Notice Inviting e-Tender

Tender Reference No. RMIC-LIB/10/2024-25/1

E-Tender are invited by the Secretary, The Ramakrishna Mission Institute of Culture, Golpark, Kolkata – 700029 for Migration of Library Management Application Software VLMS from software development companies and the details of which will be available in the website www.sriramakrishna.org in from 03/08/2024. Last date of submission of tender is 18/08/2024 up to 12 Noon ISD.

Secretary
The Ramakrishna Mission Institute of Culture
Golpark, Kolkata – 700029

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3 August, 2024

Tender Notice

Subject: Migration of Library Management Application Software VLMS

Organization: Ramakrishna Mission Institute of Culture, Gol Park, Kolkata-29

Introduction: Ramakrishna Mission Institute of Culture, Kolkata, invites sealed tenders from reputed software development companies for the migration of its existing Library Management Application software VLMS.

Scope of Work:

1. **Current System Details:**

o Application Package: Developed using Visual Studio 2010

o ASP.Net

o Crystal Reports Writer

o Database: Oracle 11G R2

2. **Proposed Migration:**

o Migration of application package to Visual Studio 2022.

o ASP.Net Core, C-Sharp

o SAP Crystal Report Writer

o Migration of database from Oracle 11G R2 to Postgres SQL 16.2.

3. **Key Deliverables:**

o Successfully migrated and fully functional Library Management Application software with **Source Code & Functional Logic etc.**

o Documentation outlining the migration process, configurations, and any necessary training materials.

4. **Requirements:**

o The software development company must have proven experience in migrating applications from Visual Studio 2010 to Visual Studio 2022.

o Expertise in migrating databases from Oracle to Postgres SQL.

o Ability to adhere to project timelines and provide ongoing support post-migration if required.

5. **Submission of Tenders:**

o Interested parties are requested to submit their tenders **(Technical & Commercial Bid)** in sealed envelopes marked "Tender for Migration of Library Management Application Software" to the following address: [Secretary, The Ramakrishna Mission Institute of Culture, Golpark, Kolkata-70029]

6. **Deadline for Submission:**

o Tenders must be submitted no later than [18th August, 2024]. Late tenders will not be considered.

7. **Contact Information:**

o For any inquiries regarding this tender, please contact [Swami Chidrupananda, 9831643570].

Additional Information:

- Ramakrishna Mission Institute of Culture reserves the right to accept or reject any or all tenders without assigning any reason.
- The tender notice does not constitute a binding agreement or commitment.

Issued By: [Secretary, Ramakrishna Mission Institute of Culture [3 August, 2024]

VLMS – Vivekananda Library Management Software - Scope

Summary

Srl#	Modules	Prefix Code	Master Maintenance	Transaction	Reports		Notes
1	Common	N	22				Common Master and Management Module
2	Catalogue	C	16	7	8		Books Catalogue Module
3	Acquisition	A		25	21		Books Acquisition Module
4	Periodical	P	5	29	20		Journal Management Module
5	Membership	M	5	7	10		Member Maintenance Module
6	Circulation	I	16	16	16		Books Issue Circulation Module
7	Biblio (OPAC)	O		8			Public Access Module
8	Binding	B	3	10			Books Binding Information Module
9	Web OPAC	W					ON-Line Public Access Module
10	Rare Digitization	R		11	2		Rare Books in Digital Format
11	Audit Trail	BACK					Edit and Update Information

Total:	257		67	113	77	

1. **Common Module**

Menu Type	Srl#	Menu Name	Report Criteria
Master Entry			
	1	Organization	
	2	Language	
	3	Library	
	4	Department	
	5	Faculty /Staff	
	6	Module	
	7	Menu	
	8	User Group	
	9	User	
	10	User Group-Module-Menu Relation	
	11	Help Message	
	12	Document Type	
	13	Accession Serial No.	
	14	Publisher	
	15	Vendor / Donor	
	16	Currency	
	17	Fund	
	18	Country	
	19	Bank	
	20	Separator	
	21	Combo Value	
	22	Table & Menu name	

2. **Catalogue Module**

Menu Type	Srl#	Menu Name	Report Criteria
Master Entry			
	1	Author	
	2	Author Type	

