

RFD Results-Framework Document

for

Department of Information Technology

(2009-2010)

SECTION 1: Vision, Mission, Objectives and Functions

Vision

e-Development of India as the engine for transition into a developed nation and an empowered society.

<u>Mission</u>

e-Development of India through multi pronged strategy of e-Infrastructure creation to facilitate and promote e-governance, promotion of Electronics & Information Technology- Information Technology Enabled Services (IT-ITeS) Industry, providing support for creation of Innovation / Research & Development (R&D), building Knowledge network and securing India's cyber space.

Objectives

- e-Government: Providing e-infrastructure for delivery of e-services
- e-Industry: Promotion of electronics hardware manufacturing and IT-ITeS industry
- e-Innovation / R & D: Providing Support for creation of Innovation Infrastructure in emerging areas of technology
- e-Education: Providing support for development of e-Skills and Knowledge network
- e-Security: Securing India's cyber space

Functions

- Policy matters relating to Information Technology, Electronics and Internet.
- Initiatives for development of Hardware / Software industry including knowledge based enterprises, measures for promoting IT exports and competitiveness of the industry.
- Promotion of IT and IT enabled services and Internet.
- Assistance to other departments in the promotion of E-Governance, E-Infrastructure, E-Medicine, E-Commerce, etc.
- Promotion of Information Technology education and Information Technologybased education.
- Matters relating to Cyber Laws, administration of the Information Technology Act. 2000 (21 of 2000) and other IT related laws.
- Matters relating to promotion and manufacturing of Semiconductor Devices in the country.
- Interaction in IT related matters with International agencies and bodies.
- Initiative on bridging the Digital Divide, Matters relating to Media Lab Asia.
- Promotion of Standardization, Testing and Quality in IT and standardization of procedure for IT application and Tasks.
- Electronics Export and Computer Software Promotion Council (ESC).
- National Informatics Centre (NIC)
- All matters relating to personnel under the control of the Department.

SECTION 2: Inter se Priorities among Key Objectives, Success indicators and Targets (1st April 2009 – 31st March 2010)

Column 1	Column 2	Column 3	Colur	nn 4	Column 5		Co	olumn 6		
							Target /	Criteria Valu	e	
Objective	Weight	Actions	Success Indicator	Unit	Weight	Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
Objective 1 e- Government: Providing e- infractructure	35	Action 1 Setup State Wide Area Networks (SWANs)	Operationalization of 19 SWAN Networks		15	19	18	17	15	14
infrastructure for delivery of e-services		Action 2 Finalize State Data Centres (SDCs)contracts	Finalization of SDC Contracts in 8 States	Number	15	8	7	6	5	4

Action 3	Setting up of	Number						
	38000 CSCs							
Setting up of								
additional			15	38000	35000	30000	28000	25000
Common Service	1 7							
Centres (CSCs)								
Action 4	To appraise the	Number of						
	RFP, EFC notes	weeks						
Appraisal of	for MMPs within							
Mission Mode	2 weeks from the		25	2	3	4	4.5	5
Projects (MMPs)	date of receipt of							5
	electronic copy							
Action 5	Availability of	Percentage						
	round the clock							
, i i i i i i i i i i i i i i i i i i i	n secured e-		20					
speed & Secured				96.5	96	92	87	80
e-Governance	network services							
Network								
Action 6	Number of sites	Number						
	e-governance							
Design, develop	applications							
and	implemented		10	1000	950	900	850	800
implementation			10	1000	750	700	050	000
of E-Go	7							
applications								

Objective 2		Action 1	Complete						-	
			processing of	Levels of		3	2	1		-
e-Industry:		Implementation	applications	approval						
Promotion of		of Special	received upto							
electronics		Incentive	31.12.09 by							
hardware		Package Scheme	31.03.10 through							
manufacturing		(SIPS)	various stages of							
and IT-ITeS			approvals							
industry			involving							
			Technical							
			Committee,							
			Appraisal							
			Committee, MOF							
	25		and		15					
	23		Draft		15					
			CCI/Cabinet							
			note (Level 1),							
			Comments of							
			Departments							
			(Level 2) and							
			Decision of							
			Cabinet/							
			Cabinet							
			Committee on							
			Infrastructure							
			(CCI) (Level 3)							

