

Proposed Specification of Intelligence Collation & Gathering System Software (I-CAS)

S No	Qualitative Requirements	Trial Directives/ Functionality
1.	General Specifications:- Collect Intelligence Inputs from different sources and build a centralized database for analysis & reporting, connects all frontiers and servers information at real time, centralization of disparate solutions for key Data and Seamless Integration of Multi-Party system, Design and build a Central solution across one complete hierarchy chain.	The System should be able to collect data from all frontiers and build a central database which can be shared among all hierarchy.
2.	Web Application:-	
i	The overall vision of this application is to create a system that facilitates the Intelligence team to anticipate and find the relevant information of activities happened, people and organization involved in activities.	The Applications should be user friendly and easy to use so that goal of gathering information and intelligence can be created.
ii	This web application will be hosted on two servers, the server with-in the network and also on the server outside the network. For security reasons the server outside the network will contain only two days information. A database sync utility will be manually run every day on a specific time (generally on a low traffic period) which will move daily activities information from outside server to inside server.	The application must be a truly client server architecture with two database server, master & slave.
iii	The intelligence team of SSB Head Quarter will review activities received through application on outside the server. They will do formatting of activities if needed, merging of activities if received from multiple sources on the basis of unique activity identity generated by system so that all the relevant information will be available at one place.	HQ must have this functionality, At HQ Level, gathered data can be manipulated according to relevancy and send to multiple hierarchy accordingly.
iv	If the information is critical then they will share the information with DIG, IG, ADG and/or DG. All the officers will receive that information on application.	If information tagged with critical flag then it must generate an alert for higher level hierarchy.
v	The main purpose of this application is to feed the daily activities with details of people and organization involved in that activity and generates reports.	Application must accept daily activity with details.
3	The modules of web application are:-	
i	Dashboard	
	a) A page to see all the relevant information at one place	Widgets for marking important must be shown.
	b) This would be customized for different ranks/designations.	
ii	Feed events	
	a) This module is used to feed the events. Based on type of events there will be different forms to feed event information.	A separate module must be provided to feed event.
iii	Person	
	a) Maintain person profile.	Each profile must be maintain separately
	b) Tag events with person so that we will get all the events related to that person.	Provision for persons can be tagged with events.
iv	Organization	
	a) Maintain Organization profile	Provision for maintaining organization profile.
	b) Tag events with organization so that we will get all the events related to that organization.	Provision for Organization can be tagged with events.

	vi	Application should maintain person profile and Tag events with person so that we will get all the events related to that person	Provision for persons can be tagged with events.
	vii	Application should maintain Organization profile and Tag events with organization so that we will get all the events related to that organization.	Provision for Organization can be tagged with events.
	viii	Application should manage important entities like event type, sector headquarter. Battalion headquarter etc.	Provision for maintain all itineraries in database separately
	ix	Application should generate subjective Reports, Analytical Reports, comparative Reports and Graphical Report.	Provision for creating multiple reports & add on must be provided.
	x	Application should have the functionality to manage users like Add/Modify User, Assign rights to user and Disable or delete a user.	Provision for Add, Delete, Modify, Assign or disable rights to user must be provided
	xi	A database syncing process should be there to move daily activities information from local server to secure server.	The architecture of data must support master slave or master.
7	SPECIFICATIONS OF AUTOMATED REPORTING & ANALYSIS SOLUTION:-		
	i	Application should store and process the captured event information like coordinate, location, picture, video and textual information	Provision for capturing information's like coordinate, location.
	ii	Application should generate different reports and provide data mining	Provision to generate automated reports.
	iii	System should be capable to input data from different sources	Provision for data inputs from different source.
	iv	Confidential information by the End user can be mined and modelled to create intelligent reports pertaining.	Provision for creating multiple reports & add on must be provided.
	a	Incidents	
	b	People	
	c	Organizations (Crime)	
	d	Area of effect	
8	General Reports :-		
	i	Daily Intelligence Report	System / Software should be able to generate reports as per requirement.
	ii	Daily Incident Report	
	iii	Weekly Intelligence Assessment report	
	iv	Monthly Intelligence Requirement Report	
	v	Monthly Intelligence Assessment Report	
	vi	Monthly report on Mosque/Madrasas	
	vii	Monthly details of OPS conducted on the basis of input submitted by 'G' setup	
9	Reports on Coordination Meetings :-		
	i	Coordination meeting with Counterpart (Bn & SHQ level)	System / Software should be able to generate reports as per requirement.
	ii	LIA Meeting (SHQ & FTR Level)	
	iii	SMAC Meeting	
	iv	MAC Report	
	v	HS Level Meeting report	
	vi	Border district coordination meeting	
	vii	Report on Coordination meeting between DG, SSB & Chief RGOB & Chief of Nepal Police.	
	Note:- All the parameters specified above should be checked by constituted Board of officer for functionality of software as per requirement.		