	3	Subject Main / Sub Group DDC 1st and 2nd Summary	
	4	Sears' Subject Headings type	
	5	Subject Headings	
	6	Title	
	7	Title Type	
	8	Publisher	
	9	Vendor/Donor	
	10	Note Key Type	
	11	Author Maintanence	
	12	Subject Headings Maintanence	
	13	Title Maintanence	
	14	Publisher Maintanence	
	15	Class/Call Number Maintanence	
	16	Marc21 Tag Entry	
Transactions			
	1	Cataloguing Single/Volume/Added	
	2	Change Of Cataloguing	
	3	Search Documents	
	4	Review & Process	
	5	Released For Circulation	
	6	Cataloguing In Marc21	
	7	Export / Import In Marc21	
Reports			
	1	Aacr2r Card Generation	All Card Generation
			Main Card Generation
			Added Card Generation
			Series Title Card Generation
			Analytical Card Generation (Author, title, Subject)
			Exclude Volume Contents
			Exclude Note
			Exclude Tracing
			Exclude Analytical Cards
			Title Capital
			Exclude Duplicate Accession number
			Native Card

			Exclude Accession number
			Pseudonym Author Card (See / See Also)
			Alternate Subject Card (See / See Also)
			Size Font for body and accession number
	2	Bibliographical Report	Format based on: Author wise, Call number wise, Title wise, Subject key wise, Publisher wise, Language
	3	List Books Processed	Catalogue Date range
			User wise
			Release Date range
	4	List Of Books Accession Wise	
	5	List Of Books Status Wise	Date range
			Available/Lost/discarded/withdrawn/ etc.
	6	List of books	date range
			call number range
			Status available/binder/lost (multiple selection)
			order on call number, (order on Accession Number)
	7	Status	Date Range
			Books received, books processed, books yet to be processed
			User wise
			Subject key wise
			Call number wise
	8	Marc Tag Wise Report	Cataloguing date range
			Accession Number range
			Author
			Call Number range
			Publisher
			Subject Key
			Title
			Collection

3. Acquisition

Menu Type	Srl#	Menu Name	Functionality / Criteria
Transactions	1	Suggestion received from Users, Book Reviews, Catalogues, and Internal Statistics.	
	2	Review of Suggestion (checking appropriate suggestion).	
	3	Search for duplicate copies in Acquisition stage and in the main Library database (already accessioned).	
	4	Compilation of final document list for purchase and placement before the selection committee.	
	5	Send New Request Letter with document list to Vendor.	
	6	Responses received from Vendor (Challan entry).	Vendors directly bring books on approval basis/or against approved request letter.
			After receiving the books against request letter, the books which are not provided by that vendor, will remain outstanding for the next request letter to be sent to another vendor.
	7	Directly received books from vendors will be sent to the selection committee for approval.	
	8	Books selected by committee to be received. not selected books to be returned	
	9	Gifted Books received from donors to get approval from selection committee.	
	10	Direct Cash Purchase.	
	11	Bibliographical data entry.	

	12	Verification and Physical collation/Price verification of the challan received.	
	13	Unaccepted books are returned to party.	
	14	Receive replacement books from vendor.	
	15	Final Purchase Order for Invoice.	
	16	Bill/Invoice from Vendor.	
	17	Bill Certification.	
	18	Credit Notes.	
	19	Allocation of Accession number.	Normal – follow the steps rigidly.
			Special – Just after Bibliographical data entry. Only one book can be picked up from the challan and accessioning is done as special case but the other books will follow the same steps.
	20	Payment Approval sent to Account for releasing the payment against that bill.	
	21	Transfer to other library (before cataloguing) or section inside the library.	
	22	Send to Processing Department.	
	23	Lost/Withdrawn.	
	24	Discard books.	
	25	Stock verification.	
Reports	1	Category wise Suggestion list (selection on* User category/Date range).	
	2	Comprehensive final list for purchase (selection on Material type/date wise range).	
	3	Order letter (selection on Vendor wise).	
	4	Challan wise book list (selection on vendor/date range).	

	5	Gift material list before selection/after selection (selection on donor/ date range).	
	6	Stock Card (selection on Library wise/Accession Number from-to).	
	7	Accession Register (selection on Material type/Library wise/date wise).	
	8	Bill register (selection on Material type/Library wise/date wise).	
	9	Purchase register (selection on Material type/Library wise/date wise).	
	10	Gift register (selection on Material type/date wise/Library wise, Donor wise).	
	11	Subject wise gift register (selection on Material type/donor/date wise).	
	12	Gift Ack. Letter (selection on donor/date).	
	13	Books returned to vendor/replaced etc. (selection on vendor/order/ date wise).	
	14	Purchase register subject wise (selection on Material type/Library/ vendor/subject/date wise).	
	15	Reminder letter to vendor (selection on date wise/vendor wise).	
	16	Purchase statistics (selection on Material type/Library/Fund wise/ subject wise/vendor/date range).	
	17	Payment register (selection on library/vendor/date range).	