	Obtain in-	Levels of				1		
Implementation of the recommendations of Task Force setup to suggest measures to stimulate the growth of IT, ITES and Electronics hardware manufacturing Industry	principle approval of implementable	approval	10	3	2			-
Action 3 Seek approval for extension of STP & EHTP scheme with or without modifications beyond March 2011	The proposal is considered by Ministry of	Level of consideration	15	2	1	-	-	-
Action 4 Facilitate growth	Production of Electronics	Growth in % in INR terms	20	14	13	12	10	9

		Industry	a growth rate of 13% in INR terms.							
		Facilitate growth	Exports by IT/ITES industry achieves a growth rate of 5% in US \$ terms	% growth in US \$ terms	20	б	5	4	3	2
		Facilitate growth of domestic	Domestic IT/ITES industry achieves a growth rate of 15% in INR terms	terms	20	16	15	12	10	9
Objective 3 e-Innovation/ R & D: Providing support for	15		Projects initiated in Electronics & IT		15	22	20	18	14	13
creation of Innovation Infrastructure in emerging areas of		Create Technical Infrastructure	Establishment of infrastructure		40	2	1			
technology			Achievement of target creation of IPR	Number	20	75	72	69	66	65

		EBR Generation by CDAC	Rs Crore	25	100	96	92	88	87
Objective 4 10 e-Education: Providing support for development of	Action 1) Setting up of National Knowledge Network (NKN) core and nodes	Number of end user locations f covered under NKN		70	40	35	32	30	28
e-Skills and Knowledge network	Action 2	Initiation of approved projects	Number	20	4	3	2	1	0
	Action 3	Number of training programs conducted	Number	10	300	296	290	285	280

Objective 5 e-Security: Securing India's cyber space	10	of organisations	cyber attacks and	Number	10	1	-	-	-	-
		•	Release of Manual for investigation of cyber incidents	Number	10	1	-	_	-	
			Creation of cyber security policy document and release for public consultation	Number	10	1	-	-	-	-
			Conducting cyber security mock drills	Number	10	2	1		-	-
		Action 2 Conducting awareness trainings for exposure	Awareness trainings conducted	Number	10	18	17	16	15	14

	Security incidents	Number						
Security incident	handled		20	6600	6500	6400	6300	6200
1	% of Incidents handled in reasonable time	Percentage	10	85	80	75	65	50
Action 4	Cyber security	Number						
Issuance of	alerts issued		5	45	42	39	35	32
security alerts on	Advisories issued	Number						
latest threats and			5	70	67	64	60	57
vulnerabilities	Vulnerability	Number						
	notes issued		10	225	220	215	210	205

SECTION 3: Trend Values of the Success Indicators

Column 1	Column 2	Column 3	Column	4	Column 5	Column 6	Column 7	Column 8	Column 9
Objective	Weight		Success Indicator	Unit	Actual Value for FY 07-08	Actual Value for FY 08-09	Value for	Actual Value for FY 10-11	
Objective 1 e- Government: Providing e- infrastructure	35		Operationalization of 19 SWAN Networks		-	3	19	11	-
for delivery of e-services			Finalization of SDC Contracts in 8 States		-	-	8	27	-

Action 3	Setting up of 38000Number CSCs					
Setting up of additional Common Service Centres (CSCs)		-	35000	38000	27000	-
Action 4 Appraisal of	To appraise the RFP,Number of EFC notes forweeks MMPs within 2 weeks from the date of receipt of electronic copy	3	2	2	2	2
Action 5 Provide High speed & Secured e-Governance Network	Availability of Percentage round the clock secured e- Governance network services	94	95	96	97	98
Action 6 Design, develop and implementation of E-Gov applications	Number of sites e- Number governance applications f implemented	840	920	950	1000	1100

