

Our Ref: CL/SC/d-base

31 -01-2011

Subject : Quotation for Sample Management Information System and Inventory management Application in Central Laboratory, Sahibabad.

Dear sir,

1. We intend to Develop Sample Management and Information system and Inventory Management application for the use of our Laboratory as per the requirements enclosed at Annex-I. The duly filled sealed tender document with required EMD may be sent to the following address on or before 1500hrs 28Feb 2011.

Head (CL)
Central Laboratory
Bureau of Indian Standards
20/9 ,Site –IV
Sahibabad Industrial Area
Ghaziabad,UP-201010

2. Bids may also be dropped in the tender box kept on the security gate of CL.
3. Obtained bids shall be opened on the same day (i.e 28 .02.2011) at 1530hrs in the Conference hall of central Laboratory. Representatives of the firms may present themselves in the bid opening.
4. Terms and conditions are enclosed with the tender document.

Yours faithfully,

(Nawal Kishore)
OIC(Sample cell)

Phone : 0120-4177115, FAX : 0120-2770416

Bureau of Indian Standards
Central Laboratory Sahibabad

Inviting Quotations for Sample Information Management System and
Inventory Management Application

Sealed quotations are invited from competent bidders. The details regarding specification of the requirement are mentioned in the attached document (ANNEXURE-I). Quotations form (ANNEXURE-II) duly signed by the authorized representative of the firm and filled in all respect in exact prescribed format given in this document, duly super scribed “**Quotations for Sample Information Management System and Inventory Management Application**” in the envelop, should reach the following address or alternatively may be dropped in the tender box kept at the security gate of CL:

Head (CL)
Central Laboratory
Bureau of Indian Standards
20/9 ,Site –IV
Sahibabad Industrial Area
Ghaziabad,UP-201010

Bidders may get themselves familiarize with the exact domain, requirement, volume and basic design of the software before quoting the price.

Introduction

BIS Central Laboratory, Sahibabad is a National Standards Testing Laboratory catering the independent testing requirements of its approximately 34 branch offices and more than 23000 licensees across the country. Laboratory intends to install an integrated End-to-End Sample Management and Inventory management software package to improve the quality & transparency in the overall system of the Laboratory. The software should be generic, highly flexible and easily customizable. The package should be divided into two different modules based on its requirement and application:

1. Sample Information Management System

1.1 Technology Requirement

- 1.1.1 The integrated modules should be web-based, on open source Linux/window platform (as per the compatibility with existing CMMS/ BIS Intranet) and developed on 3-tier architecture. The state-of-the-art technology should have the presentation layer (Client) of ASP, using .NET platform and VB language and/or other advanced technologies implementation using Data layer (Database Server) with MySQL. The technology should support both BIS intranet & internet operation using individual unique code number & password.
- 1.1.2 It shall have forward & backward integration of all aspects of Sample Management system. Shall be compatible with LAN /VPN with user type based access points.
- 1.1.3 It should be possible to build the SIMS modules into a fully integrated system and various modules shall be totally interlinked. As far as possible, system shall remove duplication of work.
- 1.1.4 Every module shall be provided with user login & password security.
- 1.1.5 No unauthorized access to modules.
- 1.1.6 Facility shall be provided for System administrator for creation of desired number of Users for various modules. To different user, depending upon his level & work done by him, various privileges can be given by system administrator. He can give access to specific menus & submenus to a user.

1.2 Functional requirements:

Data Entry/Warehousing

1.2.1 The Samples received in Sample cell have testing requirements of following different laboratories, the entry in the database shall be made accordingly in respective lab menu.

- Mechanical Testing
- Electrical Testing
- Chemical testing

1.2.2 Sample detail entries as per requirements (i.e Sample Code (as given by BO), Date of dispatch, IS no. ,Sample quantity etc) shall be made by the Sample Cell in a separate menu/ database.

1.2.3 Provision of separate menu shall be provided for the entry of disputed samples indicating corresponding reasons. Pop up alert shall be flashed to the respective BO as regards to disputed Samples.

