

Technical Proposal  
For  
DevNet IT- ERP (D-ERP)  
For  
Garments

2014

Submitted TO: Proposed Client

Submitted By: Dev Net IT

# Technical Proposal For Garments ERP

**Disclaimer:**

These documents are confidential and contains proprietary information and intellectual property of Dev Net IT. Neither this Business Plan nor any of the information contained herein may be reproduced or disclosed under any circumstances without the express written permission of Dev Net IT.

This Business Plan does not constitute an offer to sell or solicitation of an offer to buy securities of Dev Net IT.

## About Dev Net IT

Dev Net IT is one of the best customized software developer and world class IT training provider in Bangladesh. Recently we started exporting our software by outsourcing method. In Bangladesh we have some valued clients who are renowned in their own arena.

Better service is our motto. We develop by what you need what we do technique. Our main technologies are Oracle and Linux.

We have a very strong development and management team and they are our proud. We believe that if everywhere team bonding works well they can work for a long time.

Excellent pool of talents giving you a strategic advantage. Our people are our most valuable asset.

**Dev Net IT** hires and retains the best talent available in Bangladesh to work for and lead its software development organization.

All potential candidates go through a very stringent and rigorous screening, interview and background check process before they are made part of **Dev Net IT's** technical teams.

We are proud of our people and their day to day achievements in producing excellent work products and keeping our customers satisfied and we are determined to keep this culture alive.

Even the best minds need to be constantly challenged and made sharper. In addition to providing an excellent work environment that fosters independent thinking, we provide constant training to all our employees through organized training programs, technical exchange programs and seminars on a wide range of technical, leadership and effective communication topics.

The highly flexible open door culture of the organization and ample career growth and learning opportunities culminate into a motivated, collaborative team of people who always do the right things in the right manner to deliver excellent results for your projects.

**Dev Net IT** teams have demonstrated perfect synergy surpassing customer expectations every single time.

### Introduction:

For the proposed Garments ERP we initially planned for an Integrated Management System with various profitable and easy manageable features for garments.

### Software summary:

We will build an ERP (Enterprise Resource Planning) Model for the system, so that in future you can integrate any related module with it.

Initially there are some main modules as **LC, Procurement, Inventory, Production, Accounts, Fixed Asset etc.**

Optionally we will build some sub modules like information desk, Employees, administrative to control the software as admin and end user.

We will use world's top class database **Oracle**. As you know oracle is the high secured and most powerful database system based on zero data loss features. We will use all oracle tools for high performance, easy manage and scalability.

There will be two groups of user: admin and end user. Admin group will view most features and end user will use only those, what admin assign them. There will be admin for managing the system called IT people.

## Deliverable

### Modules:

1. LC Management ( Finance and Document)
2. Purchase and Storing
3. Sales Management
4. Inventory
5. Production Plan / Production Management
6. Staff Management
7. Back Office Management
8. Financial Management ( General Ledger & Financial Accounts)
9. Fixed Asset Management System

# Module Details

## LC Management

- Customer List.
- New Proforma Invoice.(PI)
- Cancelled Proforma Invoice.
- Pending Proforma Invoice.
- New PI/ product /item wise Shipment.
- Commercial Invoice Wise Shipment.
- L.C. Wise Shipment
- Cash Sales Statement.
- Commercial Document Submitted to Bank.
- Commercial Document without Due Date.
- Overdue Commercial Document.
- Custom In-bond Statement.
- Date Wise Bond Consumption.
- Bond Ledger.
- Bond Summary (Bond number wise Import – consumption – balance).
- Fabric weight against bond.
- Style (Item) Wise Stock, LC balance, To be Produce.
- Auto Generated Commercial Document :
- Proforma Invoice.
- Commercial Invoice.
- Delivery Challan.
- Packing List.
- Undertaking.
- Bill of exchange.

- Beneficiaries Certificate.
- Country of Origin.
- Certificate of Origin.
- Production Certificate.
- Inspection Certificate.
- Bank Forwarding Letter.
- Bond Consumption.
- Delivery Challan.
- Partial Document.
- Customized Reports ( Standard & User Defined)

## Purchase & Storing

- Supplier Listing / Company Entry
- Purchase requisition (PR)
- Purchase Order Approve (POA)
- Purchase Order Cancel (POC)
- Item Re-order Level Listing
- Item Pricing ( Supplier wise/ company wise)
- Pending Purchase Order Information
- Purchase from PO
- Spot purchase
- Stock Receive
- Stock Adjustment
- Customized Reports ( Standard & User Defined)



