



Government of Bihar
Bihar Rural Livelihoods Promotion
Society

(State Rural Livelihoods Mission)
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बिहार सरकार

NOTICE INVITIG e-TENDER

(Through e-Procurement mode only over)
(<https://www.eproc.bihar.gov.in>)

Tender Notice No: BRLPS/01/2017-18/e-Tender/IN-BRLPS-26869-CS-CQS

Date: 15/09/2017

Bihar Rural Livelihoods Promotion Society (BRLPS) is designed by Government of Bihar to address rural poverty in Bihar. The World Bank is extending financial assistance to this project. The project aims at enhancing social and economic empowerment of the rural poor by creating self-managed community institutions and enhancing income through sustainable livelihoods generation. Currently JEEViKA is implementing three project named as BTDP, NRLP and NRLM covering 534 blocks of the state. Among the many interventions Value Chain Intervention under Livelihood is gaining momentum and in future going to be more complex. In order to streamline the process of value chain interventions there is a need to provide a robust MIS for the entire process of Supply Chain management for livelihood products like maize and litchi.

SL No.	Scope of work	Tender processing Fee (Non Refundable) (inclusive of GST @18.00%) to be paid through e-payment mode (i.e. NEFT/RTGS/,Credit Card/Debit card/Internet Banking) (in Rupees)	Time of Completion
1	2	3	4
01.	Hiring an Agency for Development of Mobile Application & Portal for Value Chain for all Commodities in Farm	Rs. 1180.00	Seventeen (17) Months

Tender Schedule/Programme:

Sl. No.	Activity	Date/Time : Duration
1.	Download date of ToR and Checklist documents	From 15/09/2017 to 09/10/2017 (15:00 Hrs.) (https://www.eproc.bihar.gov.in)
2.	Date/ Time for submission/ uploading of offer	09/10/2017 Up to 15.30 Hrs. (https://www.eproc.bihar.gov.in)
3.	Date & time for opening of EOI Proposal.	09/10/2017 at 16: 00 Hrs. (https://www.eproc.bihar.gov.in)
4.	Contact person/Nodal Officer for queries	Dr. Santosh (Procurement Specialist) Contact No: 0612-2504980

- Detailed descriptions of the item and instructions for submitting your offer can be downloaded from e-tender website (<https://www.eproc.bihar.gov.in>).

- Tender Processing Fee (TPF) amount to be paid through e-Payment mode (i.e. NEFT, Internet Banking, Credit / Debit Card) only.
- Bids along with necessary online payments (Tender Processing Fee) must be submitted through e-Procurement portal (<https://www.eproc.bihar.gov.in>) before the date and time specified in the EOI Proposal. The department/Tendering Authority doesn't take any responsibility for the delay / Non Submission of Tender / Non Reconciliation of online Payment caused due to Non availability of Internet Connection, Network Traffic/ Holidays or any other reason."
- The bidders shall submit their eligibility and qualification details, Certificates as mentioned in section etc., in the online standard formats given in e-Procurement web site (<https://www.eproc.bihar.gov.in>) at the respective stage only.
- The bidders shall upload the scanned copies of all the relevant certificates, documents etc., in support of their eligibility criteria / technical bids and other certificate /documents in the e-Procurement web site (<https://www.eproc.bihar.gov.in>).
- The bidder shall digitally sign on the supporting statements, documents, certificates, uploaded by him, owning responsibility for their correctness/authenticity. The bidder shall attach all the required documents for the specific tender after uploading the same during the bid submission as per the tender notice and bid document.
- For support related to e-tendering process, bidders may contact at following address "e- Procurement HELP DESK First Floor, M/22, Bank of India Building, Road No-25, Sri Krishna Nagar, Patna-800001. Ph. No: **0612-2523006**, Mob- **7542028164**" or may visit the link "Vendor Info" at (<https://www.eproc.bihar.gov.in>).
- **Corrigendum/ Addendum**, if any, will be published on the departmental website www.brlp.in and e-Procurement, Bihar <https://www.eproc.bihar.gov.in> itself.

CEO cum Mission Director
Bihar Rural Livelihoods Promotion Society

e-Procurement Standing Instruction

Instructions for Submission of Expression of Interest –EOI (through electronic mode only).

1. The payment of Tender Processing Fee needs to be paid through e-Payment mode only.
2. The ToR and Checklist (Tabular Format) may be downloaded from the Website www.eproc.bihar.gov.in from 15/09/2017 and it may be submitted.
3. Bids along with necessary online payments must be submitted through e-Procurement portal (<https://www.eproc.bihar.gov.in>) before the date and time specified in the EOI Proposal. The department / Tendering Authority don't take any responsibility for the delay / Non Submission of Tender / Non Reconciliation of online Payment caused due to Non availability of Internet Connection, Network Traffic / Holidays or any other reason.
4. The bidders shall upload the scanned copies of all the relevant certificates, documents etc., in support of their eligibility criteria / technical bids and other certificate / documents in the e-Procurement portal (<https://www.eproc.bihar.gov.in>) only.
5. The bidder shall digitally sign the supporting documents / certificates, uploaded by him, owning responsibility for their correctness / authenticity. The bidder shall attach all the required documents for the specific tender after uploading the same during the bid submission as per the EOI notice and bid document.
6. The Technical Proposal needs to be filled, uploaded and submitted through e-Procurement portal www.eproc.bihar.gov.in on or before **09/10/2017 by 15.30 hrs.**
Note: - The bidders must not be submitted their financial proposal.
7. The authority reserves the right to reject or cancel the tender or any part thereof without assigning any reasons thereof.
8. Corrigendum/ Addendum, if any, will be published on the departmental website www.brlp.in and <https://www.eproc.bihar.gov.in> itself.
9. Bidders are advised to keep updated their e-Procurement profile with correct / valid email id as all important activity / events emailed to their registered email as per e-Procurement portal.

