Invitation for Expression of Interest (EOI)

For

Development and Implementation

of

"Enterprise Level Web Application"

Objective of EOI

CRPF intends to upgrade its existing Enterprise Web Application. The application includes automation of all official activities / processes of CRPF covering HRMS, Administration, Establishment, Payroll & Finance, Provisioning, Inventory, Logistics, Fleet, Assets (Building and Land), CRPF Operational activities, GIS, Intelligence, Legal, Medical etc.

An Expression of Interest (EOI) is floated to identify a futuristic technology, approach and methodology for prospective solution, best suited to transform our existing setup as per standards conforming to latest industry norms. Interested firms / agencies are advised to study objectives as mentioned under before preparing their response to the EoI.

*System Integrator are requested to proposed best proven technology architecture for development of Web application as per the Govt of India Policy (**Open Source with Enterprise Support**) and also have to propose methodology for development & implementation in their response.*

Current System (Web Application) :

An Integrated web application was developed in the year 2004 on VB, ASP with Oracle as back end database on a monolithic architecture. Subsequently with the time, various processes have been upgraded to ASP.Net & Core.Net technology using the available resources. Currently Oracle 19c is being used for database.

The existing set up is hosted on a web based architecture on a captive network. Data Centre is located at Force HQ Delhi. Data is being captured through following Modules in an integrated environment.

    (1) Personnel Information System (PIS/HRMS)

    (2) Payroll application is client server based; developed in D2K

    (3) Inventory

    (4) Operations, Intelligence & GIS

    (5) Finance

(6) Administration / Establishment

(7) Legal

(8) Training

Presently 425 offices are using current application through captive MPLS Intranet and approx. 1500 other remote offices are connected from Internet through Web-VPN services. Presently around 23,000 transactional users are accessing current application. Few functionalities of this applications are also extended through department Mobile App and approx. 3 Lac users are onboard on this Mobile Application.

Objectives of proposed Web Application:

Broad objectives of the future application are:

a) Preferably based on a microservices architecture.

b) Aiming to achieve a paperless office where necessary orders or letters are generated within the application.

c) Designed to be dynamic, scalable, and flexible to adjust to future business needs without requiring significant effort in case of changes to the organizational hierarchy.

d) Aligned with industry-standard GoI processes.

e) Built on a single-sign-on (SSO) framework.

f) Equipped with an inbuilt workflow system configurable according to the roles of employees.

g) Integrated using API-based communication within modules and with third-party applications.

h) Capable of hosting a repository for various documents and orders.

i) Capable of generating all types of reports (live and scheduled) from a secondary database, ensuring no load on live transactions. The proposed reporting engine will be embedded in the

application (ERP), and data will be accessible to users based on their roles and hierarchy levels.

Proposed Technology stack for Web Development & Support

S. No.	Task	Tools / Technology proposed	Enterprise Support
1.	Development		
2.	Dev Ops tools		
3.	Middleware		
4.	Backend Database		
5.	Testing		
6.	Deployment		
7.	API Management		
8.	Application Performance Monitoring		
9.	SLA Monitoring		
10.	Helpdesk &Ticketing Tool		
11.	GIS		
12.	Database with multiple pluggable databases		

Covering Letter

To

        DIG IT,CRPF
        Tender Box, available at DIG(ADM),
        Ground Floor, CRPF, Block -1,
        CGO Complex, Lodhi Road,
        New Delhi – 110003, INDIA

Subject: Submission of response to the expression of interest for "Development and Implementation of "Enterprise Level Application for Office Automation"

Dear Sir/Madam,

    We, the undersigned, offer to provide a solution to CRPF in response to the EOI.

    We hereby declare that all the information and statements made in this response are true and accept that any misinterpretation contained in it may lead to our disqualification.

    We agree to abide by all the terms and conditions of the EOI document.

    We understand you are not bound to accept any proposal you receive.

Yours sincerely,

Authorized Signature [*In full and initials*]: _____

Name and Title of Signatory:_____

Address:_____ Company Seal:

_____

Details of Similar Work (Office Automation)

General Information	
Name of Project	
Client for which the project was executed	
Name and contact details of the client	
Project Details	
Description of the project	
Technology / Software used for 1. Development 2. Backend Database 3. Testing 4. Deployment	
Outcomes of the project (Completed/ in progress)	
Other Details	
Total cost of the project	
Total cost of the services provided by the respondent	
Duration of the project	
Security Certification (Details)	
Other Relevant Information	
Mandatory Supporting Documents(Work order & completion certificate)	

Kindly use separate sheet for each project.

Details of the System Integrator

S. No.	Information Sought	Details to be Furnished
1	Name and address of the SI	
2	Incorporation status of the firm (public limited / private limited etc.)	
3	Year of Establishment	
4	Date of registration	
5	ROC Reference No.	
6	Details of company registration	
7	Details of registration with appropriate authorities for service tax	
8	Service Tax No, Income Tax, TIN No, PAN No, EPF Registration No(Enclose supporting documents)	
9	Contact Person: Name Address e-mail Phone Nos Mobile Number	

Sl.No	Information	Details
1.	Inviting authority	DIG IT,CRPF on behalf of President of India
2.	Name of project	Development, Implementation and Maintenance of SELO phase-II application
3.	EOI No. and Date	DA-IV--------------- dated ----/----/2025
4.	Place of availability of EOI	Website of CRPF: **http://crpf.gov.in** Website of Central Procurement Portal : **http://eprocure.gov.in**
5.	Address on which proposal in response to EOI notice is to be submitted:	DIG IT,CRPF Tender Box, available at DIG(ADM), Ground Floor, CRPF, Block -1, CGO Complex, Lodhi Road, New Delhi – 110003, INDIA OR Email on: itwing@crpf.nic.in
6.	Last date (deadline) for submission of EOI	----/----/2025 up to 05:00 PM
7.	Technical presentation as per Qualification Criteria	Technical presentation (max 1 hour) will begin on ----/----/2025 at 11:30 AM .
8.	Contact Person for queries	Mr. Vijay Kumar DIG IT,CRPF IT Wing, 3rd Floor, Block No 1, CRPF, CGO Complex, Lodi Road) New Delhi – 110 003 (India Phone :+91-11-24361992) (Email: itwing@crpf.gov.in)