1.2.4 A unique Lab code shall be generated for each Sample for each type of testing laboratory (i.e Elec,Mech and Chemical). The access specified to the respective Lab shall be restricted to this unique lab code only.

1.2.5 The application shall have separate sub module as per Quality procedures and Quality Formats for samples accepted by each type of Lab.

1.2.6. Yearly inflow of samples is approximately 7000 and may increase in future. database capacity may be considered accordingly.

1.2.7 Library creation facility in the form of CDs/DVDs shall be available for the samples received in a particular time period in order to have a backup.

1.3 Data Mining

1.3.1 The date wise list of Samples received in sample Cell shall be made accessible to GLs/OICs/HOLs of respective Lab for their acceptance/non acceptance as per Status report. GL/OICs shall indicate the acceptance non acceptance of the Samples in a drop box indicating the reasons of non acceptance if any.

1.3.2 A print out of sample data sheet containing samples which are indicated as accepted shall be obtained for each testing sections (E/C/M). The above list shall be sent to testing section along with the samples. A separate print out shall be generated for the records of sample cell indicating all possible details regarding the sample as per the quality format.

1.3.3 samples indicated as non accepted shall be diverted to OSL/BIS labs as per procedure.

1.3.4 Pre defined search parameters for the module of branch office:

- Status of the Sample based on Sample Code/Branch code (Under test /TR issued/ disputed/return/Diverted etc) indicating reasons.
- List of disputed samples for each branch office.
- Any other as per feedback during test run.

1.3.5 Pre defined search parameters for the module of Sample Cell:

- Search for status of sample by Branch code.
- Status of sample by Lab Code.
- Count of samples received in Each testing section.
- Count for total no. of samples received during a particular time period.
- Total no. of disputed samples.
- No of disputed samples of a particular branch.
- No of samples Diverted to BIS Labs during a particular period.
- No of samples diverted to OSL during a particular period.
- No of samples received pertaining to a particular IS no. (product)
- Any other provision if required.

2. Inventory Management Application

2.1 Technical Requirements

2.1.1 This application is required for the inventory management in the Central Laboratory and shall be used by the general Store of central laboratory.

2.1.2 The type of the software will be of window based compatible to LAN in the premises of the Central Laboratory only. The application software should have the features so that output will be displayed on a pre – designed format & print outs will have be taken out at any time. There should be also options to display statistics. For ex: - the total number of Items available, total no of items issued to a particular section etc. The proposed application software should have the options such that as & when additions & issuance are made automatic updates will be done at the statistics mode for the inventory items

2.1.3 The Inventory items may be listed Alphabetically.

2.1.4 The access for the entry in the database shall be given to the store keeper/ Admin Section only. Automatic statistical updating shall be provided during purchase of items or issuance so that available stock at any time may be verified.

2.1.5 There shall be a minimum stock limit (MSL) for each item. As and When the available stock comes down to the level of minimum stock a pop up alert shall be generated so that indent for purchase of the item shall be provided to the respective purchase section.

2.1.6 The software should be able to provide various access to users at different level

3 Terms and Conditions

3.1 The bidder should have installed the similar database software at the minimum a total 2 positions.

3.2 The bidder shall be in a position to give the complete source code with documentation to Bureau of Indian Standards (BIS). The source code shall be available on our server without any lock for BIS Administration and at no extra cost. The successful bidder may be required to train BIS staff on the source code so that in case of unforeseen circumstance, these staff of BIS can take care of the proposed application. The firm shall give an undertaking to maintain the confidentiality of the information available in the application.

3.3 Bidders may get themselves familiarize with the exact domain, requirement, volume and basic design of the software before quoting the price.

3.4 The firm shall have valid PAN and TIN (Service tax)No.

3.5 The selection of the suitable firm shall be made by a special committee constituted by Competent Authority for the purpose. The committee scrutinizes the obtained bids based on the competency, experience and the price quoted by the firm. Decision of the competent authority shall be acceptable to the bidders in all circumstances.