Objective 2		Action 1	Complete processing	Levels of				
	25		of applications	approval				
e-Industry:		Implementation of	received upto					
Promotion of		Special Incentive	31.12.09 by 31.3.10					
electronics		Package Scheme	through various					
hardware		(SIPS)	stages of approvals					
manufacturing			involving Technical					
and IT-ITeS			Committee,					
industry			Appraisal Committee					
			, MOF and				3	
			Draft CCI/Cabinet		-	-	5	
			note (Level 1),					
			Comments of					
			Departments (Level					
			2) and					
			Decision of Cabinet/					
			Cabinet Committee					
			on Infrastructure					
			(CCI) (Level 3)					

A	Action 2	Obtain in-principle	Level/ Stage					
			of approval					
I	mplementation of		11					
	-	recommendations						
r	ecommendations	from Committee of						
0	of Task Force to	Secretaries (COS) by						
S	suggest measures	31 st March 2010						
to	o stimulate the	2010 by Circulation						
g	growth of IT,	of COS note (Level				3		
ľ	TES and	1)		-	-	5		
E	Electronics	Decision of COS						
h	nardware	(Level 2),						
n	nanufacturing	preparation of						
I		CCEA note based on						
		COS						
		recommendations						
		(Level 3)						
		1 1	Level of					
	Seek approval for	•	Consideration					
		Ministry of Finance						
		and Cabinet / CCI by					_	
		31.3.2010 Proposal		2	2	2	-	-
		to MOF (Level 1)						
	5	Decision from MOF						
2	2011	(Level 2)						

		Action 4 Facilitate growth of Electronics Hardware Industry	Production of Electronics Hardware Industry achieves a growth rate of 13% in INR terms.	Growth in % in INR terms	28	12	13	15	18
		Action 5 Facilitate growth of Exports of IT/ITES Industry	Exports by IT/ITES industry achieves a growth rate of 5% in US \$ terms	in US \$ terms	29.9	14.6	5	15	20
		Action 6 Facilitate growth of domestic IT/ITES Industry	Domestic IT/ITES industry achieves a growth rate of 15% in INR terms	% Growth in INR terms	27.8	21.7	15	16	16
Objective 3 e-Innovation/ R & D: Providing support for creation of	15	Action 1 Initiation of new R&D Projects in Electronics and IT	Projects initiated in Electronics & IT	Number	45	37	20	29	29
Innovation Infrastructure in emerging areas of		Action 2 Create Technical Infrastructure	Establishment of infrastructure	Number	0	1	2	2	0
technology		Action 3 IPR Promotion	Achievement of target creation of IPR	Number	39	54	72	95	105
		Action 4 Support to CDAC	EBR Generation by CDAC	Rs Crore	76	100	96	100	100

Objective 4 e-Education: Providing support for development		National Knowledge Network (NKN) core and nodes			-	17	35	-	-
of e-Skills and Knowledge network		Appraise & obtain approval for new projects on Language Technology & e-Learning	approved projects	Number	4	4	3	4	4
		Provide Quality management education and conduct skill development trainings	Number of training programs conducted	Number	300	280	296	310	320
Objective 5	10	Action 1							
e-Security: Securing India's cyber		security posture of organisations and cyber users and enhancement in	Release of Upgradaded 'Crisis Management Plan for countering cyber attacks and cyber terrorism	Number	-	1	1	1	1

space	systems to resist	Release of Manual	Number			1		
	cyber attacks	for investigation of		_	_	1	-	-
		cyber incidents		-	-			
		Creation of cyber	Number					
		security policy						
		document and		-	_	1	-	-
		release for public						
		consultation						
		Conducting cyber	Number			1	4	4
		security mock drills		-	-	1	I	I
	Action 2	Awareness trainings						
		conducted	Number					
	Conducting			6	19	17	18	20
	awareness			0	17	17	10	20
	trainings for							
	exposure							
	Action 3	Security incidents handled	Number	582	3024	6500	-	-
	Security incident	% of Incidents						
	response	handled in reasonable time	Percentage	80	80	80	80	80
	Action 4	Cyber security alerts	Number					
		issued		36	40	42	36	40
	Issuance of							
	security alerts on	Advisories issued	Number	67	60	67		
	latest threats and			0/	68	67	-	-
	vulnerabilities	Vulnerability notes	Number					
		issued		158	205	220	-	-

