



**Board of Intermediate Education**  
Bakhtiar Youth Center, North Nazimabad,  
Karachi - 74700

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No. BIE/AG/L&N/1584/2025

DATED: 19.12.2025

**REQUEST FOR QUOTATION**

Description : **Development of Inventory Management Software**  
 Date of Issue : 19-12-2025 10:00 A.M.  
 Date of Submission of Quotation : 24-12-2025 02:00 P.M.  
 Place of work : **GENERAL STORE**  
 Contact Person & Telephone : **Procurement Wing**  
 Old Building, 1<sup>st</sup> Floor, Room No.31  
 BIE, Karachi - 99260211, 99260212, Ext: 130

S#	KEY FEATURES	SPECIFICATIONS
1	Inventory Management	<ul style="list-style-type: none"> <li>• Real-Time Stock Tracking</li> <li>• Multi-Store / Warehouse support</li> <li>• Stock in / out, transfer and adjustment</li> <li>• Product categories, units, variants and batches</li> <li>• Recorder level alerts &amp; automated replenishment</li> <li>• Online requisition from different section</li> <li>• Dispatch management</li> <li>• Inventory valuation (FIFO,LIFO, Weighted Average)</li> <li>• Expiry date tracking (if applicable)</li> <li>• Backup system</li> </ul>
2	Fixed Asset Management	<ul style="list-style-type: none"> <li>• Complete asset registry</li> <li>• Asset tagging and barcode/QR label support</li> <li>• Depreciation calculation (Straight-Line, Diminishing Balance)</li> <li>• Asset assignment to employees / location</li> <li>• Preventive maintenance scheduling</li> <li>• Asset lifecycle stages (Acquisition, Operation, Disposal)</li> <li>• Warranty/AMC tracking</li> <li>• Asset audit &amp; reconciliation</li> </ul>
3	Barcode & QR Code Integration	<ul style="list-style-type: none"> <li>• Barcode / QR generation for products and assets</li> <li>• Label printing support</li> <li>• Mobile or handheld scanner compatibility</li> <li>• Fast stock-tracking using scanning</li> <li>• Quick search and identification of items/assets</li> </ul>
4	User Management	<ul style="list-style-type: none"> <li>• Multi-Level user roles (Admin, Manager, Storekeeper, Auditor, Viewer)</li> <li>• Secure authentication (2FA optional)</li> <li>• Audit trail for every user action</li> </ul>
5	Technology Stack	<ul style="list-style-type: none"> <li>• Frontend HTML / CSS/Java Script/Bootstrap</li> <li>• Backend: ASP.NET</li> <li>• Database: SQL Server</li> <li>• Security: SSL/TLS, AES-256 encryption</li> </ul>
6	Reporting & Analytics	<ul style="list-style-type: none"> <li>• Inventory summary &amp; detailed product reports</li> <li>• Stock valuation reports</li> <li>• Asset depreciation &amp; value reports</li> <li>• Departmental wise item issuance report (Monthly, yearly)</li> <li>• Fixed Asset variance &amp; audit reports</li> <li>• Customizable dashboard with charts</li> </ul>

7	Financial Features	<ul style="list-style-type: none"> <li>• Real-time stock valuation</li> <li>• Purchase &amp; Expense tracking</li> <li>• Asset depreciation summaries integrated with accounting</li> <li>• Export to Excel / CVS / PDF</li> <li>• Integration capable (optional): QuickBooks, Tally, SAP or custom ERP</li> </ul>
8	Security	<ul style="list-style-type: none"> <li>• Encrypted data storage (AES-256), HTTPS with SSL/TLS</li> <li>• IP restrictions / device restrictions (optional)</li> <li>• Automatic session timeout &amp; access logs</li> <li>• Regular database backups &amp; disaster recovery capability</li> </ul>

Note: The firm must sign an after-sale service agreement and shall also provide necessary training to the staff of BIEK.


**Eligibility Criteria:**

Interested firms must meet the following minimum criteria:

- Minimum 3 years of experience in software development
- At least two similar projects completed (proof required)
- Office presence in Karachi
- Capability to provide post-deployment technical support

**Terms & Conditions:-**

1. Sales tax registration certificate (FBR and / or SRB) must be provided at the time of submission of quotation.
2. We reserve the right to cancel any or all the above work if it is not in accordance with our specification or if the work is delayed.
3. The Payment shall be subject to deduction of Income / Sales Tax / SRB at source, satisfactory report of concerned officer, completion certificate and production of Invoice.
4. All taxes shall be imposed as per rule.
5. Liquidity damages shall be imposed as per SPPRA Rules.
6. The rate / item cost once quoted would not be changed.
7. Competent Authority reserves the right to change / alter / remove any item or reduce / enhance work without assigning any reason.
8. No Advance Payment allowed.
9. Do not mention expiry date on quotation and conditional quotation will not be accepted.
10. Quotation must be submitted as per scheduled mentioned in Procurement Wing, Administration General, Old Building, 1<sup>st</sup> Floor, Room No.31
11. Quotation must be submitted in a sealed envelope with Title of Job clearly mentioned on the envelope.

  
**(MUHAMMAD KASHIF SIDDIQUE)**  
 Secretary