monitors.		
MONITOR					
B11	Monitor	Size/Resolution	27" QHD (2560x1440) IPS LED. Same brand as system preferred for warranty consistency and compatibility management.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
B12		Stand	Height, tilt, pivot, swivel adjustable	<input type="checkbox"/> Yes <input type="checkbox"/> No	
NETWORK					
B13	Network Interface	LAN	Integrated Gigabit Ethernet (mandatory)	<input type="checkbox"/> Yes <input type="checkbox"/> No	
I/O PORTS					
B14	I/O Ports	USB Ports	Minimum: 3x USB 3.2 Gen1, 2x USB 3.2 Gen2, 2x USB 2.0, 1x USB Type-C (front or rear)	<input type="checkbox"/> Yes <input type="checkbox"/> No	
B15		Display Ports	1x HDMI 2.0, 2x DisplayPort 1.4 or higher	<input type="checkbox"/> Yes <input type="checkbox"/> No	
B16		Audio/Other	Mic in, Headphone out, RJ-45 Ethernet	<input type="checkbox"/> Yes <input type="checkbox"/> No	
AUDIO, WIRELESS, EXPANSION					
B17	Sound		Integrated High-Definition Audio (5.1/7.1 channel support)	<input type="checkbox"/> Yes <input type="checkbox"/> No	
B18	Wireless		If wireless connectivity is provided, it must be integrated Wi-Fi 6/6E with Bluetooth 5.2 or higher (external dongles NOT accepted).	<input type="checkbox"/> Yes <input type="checkbox"/> No	
B19	Expansion Slots		1x PCIe x16 (Gen4) occupied by GPU, 2x PCIe x1 free slots	<input type="checkbox"/> Yes <input type="checkbox"/> No	
PERIPHERALS					
B20	Mouse		USB Optical 3-button with Mouse Pad	<input type="checkbox"/> Yes <input type="checkbox"/> No	
B21	Keyboard		USB 104-key with Windows keys, wired, business-grade	<input type="checkbox"/> Yes <input type="checkbox"/> No	
POWER SUPPLY					

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B22	Power Supply	PSU	Minimum 500W 80+ Gold Certified (higher wattage fully compliant). Must be sufficient for all components with adequate headroom.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
SOFTWARE & DOCUMENTATION					
B23	Driver Software		All hardware drivers on USB or CD media (download links only NOT acceptable)	<input type="checkbox"/> Yes <input type="checkbox"/> No	
B24	Documentation	Included Materials	User manuals, warranty cards, product datasheets physically included	<input type="checkbox"/> Yes <input type="checkbox"/> No	
CERTIFICATIONS & SECURITY					
B25	Energy Certification	Standard	Energy Star Certified or EPEAT Gold registered	<input type="checkbox"/> Yes <input type="checkbox"/> No	
B26	Security	Physical Security	Cable lock slot, chassis lock, padlock loop present	<input type="checkbox"/> Yes <input type="checkbox"/> No	
B27		TPM	Integrated TPM 2.0 hardware chip, enabled by default in BIOS	<input type="checkbox"/> Yes <input type="checkbox"/> No	
OPERATING SYSTEM					
B28	OS		Windows 11 Pro 64-bit OEM (Digital License embedded in BIOS or license key affixed to unit)	<input type="checkbox"/> Yes <input type="checkbox"/> No	
B29		License Verification	OEM will verify originality. Fake or non-genuine licenses will lead to disqualification and further action as per Government Procurement Guidelines.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
WARRANTY					
B30	Warranty	Warranty Period	3 Years Comprehensive Onsite Warranty (parts + labour) for system unit and monitor. Next Business Day onsite response (technician physically present at site) required.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
B31		Post-Warranty	Separate 2-year maintenance proposal with costs to be submitted	<input type="checkbox"/> Yes <input type="checkbox"/> No	
VENDOR REQUIREMENTS					
B32	Vendor Requirements	Business Registration	Registered in Sri Lanka. Copy of Business Registration (BR) attached.	<input type="checkbox"/> Yes <input type="checkbox"/> No	