3.6 Payment to the firm shall be made only after successful development and installation of the application(s) on BIS server /CL server and after successful test run of the application for at least one month.

3.7 The price quoted by the firm shall include minimum on site warranty of one year.

3.8 The firm shall have experience of minimum two such project of similar nature.

3.9 The work shall be completed within two months from the date of issue of the work order. Delay in execution of the work shall attract a penalty of 1% of the contract amount per week or part thereof.

3.10 EARNEST MONEY DEPOSIT and PERFORMANCE SECURITY DEPOSIT

Earnest Money - The agency shall deposit a sum of Rs 3000/- as earnest money through a demand draft in favour of Bureau of Indian Standards, payable at Ghaziabad at the time of submission of tenders, otherwise bids will not be considered at all. The Earnest Money of successful bidder will be returned only after furnishing of the performance security. The Earnest Money of the unsuccessful bidder will be returned.

Performance Security – The agency shall be required to deposit a sum equivalent to 10% of the total work order at the time of signing the contract as performance security in cash/demand draft/term deposit or provide a Bank Guarantee for the said amount from a Scheduled bank, pledged in favour of Director General, Bureau of Indian Standards, New Delhi. No interest shall accrue on this amount. The security amount shall be repayable after expiry/termination of contract after deduction of penalty/other dues, if any.

4.0 TERMINATION OF CONTRACT AND PENALTY

- 4.1 If the services provided by the agency under this contract are not to the full satisfaction of BIS CL, the contract may be terminated by BIS CL. The decision of BIS CL in this regard shall be final and binding on the agency.
- 4.2 In case of non-compliance with the contract, BIS shall reserve the right to cancel/rescind/revoke the contract and impose suitable penalty in proportion to damages. BIS reserves the right to forfeit the EMD/ PBG deposited by the firm for the purpose
- 4.3 The max. response time for repairing the system shall not be more than two day and penalty for failure of the agency to repair the system/ within the response time will be Rs 500/- per day.
- 4.4 The Firm shall submit an undertaking that the information available in the application shall be kept confidential and secure.
- 4.5 The bid shall be valid and open for acceptance of the competent authority for a period of 90 days from the date of opening of the bids and no request for any variation in quoted rates and withdrawal of the tender on any ground by successful bidder shall be entertained.

5 ARBITRATION

- 5.1 In the event of any dispute or difference relating to service (whether during the service period or upon its completion) the same shall be settled amicably through mutual discussions, or shall be referred to the sole arbitrator of a person appointed by the Head, CL BIS.

6. JURISDICTION

- 6.1 The court at Ghaziabad alone shall have the jurisdiction in any matter arising out of relating to or touching this agreement.

Declaration by the bidder

Sl No.	Particulars	
1.	Name and address of the firm with contact no.	
2.	No of technical staff/ competent manpower. (Attach supporting documents)	
3.	PAN and TIN No. (attach supporting document)	
4.	Total price quoted by the firm for Sample Information and Management System (as cl. 1 of Annexure-I, above) and Inventory Management System (as cl. 2 of Annexure-I, above) including one year onsite warranty. Warranty period shall start from the date of successful installation and completion of test run of the application.	
5.	Price quoted for onsite AMC after the expiry of warranty period. (No escalation in AMC amount is acceptable for a period of at least three years after the completion of warranty period).	
6.	Does the bidder agree to give source code to BIS for further modification by BIS . This handover of source code shall be totally unconditional for the use of BIS	
7.	Experience of at least two similar work executed by the firm. (attach supporting documents)	
8.	EMD of Rs 3000.00 in the form of DD payable to Bureau of Indian Standards Sahibabad.	
9.	Undertaking by the firm for the confidentiality of the information as per cl 4.4 Annexure-I)	

Declaration by the bidder:

This is to certify that I/We before signing this tender have read and fully understood all the terms and conditions contained herein and undertake myself /ourselves to abide by them

1. DD/Pay order No.....
2. Terms and conditions(each page must be signed and sealed)

Authorized Signatory & Seal