SECTION 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

Success indicators	Description and definition	Measurement methodology
Operationalization of 19 SWANs Networks	• Under National E Governance Plan, Department of Information Technology is creating the service delivery platform necessary for delivery	• Success of E governance ultimately depends on number of services rolled
Finalization of SDC Contracts in 8 States Setting up of additional	of public services through Mission Mode Projects. This requires creation of the core E infrastructure that will be leveraged by all Mission Mode Projects for service delivery.	out to citizens and the impact made on Governance. • However in the present
38000 CSCs To appraise the RFP, EFC notes for MMPs within 2 weeks from the date of receipt of electronic copy	 E-infrastructure consists of State Data Centres (SDCs) which houses applications and data, State Wide Area Network (SWANs) which provides secure connectivity upto Block level and Common Service Centres (CSCs) which are front ends in villages for citizens to access services. DIT facilitates implementation of e- infrastructure projects through the State Governments. Line Ministries and State Governments have the ownership and responsibility for implementation of MMPs. Role of DIT with reference to MMPs is appraisal of projects and capacity building within line departments and State Governments. 	 period, the success indicators identified are being measured in terms of numbers i.e., either number of CSCs set up or number of states where SWANs have been rolled out or number of SDC contracts finalized. For MMPs, role of DIT is in appraisal so success is being measured in terms of time taken to do the appraisal.
Availability of round the clock secured e- Governance network services	NIC is providing the network services on 24 X 7 basis. This is made available to the user department.	Uptime in a year
Number of sites e- governance applications	E-Governenace applications and services relate to number of e-Governance applications designed/ developed / implemented at various sites as desired	Accordingly targets have been taken in terms of numbers.

	ork Document (KFD) for Department of Information Tec	110105j (200) 2010)
implemented	by user departments during the year.	
Complete processing of	Preliminary examination of the applications received so	Timely by various
applications received	far, technical evaluation of the proposal, taking a view on	processing/approving levels in
upto 31.12.09 in	in-principle approval considering the steps taken by the	Government.
response to SIPS	applicants for implementation of the project like	
	acquisition of land, technology tie-up, arrangement for	
	procurement of plant and machinery, etc. Consideration	
	of project approval after the applicants intimate having	
	achieved financial closure.	
Obtain in-principle	Examination of the Report submitted by the Task Force,	Timely consideration by various
approval of	which shall include segregation of recommendations into	processing/approving levels in
implementable	generic and specific; identification of actionable	Government.
recommendations of	recommendations; identification of the concerned	
the Task Force through	Departments responsible for the implementation and	
Ministry of Finance &	initiating the process for obtaining in-principle approvals.	
Committee of		
Secretaries (COS) by		
31 st March 2010		
The proposal for	Continued support for growth in this segment is essential	Timely consideration by various
extension of STP &	for achieving desired levels of GDP growth.	processing/approving levels in
EHTP is considered by		Government.
Ministry of Finance		
and Cabinet / Cabinet		
Committee on		
Infrastructure (CCI) by		
31.3.2010		
Production of	Continued support for growth in this segment is essential	Growth rate of Electronics
Electronics Hardware	for achieving desired levels of GDP growth.	Hardware industry
Industry achieves a		-
growth rate of 13% in		
INR terms.		
Exports by IT/ITES	Continued support for growth in this segment is essential	Growth rate of IT-ITeS Industry

Kesuits-Framewo	ork Document (RFD) for Department of Information Tech	nnology (2009-2010)
industry achieves a	for achieving desired levels of GDP growth.	
growth rate of 5 % in		
US \$ terms.		
Domestic IT/ITES	Continued support for growth in this segment is essential	Growth rate of IT-IteS Industry
industry achieves a	for achieving desired levels of GDP growth.	
growth rate of 15% in		
INR terms		
New Projects initiated	1. The Department supports R&D in the areas of	Number of projects for which final
in the areas of	Electronics, IT, Communications, Convergence &	approval is obtained out of the
Electronics, ICT and	Broadband Technologies, IT Security and other	total number of projects
other areas of	areas.	recommended by the relevant
technology	2. Initiation means obtaining final approval of the	Working Group
	Competent Authority for the project.	

