



Government of India

**R F D**

(Results-Framework Document)  
for

Telecommunication Engineering Centre

(2014-2015)

## Section 1: Vision, Mission, Objectives and Functions

### Vision

Develop world-class standards and testing processes for certification of telecom equipment and networks for conformance to quality requirements

### Mission

Draw specifications for establishing state-of-the-art seamlessly interoperable networks, and certification thereof for conformance to quality requirements; Lay down technical parameters to ensure adherence to defined QoS and SLA; Implement mandatory certification procedure for all telecom products for conformance to technical, interoperability, EMI/EMC, security, safety, health requirements; Carry out testing and certification of equipment and networks; Draw guidelines for disaster resilient network, and for disaster management and recovery; Provide technical support and inputs to DoT and other government departments; Provide technical support to telecom service providers for operation and development of telecom network

### Objectives

- 1 Projects
- 2 Formulation of Standards
- 3 Conduction of courses in NTIPRIT

### Functions

- 1 Draw specifications for establishing networks and services, based on state-of-the-art technologies, compliant with technical, interoperability, EMI/EMC, security, safety, health requirements
- 2 Test and certify equipment, interfaces, and networks for conformance to technical, interoperability, EMI/EMC, security, safety, health requirements
- 3 Implement mandatory certification of all telecom products
- 4 Establish testing laboratories for testing and certification
- 5 Participate in international standards development organisations for standardisation and coordination activities, to safeguard the interests of India
- 6 Validate telecom technologies developed by various R&D centres
- 7 Study evolving technologies and services for deployment in Indian network
- 8 Provide technical support and inputs to DoT and other government departments

## Section 1: Vision, Mission, Objectives and Functions

- 9 Promote the activities for Mutual Recognition Agreement (MRA)
- 10 Interact with stakeholders and associations for implementation of standards and overall coordination
- 11 Make office environment and working customer-friendly, conducive for business
- 12 Coherent capacity building of officers for continuous skill upgradation

## Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
[1] Projects	10.00	[1.1] Establishing Security Lab	[1.1.1] Placement of Purchase Order	Date	4.00	02/03/2015	09/03/2015	16/03/2015	23/03/2015	31/03/2015
		[1.2] Establishing SAR Lab Mumbai	[1.2.1] Placement of Purchase Order	Date	2.00	02/03/2015	09/03/2015	16/03/2015	23/03/2015	31/03/2015
		[1.3] Establishing CPE & Terminal Lab	[1.3.1] Placement of Purchase Order	Date	2.00	02/03/2015	09/03/2015	16/03/2015	23/03/2015	31/03/2015
		[1.4] Establishing Green Passport Lab	[1.4.1] Preparation of Project Estimate	Date	1.00	02/03/2015	09/03/2015	16/03/2015	23/03/2015	31/03/2015
		[1.5] Establishing Test Labs at RTECs	[1.5.1] Preparation of Project Estimate	Date	1.00	02/03/2015	09/03/2015	16/03/2015	23/03/2015	31/03/2015
[2] Formulation of Standards	62.00	[2.1] Formulation of New Standards	[2.1.1] Number of Standards approved	Number	26.00	13	11	9	8	7
		[2.2] Revision of Existing Standards	[2.2.1] Number of Standards approved	Number	20.00	20	18	16	14	12
		[2.3] Study of futuristic technologies	[2.3.1] Number of Study Papers approved	Number	16.00	16	14	12	10	8
[3] Conduction of courses in NTIPRIT	15.00	[3.1] Conduction of Courses	[3.1.1] Conduction of courses	Number	15.00	20	18	16	14	12
* Efficient Functioning of the RFD System	3.00	Timely submission of Draft RFD for 2014-2015 for Approval	On-time submission	Date	2.0	15/05/2014	16/05/2014	19/05/2014	20/05/2014	21/05/2014
		Timely submission of Results for 2013-2014	On-time submission	Date	1.0	01/05/2014	02/05/2014	05/05/2014	06/05/2014	07/05/2014
* Enhanced Transparency / Improved Service delivery of Ministry/Department	3.00	Rating from Independent Audit of implementation of Citizens' / Clients' Charter (CCC)	Degree of implementation of commitments in CCC	%	2.0	100	95	90	85	80

\* Mandatory Objective(s)

## Section 2: Inter se Priorities among Key Objectives, Success indicators and Targets

Objective	Weight	Action	Success Indicator	Unit	Weight	Target / Criteria Value				
						Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
		Independent Audit of implementation of Grievance Redress Management (GRM) system	Degree of success in implementing GRM	%	1.0	100	95	90	85	80
* Administrative Reforms	7.00	Update organizational strategy to align with revised priorities	Date	Date	2.0	01/11/2014	02/11/2014	03/11/2014	04/11/2014	05/11/2014
		Implementation of agreed milestones of approved Mitigating Strategies for Reduction of potential risk of corruption (MSC).	% of Implementation	%	1.0	100	90	80	70	60
		Implementation of agreed milestones for ISO 9001	% of implementation	%	2.0	100	95	90	85	80
		Implementation of milestones of approved Innovation Action Plans (IAPs).	% of implementation	%	2.0	100	90	80	70	60