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S/N	Category	Sub Category	Specification	Bidder's Compliance (Yes/No)	Remarks / Attachment Page
B33		Experience	Bidder must provide a minimum of 3 completed Purchase Orders (POs) or Delivery/Completion Certificates from government or corporate enterprise clients, of which at least 2 must be from government institutions, issued within the last 5 years. Copies must be attached.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
B34		Engineers	Minimum 2 qualified engineers with demonstrated experience in desktop/workstation hardware support. Employment details, professional certificates, and CVs outlining hardware experience must be attached.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
B35		Service Center	Fully functional service center in Sri Lanka. Address, photographs, and contact details provided.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
B36		Spare Parts	Written commitment for minimum 5 years spare parts availability attached	<input type="checkbox"/> Yes <input type="checkbox"/> No	
B37		Support Hours	Business hours: 8.30 AM – 4.30 PM, Monday to Friday	<input type="checkbox"/> Yes <input type="checkbox"/> No	
B38		Escalation Contact	Escalation-level contact name and number attached	<input type="checkbox"/> Yes <input type="checkbox"/> No	
B39		Manufacturer Authorization	Valid Manufacturer Authorization Form (MAF) from brand attached	<input type="checkbox"/> Yes <input type="checkbox"/> No	
B40		Past Performance	Minimum 3 Purchase Orders (POs) or Completion Certificates from government/corporate clients attached	<input type="checkbox"/> Yes <input type="checkbox"/> No	
B41		Blacklisting Status	Self-declaration on letterhead: Not blacklisted by any government institution in Sri Lanka	<input type="checkbox"/> Yes <input type="checkbox"/> No	
ASSEMBLED MACHINE RESTRICTIONS					
B42	Branded System		Assembled/white-box machines STRICTLY PROHIBITED. Only genuine branded enterprise systems accepted.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
B43		OEM Components	All internal components must be OEM with manufacturer part numbers traceable to brand. Generic components NOT accepted.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
B44		Service Tag	Each unit must have unique manufacturer service tag / serial number verifiable on OEM official website for warranty status.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
B45		BIOS	Original manufacturer BIOS with brand logo during boot. Generic or custom BIOS NOT accepted.	<input type="checkbox"/> Yes <input type="checkbox"/> No	
B46		Verification	Serial numbers may be verified directly with OEM. Discrepancy may result	<input type="checkbox"/> Yes <input type="checkbox"/> No	

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			in contract termination and further action as per Government Procurement Guidelines.		
COMPLIANCE					
B47	Compliance Report		Full compliance report against all items above (A1-A5, B1-B46) submitted and signed	<input type="checkbox"/> Yes <input type="checkbox"/> No	

PART C: COMMERCIAL OFFER

Description	Quantity	Unit Price (LKR)	VAT (prevailing rate, currently 18%)	Total (LKR)
High-Performance Desktop as per specification (Items A1-A5, B1-B46)	3			
27" QHD Monitor as per specification (Items B11-B12)	3			
Grand Total (Including VAT): LKR _____				
2-year maintenance proposal				

Delivery Timeline

Item	Commitment
Delivery Lead Time	_____ days from receipt of Purchase Order (not exceeding 60 days)
Delivery Location	Survey Department of Sri Lanka, Colombo

PART D: WARRANTY DECLARATION

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I/We hereby declare that:

#	Warranty Commitment	Details
1	Warranty Period	3 Years Comprehensive Onsite Warranty (Parts + Labour) for all units and monitors
2	Response Time	Next Business Day onsite response (technician physically present at site)
3	Coverage	Includes all components (CPU, motherboard, GPU, RAM, drives, PSU, monitor)
4	Service Location/ Survey Department Premises	Through our local service center in Sri Lanka as declared in Item B35
5	Post-Warranty	2-year maintenance proposal submitted separately with costs as required in Item B31

PART E: BIDDER DECLARATION

I/We, the undersigned, hereby confirm and declare that:

#	Declaration	Confirmation
1	All information provided in this bid is true and correct.	<input type="checkbox"/>
2	Offered systems are genuine branded enterprise computers, NOT assembled or white-box machines.	<input type="checkbox"/>
3	Each unit has a unique manufacturer service tag verifiable on OEM website.	<input type="checkbox"/>
4	Business Registration copy and all required documents are attached.	<input type="checkbox"/>
5	We accept inspection and OEM verification of serial numbers before final acceptance.	<input type="checkbox"/>
6	We understand that false declaration will lead to disqualification and further action as per Government Procurement Guidelines.	<input type="checkbox"/>
7	We have read and understood all specification items (A1-A5, B1-B47) and confirm compliance.	<input type="checkbox"/>

Authorized Signatory:	_____
Name:	_____
Designation:	_____
Company Name:	_____
Date:	_____

Company Seal:

Soft copy of filled specs and this document must be emailed to address snrsspns@survey.gov.lk, and asstdirit@survey.gov.lk after sealed bid submitted

For clarifications: 0112369244