Results-Framework Document (RFD) for Department of Information Technology (2009-2010)

Establishment of	It includes (i) Creation of High Performance Computing	illiology (2009-2010)
infrastructure	infrastructure – PARAM; and (ii) "National Resource Centre for Free and Open Source Software" which hosts Open Source Software and Tools for free download; etc. Projects initiated – Number of new projects initiated Projects established – The number of infrastructure ready to use.	Number of infrastructure created
Achievement of target creation of IPR	The department of information Technology facilitates filing of national and international patents and other form of IPR to its support organizations as well as to the industry. The annual targets are fixed at the beginning of the year. The target achieved are included in the table.	
IEBR Generation by CDAC	The Department provides tactical and financial support to CDAC to develop core competencies in its thrust areas. This expertise is used by CDAC for its Education & Training activities and to take up projects, generating revenue and extra budgetary resources. IEBR has been used as a measure of success.	The internal resources (IR) and extra budgetary resources raised by CDAC in a year
Release of Upgraded 'Crisis Management Plan for countering cyber attacks and cyber terrorism'	The Crisis Management Plan for countering cyber attacks and cyber terrorism needs to be updated yearly once	Number of upgraded Crisis Management Plan is published
Release of Manual for investigation of cyber incidents	The Manual for investigation of cyber incidents will help organizations and Law Enforcement agencies to collect and preserve appropriate evidence to investigate cyber security incidents	Number of Manual for investigation of cyber incidents is released
Creation of cyber security policy document and release for public consultation	Creation of cyber security policy for government organizations and release for consultation	Number of cyber security policy document created and approved

	ork Document (KFD) for Department of Information Tec	
Conducting cyber	The cyber security mock drills are conducted to assess	No. of Mock drills conducted per
security mock drills	the readiness of organizations to withstand cyber attacks.	year
Awareness trainings	The training programmes conducted in the relevant areas	No. of training programmes
conducted	of cyber security for targeted audience to enhance their	conducted per year.
	awareness for threats to different systems and suitable	
	countermeasures to prevent the attacks and reduce the	
	risk.	
Security incidents	Number of incidents handled out of the incidents	Number of incidents handled
handled	reported.	
	With the advent and growth of Information Technology	
	and associated systems and services, the number of	
	incidents also increase. CERT-In has to handle all the	
	incidents reported to it.	
% of Incidents handled	The incidents being reported to CERT-In need to be	% of incidents handled within 24
in reasonable time	handled within a reasonable time. The exact time of	Hrs. of reporting
	handling an incidents depends on nature and severity of	
	incident. The reasonable time to handle an incident is	
	within 24 Hours of reporting.	
Cyber security alerts	The cyber security alerts are issued by CERT-In on its	Number of security alerts issued
issued	website through emails and postal mail in certain cases to	
	appraise organizations and users about specific threats	
	and advise them on suitable countermeasures.	
Advisories issued	The advisories are issued by CERT-In on its website and	Number of advisories issued
	through mailing list regarding critical vulnerabilities	
	affecting or having potential to affect a large number of	
	systems or networks in its constituency	
Vulnerability Notes	The Vulnerability Notes are the information provided by	Number of vulnerability notes
issued	CERT-In to its constituents in response to a new	issued
	vulnerability discovered in a system, platform, service or	
	device and suggesting suitable workarounds and/or	
	patches.	
	11	