	18	Fund and subject wise purchased (selection on Material type/Fund/ library/date range/subject wise).	
	19	Period wise Loss/withdrawn books list (library/subject wise).	
	20	Discard book list (period wise/library/subject wise).	
	21	Stock taking report /loss (period wise/library/subject wise).	

4. Periodical

Menu Type	Srl#	Menu Name	Main Functionality
Master Entry			
	1	Frequency Master	
	2	Periodical Master with Detail and Price relation	
	3	Regional Month Master	
	4	Article Volume Entry	
	5	Article Entry with Subject Headings relation	

Transactions			
	1	Periodical Subscription with Exchange Relation	
	2	Credit Note	
	3	Serials received as purchase -- new request and renewal	
	4	Serials received as gift	
	5	Serials received as exchange	
	6	Acquisition through purchase	
	7	New ordering procedure for purchase	
	8	Direct subscription to publisher - Sending request letter asking invoices from publishers.	
	9	Direct subscription to publisher - Scrutinizing the received invoices seeking and getting approved from authorities.	
	10	Direct subscription to publisher - Sending orders with drafts	
	11	Direct subscription to publisher - Noting the information regarding payment and getting acknowledgements from publishers.	
	12	Direct subscription to publisher - Maintain Subscription Register	
	13	Order Generation	
	14	Renewal of periodicals	
	15	Invoice/bill entry	
	16	Bill certification	
	17	Institutional Membership (related to purchase, gift or exchange)	
	18	Serials received as gift -- new request and renewal	
	19	Serials received as exchange -- new request and renewal	
	20	Bill payment	Order query, Invoice/bill query, Credit note adjust
	21	Supplementary bill payment	Bill details query
	22	Receiving Issue	
	23	Reminder letter information (Claims Monitoring)	
	24	Missing Issue	

	25	Back Issue maintenance	
	26	Back volume creation	
	27	Article entry and indexing	
	28	Article card printing	
	29	Article indexing and imaging	
Reports			
	1	Request letter for purchase, gift and exchange	
	2	Renewal letter	
	3	Reminder letter for purchase/gift/exchange request	
	4	Reminder for invoice	
	5	Reminder for overdue issue	
	6	Bank draft request	
	7	Foreign letter	
	8	Credit note letter	
	9	Notes on bill	
	10	Exchange request	
	11	Gift acknowledgement letter	
	12	List of periodicals (selection on: purchase/gift/exchange)	
	13	List of periodicals (country/periodicity/language/subject wise)	
	14	List of periodicals (overdue/missing/to be renewed)	
	15	List of periodicals (vendor / discontinued/current issues)	
	16	List of back volume (date range/periodical)	
	17	AACR2 printing for back volume periodical	
	18	Report for article entry	
	19	Card printing for articles entry	
	20	Bibliographical report for articles	

5. Membership

Summary

Menu Type	Srl#	Menu Name	Main Functionality
Master Entry			
	1	Member Class	
	2	Member Privilege	
	3	Member Frequency	
	4	Fees Heads	
	5	Fees	
Transactions			
	1	Member maintenance	Member Registration
			Member withdrawn / Cancel
			Validity Update
	2	Subscription	Monthly, Daily, Life, Free or Special etc
	3	Deposit	New / Additional Deposit (fixed/ Variable)
			Withdrawn Deposit
			Refund Deposit
			Donation by Member
	4	Miscellaneous	Collection of different fees and fine.
			Miscellaneous receipt
	5	Lending	New / Added Ticket issue
			Withdrawal /suspended of tickets
			Print lending ticket
	6	Validation for subscription period	
	7	Inter Library Loan master	Institute / library / member master
Reports			
	1	List of Members	
	2	New member list	
	3	Membership Expiration list	
	4	Deposit/withdrawal of deposit register	
	5	Subscription received register	
	6	Collection Summary (account)	
	7	Mailing List of Members	
	8	Printing Membership Card	
	9	Printing Privilege Ticket	
	10	Miscellaneous Receipt Register	