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Supply Chain Management for Value Chain Interventions

I. **Background**

Bihar Rural Livelihoods Promotion Society (BRLPS) is designed by Government of Bihar to address rural poverty in Bihar. The World Bank is extending financial assistance to this project. The project aims at enhancing social and economic empowerment of the rural poor by creating self-managed community institutions and enhancing income through sustainable livelihoods generation. Currently JEEViKA is implementing three project named as BTDP, NRLP and NRLM covering 534 blocks of the state. Among the many interventions Value Chain Intervention under Livelihood is gaining momentum and in future going to be more complex. In order to streamline the process of value chain interventions there is a need to provide a robust MIS for the entire process of Supply Chain management for livelihood products like maize and litchi.

II. **Objectives of the Assignment**

The objective of developing MIS is to streamline the process of supply chain management developed under value chain intervention of maize and litchi. The application will be termed as JEEViKA Supply Chain Management of Information System (SCIM).

III. **Business Requirement**

Livelihood intervention revolves around two major intervention productivity enhancement and value chain interventions. Among the value chain interventions procurement of farm product and its sale is one of the major activity. All the activity of the society is performed through Federations. Producer Group and Producer Company are the main federations involved in purchase, procurement and transfer. The business requirement is to develop a Supply Chain Information Management (SCIM) system for farm products.

The activity starts with the aggregation of the farm product from Individual households of the village. The first level of aggregation is at the Producer Group and then aggregated product is stored in warehouse. The aggregated product is then transferred to the Producer Company. The Producer Companies then take decision to sell aggregated produce either directly or indirectly. In the process of aggregation, transfer, storage and selling of the product the quality of the farm product will be measured and monitored at different levels. The entire process comprise of different stakeholders and business process which needs to be taken into consideration in the Supply Chain Information Management.

The system must incorporate functionalities to automate the entire process of the supply chain management and in the process must capture data for reporting and analytics. The entire SCIM will comprise of mobile and web applications for data capturing, reporting and data analytics. The SCIM developed will be integrated with existing JEEViKA Management Information System.

IV. **System Requirement**

JEEViKA has established Management Information System known as JEEViKA Decision Support System (DSS). The SCIM to be developed as a part of this TOR must be integrated with the existing JEEViKA DSS. This integration includes integration at the database level. The integration will help to generate dashboards and reports which will include the data of SCIM as well as DSS.

The SCIM will be a bespoke application which will be designed and developed as per the signed off System Requirement Specification (SRS) from the client. The application will consist of Mobile apps and web portals. Mobile apps will be Android Based (supported by latest Version of Android along with last 4 popular Android SDK versions). The web portal should use open source framework for application development. Details like provisioning of Mobile apps and web portals at different level of the application will be finalized during Requirement Specification design.

The software development lifecycle (SDLC) will be based on Agile SDLC model for SCIM. For the development phase the server will be provisioned by the technical agency developing the SCIM. The production server for SCIM will be provisioned as per the hardware and software specification provided by the technical agency. Provisioning of the application from development to production will be the responsibility of the technical agency developing the SCIM. Version Management, Unit Testing, Bug fixing and other parts of the software development lifecycle must be handled through Integrated Project management tools and BRLPS will appraise project on fortnightly basis. The agency will have to deploy necessary capacity building support for usage of the application and maintenance of the code during and after AMC period.

V. Deliverables/Output and Payment Schedule

Sl. No.	Deliverable	Payment Schedule	Timeline
1	Requirement Specification, Design Document, Prototype Development and Demonstration.	15% of the Total Project Cost	1 Month
2.	Coding And Implementation Unit Testing, Refinements and deployment, System Testing Piloting at two intervention locations, User Acceptance	20% of the Total Project Cost	4 Months
3.	Refinements and Change Management Dashboard Development and Customized Reports	20% of the Total Project Cost	3 Months
4.	Refinements and Change Management Dashboard Development and Customized Reports.	20% of the Total Project Cost	3 Months
5.	Code Hand Over and Handholding support in Code and Database Maintenance.	25% of the Total Cost	6 Months

VI. Key Professionals (CV's Will be Evaluated)

Sl. No.	Designation	Qualification/Experience	Duration of Involvement
1.	Project Manager/Business Analyst	MBA/B.Tech/BE with 3-4 years of Experience in Project Management in at least a CMMI 3 Level Company Certification on Project Management will be preferred	7 Months
2.	Application Developer	B.Tech/BE/MCA with 3-4 years of Experience in Development in at least CMMI 3 Level Company	10 Months
3.	Mobile Application Developer	B.Tech/BE/MCA with 3-4 years of Experience in Development in at least CMMI 3 Level Company	10 Months
4.	Tester	B.Tech/BE/MCA with 2-4 years of Experience in Development in at least CMMI 3 Level Company	1 Month

5.	System Integrator/ Administrator	B.Tech/BE/MCA/MA with 3-4 years of Experience in Development in at least CMMI 3 Level Company	1 Month
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VII. Project Appraisal and Review

The Chief Executive Officer, BRLPS will designate SPM MIS to supervise the assignment and carry out necessary interaction and exchange of information about the status of the project between the Consultant and BRLPS. All relevant projects related documentation will also be made available to the Consultant. The Chief Executive Officer, BRLPS may constitute a review committee to monitor the progress and access the deliverables of the project.

A third party review will be conducted by JEEViKA before the Application Handover from the agency.

This assignment is funded by BRLPS and therefore shall be the owner of the assignment output. The Consultant will have no right of claim to the assignment or its outputs once completed.