## Sales Management

- Add New Customer
- Customer Listing
- Bank Information
- Sales Price Fixing (Rate Sheet)
- Rate Sheet Updating
- Sales Order Booking
- Sales Order Analyses and approving
- Sales order wise pre-stocking report
- Sales Order Cancelling
- Party Ledger Management
- Due Collection
- Advance Collection
- Customized Reports ( Standard & User Defined)

## Inventory

- A. Raw Material Inventory
- B. Finished Goods Inventory
- C. Maintenance Inventory

## Raw material Inventory

- Date wise Material Received.
- L.C. Wise Material Received.
- Invoice Wise Material Received.
- Spot Purchased Material Received.
- Suppliers Wise Material Received.
- Item wise Material Received.
- Date Wise Material Issue.
- L.C. Wise Material Issue.
- Invoice Wise Material Issue.
- SR Wise Material Issue.
- Suppliers Wise Material Issue.
- Department Wise Material Issue.
- Item wise Material Received and Issue
- Lot Wise Inventory Received and Issue
- Consumption
- Various Report. (Details and Summary Report)
- Physical Inventory Worksheet.
- Customized Reports ( Standard & User Defined)

## Finished Goods Inventory

- Date Wise Fabric Production (With Roll Number).
- Style Wise Fabric Production.
- Set Wise Fabric Production.
- Packing List Preparation.
- Fabric Stock in hand (Roll Serial No.)
- Fabric Stock in hand (Style no, Roll No).
- Fabric Stock (Opening – Production – Shipment – Balance).
- Date Wise Shipment.
- Customer, L.C, Invoice Wise Shipment.
- Packing List from Shipment History.
- Customized Reports ( Standard & User Defined)

## Machinery and Spare Parts Inventory

- Requisition for Parts / Machine
- Requisition Approval
- Requisition Cancel
- Requisition wise quotation
- Comparative study for Quotation
- PO Preparation
- Purchase
- Date wise Spare parts Received.
- L.C. wise Spare parts Received.
- Invoice wise Spare parts Received.
- Suppliers wise Spare parts Received.
- Item wise Spare parts Received.
- Spare parts Issue.
- L.C. wise Spare parts Issue.
- Invoice wise Spare parts Issue.
- SR Wise Spare parts Issue.
- Suppliers wise Spare parts Issue.
- Department wise Spare parts Issue.
- Physical Inventory Worksheet.
- Return of Spare parts / Machine
- Customized Reports ( Standard & User Defined)

## Staff Management

- A. HRMS
- B. Attendance & Shift
- C. Payroll
- D. Leave Management

### *Features*

#### Staff management

1. Management meeting
2. Staff requisition
3. Advertisement
4. Application receive
5. CS ( Comparative Study )
6. Summary list of Candidate
7. Interview
8. Interview result process
9. Candidate selection
10. Appointment letter issue
11. Official process for new staff
12. New staff assignment
13. Work / duty distribution
14. Personal Information of staff
15. Staff attendance process
16. Duty roster / shifting
17. Staff salary process
18. Staff allowance process
19. Staff advance salary
20. Staff Loan process
21. Staff PF process
22. Staff leave management
23. Staff punishment
24. Staff Job off/ fire process/ dismissal
25. Staff pension

26. Staff death case
27. Staff performance analyses
28. Staff awarding
29. Customized Reports ( Standard & User Defined)

## Back Office Management

1. Office setup ( Building, floor, room etc)
2. Staff information
3. Department setup
4. Designation setup
5. HR policy setup
6. Leave setup
7. Attendance rules setup
8. Company / supplier/ vendor setup
9. Purchase policy setup
10. Committee organization
11. Damage goods storing
12. Damage goods repair or destroy
13. Employee bonus process
14. MIS Reports
15. Customized Reports ( Standard & User Defined)

## Production Management System

### A. Pre-Production Features

- Design Management Module
- Spec Sheets
- Pattern Cards
- Fabric Tech Sheets

### B. Production Features

- Production Management /Planning
- Cut and Sew (Domestic) Production
- Embellishment Production
- Blank Production
- Multiple Stages of Production
- Import Production
- Material Requirement Planning
- Customized Reports ( Standard & User Defined)

## General Accounts:

- Chart of Account
- Credit Voucher Transaction List:
- Debit Voucher Transaction List :
- Journal Voucher Transaction List
- General Ledger
- Daily Cash and Bank Statement
- Bank Reconciliation Statement
- Statement of Party
- Trial Balance
- Trial Balance (Closing)
- Accounts Receivable
- Accounts Payable
- Budget Variance

- Balance Sheet
- Income Statement
- Cash Flow Statement
- Receipt and Payment Account Statement
- Customized Reports ( Standard & User Defined)