6. Circulation

Menu Type	Srl#	Menu Name	Main Functionality
Master Entry	1	Maximum Return Due Days	
	2	Minimum Return Due Days	
	3	Reservation Valid Days	
	4	Holding valid days	
	5	Reading Room Due days	
	6	Carrel Due Days	
	7	Number of Renewals	
	8	Holidays	
	9	Late Fine per day	
	10	Maximum Fine Days	
	11	Maximum Fine Amount	
	12	Reminder Overdue Days	
	13	Erring Count on fine pay	
	14	Number Reserve Per Book	
	15	Message/ Block Privilege	
	16	Transaction current date	
Transactions	1	Gate Entry	
	2	Gate Exit	
	3	Message / Privilege Block	
	4	Lending of documents (books / Periodicals / Electronic media)	Home issue
			Special issue
			Staff issue
			Reading room issue
			Carrel issue
			Return of books
			Renewal of books
			Reserve/ Assign of books
			Holding of books

				Cancel reserve / Assign and hold
	5	Gate entry query		
	6	Member Status / Privilege (Query)		
	7	Message Query		
	8	Books Status (Query)		
	9	History of item (book)		
	10	History of Member		
	11	History on subject		
	12	History on Class number range		
	13	Inter Library Loan Borrowing	Request letter by Member	
			Request letter to other Library	
			Receiving of Items	
			Items Issued to Member	
			Reminder to member	
			Item Returned by Member	
			Item Returned to Library	
	14	Inter Library Loan Lending	Receipt Request Letter	
			Issue item	
			Reminder to Library	
			Return Item	
	15	Fine receiving (membership link)		
	16	Suggestion entry for new book (Acquisition link)		
Reports				
	1	Reservation List		
	2	List of overdue Books Period wise		
	3	Issue reminder Letters		
	4	Transaction Summary subject wise		
	5	Letter for overdue books member wise		
	6	Demand book letter		
	7	Fine pending list		
	8	Fine collection report		
	9	Transaction list		
	10	Member entry list		
	11	Subject wise book usage		
	12	Inter library lending		
	13	Period wise inter library lending		
	14	Period wise suggestion list		
	15	Interlibrary lending member account		
	16	Statistics on Inter Library Loan		

7. **Biblio (OPAC)**

Summary

Menu Type	Srl#	Menu Name	Main Functionality
Transactions			
	1	Book and E-Book search (Catalogue search)	Accession number-wise search, Author-wise search, Title wise Search, Call Number-wise search, Subject Keys Search, Publisher Search, Other Keys Search, Note Keys search, Abstract Keys search, Series search, Mixed Search
	2	Periodicals, journals and articles search with image/s	For journals and periodicals - Title wise search, Call Number-wise search, Subject keys search, Other keys search, Note key search, Abstract key search, Publisher search, Mixed search. For periodical articles - Article Title Search , Author-wise search, Call Number wise search, Subject Keys Search, Other Keys Search, Abstract Keys search, Mixed Search, Browsing all issues
	3	Search rare book search with image/s	
	4	User registration	
	5	Suggestions and request mail entry.	
	6	Mail service	
	7	Document delivery	
	8	Online information service (CAS/SID)	

8. Binding

Menu Type	Srl#	Menu Name	Main Functionality
Master Entry	1	Binding and Lamination rate master	
	2	Binder / laminator Master	
	3	Color Master	
Transactions	1	Slip generation Documents	
	2	Order generation (outside and In-house)	
	3	Materials send to Binder/Laminator (In-house Binding Section or Outside)	
	4	Receipt Materials, challan entry (single / all)	
	5	Invoice Entry	
	6	Invoice Certification	
	7	Invoice Payment	
	8	Send bound material to Accession Section	
	9	Send bound material to Catalogue Section	
	10	Query (Accn / Ref wise, order no, Binder name)	

9. Web OPAC

Menu Type	Srl#	Menu Name	Main Functionality
		On Line Public Access Module	

10. Rare Digitization

Preservation of Rare Books in Digital Format

Menu Type	Srl#	Menu Name	Main Functionality
Transactions			
		Rare Book Administrative Module	

	1	Rare Book management - Open a Rare Book	
	2	Rare Book management - Part entry module, Chapter entry module, Add subject key words	
	3	Rare Book management - Scanning module, Cleaning of image	
	4	Handling a Rare Book - Perform a Rare Book search by Subject Key words	
	5	Handling a Rare Book - Write a Rare Book to CD	
	6	Handling a Rare Book - Browse a Rare Book from the local drive, Network Drive	
	7	Administrative utilities	
		Rare Book Client Module	
	8	Search a Rare Book by Accession Number/CD ID	
	9	Search by Title, Author Name, Subject Key etc.	
	10	Browse a rare book	
	11	View all scanned Rare Books	
Reports			
		Rare Book Administrative Module	
	1	Reports on all Rare Books.	
	2	Reports on a Particular CD	

11. Audit Trail

Summary Edit and Update Data Information

Menu Type	Srl#	Menu Name	Main Functionality