\* Mandatory Objective(s)

### Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value for FY 12/13	Actual Value for FY 13/14	Target Value for FY 14/15	Projected Value for FY 15/16	Projected Value for FY 16/17
[1] Projects	[1.1] Establishing Security Lab	[1.1.1] Placement of Purchase Order	Date	--	--	02/03/2015	--	--
	[1.2] Establishing SAR Lab Mumbai	[1.2.1] Placement of Purchase Order	Date	--	--	02/03/2015	--	--
	[1.3] Establishing CPE & Terminal Lab	[1.3.1] Placement of Purchase Order	Date	--	--	02/03/2015	--	--
	[1.4] Establishing Green Passport Lab	[1.4.1] Preparation of Project Estimate	Date	--	--	02/03/2015	--	--
	[1.5] Establishing Test Labs at RTECs	[1.5.1] Preparation of Project Estimate	Date	--	--	02/03/2015	--	--
[2] Formulation of Standards	[2.1] Formulation of New Standards	[2.1.1] Number of Standards approved	Number	10	10	13	--	--
	[2.2] Revision of Existing Standards	[2.2.1] Number of Standards approved	Number	21	21	20	--	--
	[2.3] Study of futuristic technologies	[2.3.1] Number of Study Papers approved	Number	14	14	16	--	--
[3] Conduction of courses in NTIPRIT	[3.1] Conduction of Courses	[3.1.1] Conduction of courses	Number	16	16	18	--	--
* Efficient Functioning of the RFD System	Timely submission of Draft RFD for 2014-2015 for Approval	On-time submission	Date	--	--	16/05/2014	--	--
	Timely submission of Results for 2013-2014	On-time submission	Date	--	01/05/2014	02/05/2014	--	--
* Enhanced Transparency / Improved Service delivery of Ministry/Department	Rating from Independent Audit of implementation of Citizens' / Clients' Charter (CCC)	Degree of implementation of commitments in CCC	%	--	--	95	--	--

\* Mandatory Objective(s)

### Section 3: Trend Values of the Success Indicators

Objective	Action	Success Indicator	Unit	Actual Value for FY 12/13	Actual Value for FY 13/14	Target Value for FY 14/15	Projected Value for FY 15/16	Projected Value for FY 16/17
	Independent Audit of implementation of Grievance Redress Management (GRM) system	Degree of success in implementing GRM	%	--	--	95	--	--
* Administrative Reforms	Update organizational strategy to align with revised priorities	Date	Date	--	--	02/11/2014	--	--
	Implementation of agreed milestones of approved Mitigating Strategies for Reduction of potential risk of corruption (MSC).	% of Implementation	%	--	--	90	--	--
	Implementation of agreed milestones for ISO 9001	% of implementation	%	--	--	95	--	--
	Implementation of milestones of approved Innovation Action Plans (IAPs).	% of implementation	%	--	--	90	--	--

\* Mandatory Objective(s)

## Section 4: Acronym

Sl.No	Acronym	Description
1	CPE	Customer Premises Equipment
2	Lab	Laboratory
3	RTEC	Regional Telecommunication Engineering Center
4	SAR	Specific Absorption Ratio
5	TEC	Telecommunication Engineering Center



## Section 4: Description and Definition of Success Indicators and Proposed Measurement Methodology

Sl.No	Success indicator	Description	Definition	Measurement	General Comments
1	[1.1.1] Placement of Purchase Order	It is meant to monitor the status of Project	Issue of Purchase Order for supply of equipment	Date	
2	[1.5.1] Preparation of Project Estimate	It is meant to monitor the status of the project	To prepare the project estimate	Date	
3	[2.1.1] Number of Standards approved	The success indicator is meant for promoting Indian Standard development and creations of intellectual property rights	Introduction of Indian Standards for Telecom Equipment will make India a valuable player in the field of telecommunications	Number	
4	[2.3.1] Number of Study Papers approved	It is meant to monitor the status of preparation of Study Papers	Preparation of Study Papers to keep officers updated with latest technical developments and further creation of Indian standards	Number	
5	[3.1.1] Conduction of courses	To conduct regular & In-service courses for the officers for capacity building	Imparting training to fresh entrants in the department as well as updating officers with latest technical developments through In-service courses	Number	

**Section 4:**  
**Description and Definition of Success Indicators and Proposed Measurement Methodology**

Sl.No	Success indicator	Description	Definition	Measurement	General Comments
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## Section 5 : Specific Performance Requirements from other Departments

Location Type	State	Organisation Type	Organisation Name	Relevant Success Indicator	What is your requirement from this organisation	Justification for this requirement	Please quantify your requirement from this Organisation	What happens if your requirement is not met.
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## Section 6: Outcome/Impact of Department/Ministry

Outcome/Impact of Department/Ministry	Jointly responsible for influencing this outcome / impact with the following department (s) / ministry(ies)	Success Indicator	Unit	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17
1 Capacity Building		Conduction of Courses	Number	16	16	20		
2 Introduction of Indian Standards for Telecom Equipments		Preparation of Standards	Number	31	31	33		