Specific Performance Requirements from other Departments

Departments	Relevant Success Indicator	What do you need?	Why do you need it?	How much you need?	What happens if you do not get it?
State Governments	Operationalization of 19 SWAN Networks Finalization of SDC Contracts in 8 States Setting up of additional 38000 CSCs	Timely Bid process management and implementation by State Governments	As per the schemes initiative is taken by GOIs but the entire implementation is with State Governments	100 %	Implementation of projects gets delayed in case there is delay in performance by the State Governments.
Respective Line Departments, Central and State Government Departments	To appraise the RFP, EFC notes for MMPs within 2 weeks from the date of receipt of electronic copy	Timely Scheme conceptualization, administrative and financial approvals, bid process management and implementation by Line Ministries and State Governments	Line departments / State Governments are owners of MMPs and are responsible for Project conceptualization, administrative and financial approvals, bid process management and implementation.	100 %	Delay in finalization of project documents and implementation of MMPs by Line Ministries and State Governments will result in delayed delivery of e services, thus impacting governance
Respective Line Departments, Central and State Government Departments	Availability of round the clock secured e-Governance network services		To improve delivery of services and e- Governance projects.	100%	Government will lack the use of latest technology tools available for efficient delivery of services, monitoring and quick availability and exchange of information.

	Results-Framework Document (RFD) for Department of Information Technology (2009-2010)						
	Number of sites e-	Network based e-		100%			
	governance applications implemented	Gov applications	To improve delivery of services and e- Governance projects.		Non availability of timely information for Planning, development and monitoring. It will also effect quality of Government services.		
Ministry of Finance	Complete processing of applications received upto 31.12.09 in response to SIPS	Favorable consideration by the Technical Committee, Appraisal Committee, Ministry of Finance and Cabinet/ CCI	Responsibilities of the concerned nodal ministries under the allocation of Business Rules.	100%	Could adversely impact efforts to boost growth of IT industry, specially electronics hardware manufacturing		
M/o Finance, Commerce & Industry, HRD, D/o Telecom, etc	Obtain in-principle approval of implementable recommendations of the Task Force by 31 st March 2010	Favorable consideration by Ministry of Finance and Cabinet /CCI	Responsibilities of the concerned nodal ministries under the allocation of Business Rules.	100%	Could adversely impact efforts to boost growth of IT industry, specially electronics hardware manufacturing		
Ministry of Finance	The proposal for extension of STP & EHTP is considered by Ministry of Finance and Cabinet / CCI by 31.3.2010	To seek approval for extension of STP & EHTP scheme with or without modifications beyond March 2011	M/o Finance is the nodal ministry for approving all proposals having financial implications.	100%	Non approval of extension could seriously impact growth of IT-ITES exports.		

4010 ^ ^

	Results-Framework Document (RFD) for Department of Information Technology (2009-2010)							
	Release of Upgraded	Sanction of	CERT-In operates on	Additional	It will affect the achievement			
	'Crisis Management Plan for	manpower	24X7 basis. Present	30 persons	and realisation of targets			
	countering cyber attacks and		manpower strength is					
	cyber terrorism'		26 and requires to be					
			enhanced significantly in					
	Conducting cyber security		line with the					
	mock drills		responsibility reposed on					
			CERT-In.					
	Security incidents handled							
	% of Incidents handled in							
	reasonable time							
	Cyber security alerts issued							
	Advisories issued							
	Vulnerability notes issued							
Concerned	Release of Upgraded 'Crisis	Comments on	The Crisis Management		Delays the process of			
Ministries/Dep	Management Plan for	Crisis	Plan envisages different		upgradation of Crisis			
artments in	countering cyber attacks and	Management Plan	roles and responsibilities		Management Plan			
Central	cyber terrorism'		to be performed by					
Government			concerned Ministries /					
			Departments. The plan					
			will be upgraded based					
			on their inputs.					
Concerned	Creation of cyber security	Comments on	The cyber security		Delays the process of creation			
Ministries/Dep	policy	cyber security	policy needs to be		of Cyber Security Policy			
artments in	document and release for	policy	implemented by					
Central	public consultation		Ministries/Departments.					
Government			Their comments/inputs					
			are required to make it					
			practicable by them.					

RFD FINAL SENT TO CAB SECTT on 27.01.10 5.00pm