## Fixed Asset Management System

### Features Summary: (Fixed Asset)

- Asset Information
- Purchasing Interface
- Inventory Editing and Posting
- Purge Retired Assets
- Transaction History
- Year End Processing
- Customized Reports ( Standard & User Defined)

### Functions Summary (FA)

- Record the asset's cost information, as required by your procurement system and fixed asset management system
- Track depreciation on fixed assets
- Purchase price & current valuation;
- Lease & rental information;
- Supplier and maintenance provider;
- Record the asset's physical information, e.g. Model, serial number, specs, manufacturer
- Record and update the people who have custody of the asset at any point of time
- Provide the information any time on where this asset is located physically and organizationally
- Provide customized reports as defined by users
- Provide an exhaustive list of asset disposal options, including reuse and redeployment, resell, and recycle
- Connect with network auto discovery tools to constantly reconcile with asset inventory
- Database

### Information Desk:

1. Procurement Status
2. Employee status
3. Product information
4. Rate sheet
5. Service list
6. Service price
7. Client Information
8. Employee Leave status
9. Employee Attendance Status
10. Vehicle Info

### Admin Module

1. User password management
2. User control
3. Menu permission
4. Form assignment
5. Procurement Management ( Approval / Cancel)

### Management Advantage:

1. Auto accounts
2. Auto tracing
3. Vat Tracking
4. Tax and other charges Tracking
5. Short time decisions
6. More profitable
7. Anti theft or corruptions



### Technology Overview:

1. Complete ERP
2. Fully automated
3. Based on paper less concept
4. Easy maintenance
5. User friendly as non it can handle the system
6. All module integrated
7. Auto ledger and voucher process with other modules integrated with GL
8. Separate and combined income and expense
9. Single database process
10. Less use of hardware resource
11. More than 350 standard and customize report reports
12. Zero data loss process
13. Lost / damage inventory [ first in Bangladesh]
14. More profitable
15. International Business rules
16. *Dual system database for Tax and vat*
17. Virus free solution

### Tools and Technology:

- Front End: Oracle Forms Developer 10gR2
- Back End (Database): Oracle Database 10gR2 / 11gR2
- Middle Tier: Oracle Application Server 10g
- Reporting Tools: Oracle Report Builder 10g
- Support tools: Team viewer, Putty, VNC
- Report Format: PDF
- Operating System : (server): RedHat Linux 5 +
- Operating System : ( Client/ User): Windows xp/ win7
- Server(DB): Standard Server Based on 16GB RAM
- Server(APPS): Standard Server Based on 16GB RAM
- Client PC: Standard 2GB Ram , Dual core+
- Others Tools: Standard LAN
- 2G / 3G Internet

### Technical Benefits

- World Top Database
- Top security
- High volume of Data
- Best performance
- 0% Data loss Technology
- Admin managed software security
- On Demand Report
- Easy Manage DB and Backup –Recover-Restore

### Development / Customization:

#### Method / process:

1. Requirement analyses
2. Scope define
3. Developers note define
4. Client approval
5. Design and development
6. Deploy & UAT (User Acceptance Test)
7. Tuning
8. Production / Final Delivery
9. Support and Service
10. Annual Renewal or Update Subscription

**Support & service:**

Initially 3 years support and service contact with a negotiable amount.

- 0.1 Three (3) months will be for warranties, supports and Maintenance for this software after the implementation date;
- 0.2 Any bug or errors encountered by the user within this period in the software will be fixed free of cost by the developer.
- 0.3 After free Warranties, supports & Maintenance, the customer might come under a new support and Maintenance agreement with negotiated cost.
- 0.4 The Customer acknowledges that:
  - (a) Complex software is never wholly free from defects, errors and bugs, and the Developer gives no warranty or representation that the Software will be wholly free from such defects, errors and bugs;
  - (b) The Developer has designed the Software to work in the Environment, and the Developer does not warrant or represent that the Software will work in any other hardware or software environment;
  - (c) The Developer does not warrant or represent that the Software will be compatible with any application, program or software not specifically identified as compatible in Schedule [1]; and
  - (d) the Developer will not and does not purport to provide any legal, taxation or accountancy advice under this Agreement or in relation to the Software and (except to the extent expressly provided otherwise) the Developer does not warrant or represent that the Software will not give rise to any civil or criminal legal liability on the part of the Customer or any other person.

**Requirements: (Software Maintenance)**

1. A server room with AC and airy
2. IT room or working facility for support team
3. Internet facility with a minimum bandwidth of 512 KBps.
4. Snacks and drinking water and washroom facility for the support team
5. Transportation cost [ Special and critical case]

Regards

Md. Asaduzzaman Sikder

Director,

Dev Net IT

(01680764091)

Feb-24, 2014