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INDUSTRIAL KIOSK



Sl	Specification	Parameter
1	Kiosk Peripherals	21" Industrial touch Monitor • Minimum 21" or higher LED/LCD display • Resolution: Full HD (1920×1080) or higher • Touch Type: Projected Capacitive (PCAP) • Brightness: 200 nits or higher • Protection: MoHs 7 scratch-resistant or better • Screen IP Rating: Minimum IP65 dustproof and water-resistant • Duty cycle- 24x7 hrs • Contrast ratio- 1000:1 • Backlit life- 40000 hrs or more • Cover glass thickness- 3mm or less • Input/output- HDMIx1, USB 2.0x1, 3.5mm audio inx1, Display portx1, VGAx1 or more • Operating System- Window/Linux • Operating temperature- 0-50 (°C) or better • Response time- 25ms or better • The display unit shall be a factory-integrated industrial touchscreen module from the original manufacturer (OEM). The protective glass and touch layer shall be Factory bonded (laminated) and Part of a single integrated unit The following will NOT be accepted for touch monitor: • Separate external glass/acrylic sheet mounted in front of the display • "Sandwich-type" construction (display + air gap + protection glass) • Locally fabricated protective layers added by kiosk vendor Wired Headphone • Microphone- Dual Microphone for Noise Cancellation • Frequency response- 20Hz - 20000Hz or better • Transducer principle- Dynamic or better • Nominal impedance (Ohm)- 32 Ohm or better • Speaker Driver Size (mm)- 30 or higher • Call Indicator-Yes • Noise Cancellation- Yes • Rotating Mic Left and Right- Yes • Pick-up pattern- Bidirectional • Type of connectivity- USB • Length of Cable- 1.5 mtr or more Webcam • Resolution- Full HD or better

		• Field of view- 55° or better • Zoom- 1x or better • Image sensor- 2MP CMOS or better • Omnidirectional Mic range- 1 mtr or more • Connectivity- USB-A 2D Handheld Scanner (2D Barcode Scanner) • Image (pixels)- 1280(H) X 1080(V) or better • Light Source illumination- 4000K LED + 600nm LED or better • Field of view- 8.5° (H) x 30° (V) or better • Interfaces- USB and RS 232 • Motion Tolerances- 2m/s or better • BIS Certified • Operating temperature- 0-50 (°C) or better • Humidity- 0% to 95% or better Biometric Fingerprint Scanner • Fingerprint Sensor Type Optical Scratch-Free Sensor or better • Spatial Resolution- 500 DPI +/- 2% or better • Image Grayscale- 256 (8 - Bit Gray Level) or higher • Acquisition Time- < 2 Sec or better • Image Size- 296 x 354 Pixels • Light Source Red LED • Interface- USB 2.0 • IP Rating- IP54 • BIS and Rohs certified • Operating Temperature- 0 to 50 deg C • Operating System- Windows, Linux, Android 1 KVA Online • UPS must be Mounted inside kiosk enclosure and Properly ventilated and secured • Capacity: Minimum 1 KVA or higher • 1 Phase IN & 1 Phase Out. • UPS Should provide 6090 minutes or higher backup • UPS shall be with input power factor correction (PFC). • Input Frequency Range 40 to 70 Hz auto sensing • Output Connections- 4 or more of Indian sockets • Output Wave Form- Pure sine wave • Crest factor- 3:1 or better • Output Short circuit Protection- Electronic / Fused • Measurements (On LCD)- Input: Voltage / Frequency • Fault Indication (On LCD)- Like battery low/ Failed/ overload
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		• UPS should start up automatically on mains resumption after battery low shutdown • Management Port- USB + RS232 + SNMP slot • Operating Temperature- 0 to 40 deg C or higher • ISO 9001, 14001 and BIS Certified FANLESS Mini PC • Form factor: mini PC (Fanless cooling) • PC Size: < 1L (SoC) or better • Processor: N150, Intel quad core or higher • RAM: Minimum 16GB DDR5 or higher • ROM: Minimum 256GB SSD or higher • RJ45: 2 or more • Video Output: 2 x HDMI or more • USB Ports- • 3 x USB 3.2 or more • 1 x USB type-C or more • 3 x USB 2.0 or more • Wi-Fi and Bluetooth- yes • OS Support- Windows 10/11 IoT Windows 11 Linux or better • PC must support Auto Power ON after AC power restoration and enabled in BIOS • Pre-installed genuine Windows 11 Pro (64-bit) OEM license with BIOS/UEFI embedded product key • No trial, KMS, MAK or pirated versions of Windows license Documents Required for all above items • ALL above Peripherals must have USB connectivity • Product Datasheet and website links need to provide to verify the items specifications • OEM Authorization for all above items on OEM letter head • Technical Compliance from OEM/bidder on OEM letterhead with model no meeting tender specifications.
2	Enclosure	Kiosk Enclosure • Material: Powder-coated mild steel / stainless steel • Design: Industrial rugged enclosure • Passive Cooling / Filtered Fan based ventilation • Mounting: Floor standing • Cable management: Internal routing • Lockable access panels for maintenance • The kiosk shall have a dedicated protective earth (PE) connection from the incoming power supply. • The metal enclosure shall be properly bonded to earth & electrically continuous across all panels and doors.

		- Kiosk must have External power ON/OFF switch or industrial - push-button mapped to PC power
3	Environment	- Operating Temperature: 0°C to 40°C (minimum) - Humidity: Up to 90% non-condensing - Dust Protection: IP54 or better - Suitable for non-air-conditioned workshop floors
4	Warranty	Seller should provide minimum 3 years onsite warranty and 5 years spares availability..
5	Mounting	- The kiosk shall be designed for secure floor mounting using anchor bolts and suitable fasteners. - There should be a minimum floor clearance of 75 mm (3 inches) between the base of the enclosure and finished floor level. - Clearance shall be sufficient to prevent ingress of oil, coolant, water, and cleaning fluids and should allow easy floor cleaning and maintenance - Kiosk shall be supported using Industrial-grade legs / pedestal / base frame - Support structure must be Corrosion-resistant (powder-coated / stainless steel) and Mechanically robust for industrial use - Cable entry points from bottom (if any) must have Gland sealing / grommets to prevent fluid ingress. - Seller should provide raised platform with drainage-friendly design
6	Onsite Spares	The Seller has to provide following essential spared along with the supply. - Display Unit -2 Nos - CPU Unit - 2 Nos - Rugged Keyboard & Mouse Unit 2 Nos

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