



Government of India

R F D

(Results-Framework Document)
for

Indian Bureau of Mines

(2014-2015)

Section 1: Vision, Mission, Objectives and Functions

Vision

“IBM to perform as a National Technical Regulator and to discharge the developmental functions for the sustainable development of the mineral industry and to work as repository of database on mines and minerals”

Mission

1) To ensure effective regulation of Indian Mineral Sector which promotes long term benefits for its sustainable growth.2) to provide capacity building to State regulatory agencies and also to provide quality technical assistance to the mineral industry. 3) To work as data bank on mines and minerals and to disseminate mineral information for policy formulations.

Objectives

- 1 Inspection of Mines
- 2 Preparation of Mineral Maps with Forest Overlays
- 3 Development of Project on computerized online register of Mining Tenement System (MTS)
- 4 Ore Dressing Investigations
- 5 Indian Minerals Year Book (IMYB)
- 6 Compilation of Monthly Statistics on Mineral Production (MSMP)
- 7 Technical Consultancy and Mining Research Studies
- 8 Internal audit for MCDR Inspections.
- 9 Scrutiny and processing of Statutory Returns.
- 10 Human Resource Development & Capacity building for Central & State Government and other stakeholders
- 11 Facilitating techno-economic and scientific development in the mineral sector

Functions

- 1 a) Indian Bureau of Mines is engaged in the promotion of scientific development of mineral resources of the country, conservation of minerals, protection of environment in mines, other than coal, petroleum and natural gas, atomic mineral and minor minerals.
- 2 b) Regulatory functions, with respect to the relevant provisions of the Mines and Minerals (Development and Regulation) Act, 1957 and enforcement of the rules framed there under namely Mineral Conservation and Development Rules, 1988 and Mineral Concession Rules, 1960.
- 3 c) Monitoring certain provisions of the Environmental (Protection) Act, 1986 and Rules made there under.

Section 1: Vision, Mission, Objectives and Functions

- 4 d) Undertakes scientific, techno-economic, research oriented studies in various aspects of mining, geological studies and environmental studies.
- 5 e) Research & Development studies in the field of mineral beneficiation, mineral characterization, chemical analysis and analysis of environmental samples.
- 6 f) Preparation of mineral maps and a countrywide inventory of mineral resources of leasehold and freehold areas.
- 7 g) Promotion and monitor community development activities in mining areas.
- 8 h) Functioning as data bank of mines and minerals and publishes statistical periodicals.
- 9 i) Bringing out technical publications/ monographs on individual mineral commodities and bulletins of topical interest.
- 10 j) Play advisory role to Central and State Governments on all aspects of mineral industry, trade, legislation, etc.
- 11 K) Imparts training to technical and non-technical officials of IBM and also persons from the mineral industry and other agencies in India and abroad.

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] Inspection of Mines	15.00	[1.1] Inspection of Mines for enforcement of Provisions of MCDR,1988, Inspections for processing of Mining Plans and Scheme of Mining including Mine Closure Plan and inspections for processing of FMCP/PMCP	[1.1.1] Completion of 2500 inspections	Number	15.00	2500	2250	2000	1750	1500
[2] Preparation of Mineral Maps with Forest Overlays	5.00	[2.1] Updation of Multi-Mineral leasehold maps with corresponding forest overlays on a scale 1:50,000.	[2.1.1] Completion of 100 Mineral Maps	Number	5.00	100	90	80	70	60
[3] Development of Project on computerized online register of Mining Tenement System (MTS)	10.00	[3.1] Tendering and processing of bids for selection of System Integrator, issue of Work Order and initiation for development of software	[3.1.1] Selection of System Integrator and issue of Work Order for MTS	Date	10.00	31/01/2015	28/02/2015	10/03/2015	15/03/2015	31/03/2015
[4] Ore Dressing Investigations	5.00	[4.1] Ore Dressing Investigations	[4.1.1] Completion of 60 OD investigations	Number	5.00	60	54	48	42	36
[5] Indian Minerals Year Book (IMYB)	10.00	[5.1] IMYB 2013 - Preparation of reviews, technical editing, general editing and formatting.	[5.1.1] Publication of IMYB 2013 with 80 reviews	Number	3.00	80	72	64	56	48
		[5.2] IMYB 2014- Finalization of end use mineral consumption Data and generation of tables	[5.2.1] Preparation of 50 tables for IMYB 2014	Number	3.00	50	45	40	35	30

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%
		[5.3] Updating and publishing of National Mineral Inventory at a glance as on 1/4/013 for 12 minerals (viz. Copper, Lead-Zinc, Gold, Diamond, Tin, Tungsten, Molybdenum, Silver, Apatite, Rock Phosphate, Iron and Chromite)	[5.3.1] Publishing of National Mineral Inventory at a glance	Date	4.00	31/12/2014	31/01/2015	28/02/2015	15/03/2015	31/03/2015
[6] Compilation of Monthly Statistics on Mineral Production (MSMP)	6.00	[6.1] Receipts of returns, processing and data entry and final submission to IBM press for publication	[6.1.1] Publication of 12 issues of MSMP	Number	6.00	12	11	10	9	8
[7] Technical Consultancy and Mining Research Studies	6.00	[7.1] Techno-economic evaluation studies, feasibility studies and other mining research studies	[7.1.1] Completion of 04 Technical and Mining Research Studies	Number	6.00	4	3	2	1	0
[8] Internal audit for MCDR Inspections.	5.00	[8.1] Internal audit by Zonal offices for MCDR Inspections carried out by Regional offices.	[8.1.1] 5% of 2500 Inspections	Number	5.00	125	113	100	88	75
[9] Scrutiny and processing of Statutory Returns.	5.00	[9.1] Scrutiny and Processing of Monthly and Annual Returns submitted by the lease holders.	[9.1.1] Scrutiny of 25000 statutory returns	Number	5.00	25000	22500	20000	17500	15000
[10] Human Resource Development & Capacity building for Central & State Government and other stakeholders	10.00	[10.1] Conducting trainings/ workshops/ seminars for skill development	[10.1.1] Number of programmes organized by IBM	Number	10.00	16	14	12	10	8
[11] Facilitating techno-economic and scientific development in the	10.00	[11.1] Sub Sectors Development Plans for	[11.1.1] Preparation of Sub Sectors	Number	5.00	4	3	2	1	0

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%
mineral sector		rock phosphate, aluminum and lead & zinc	Reports for metals (by number of reports)							
		[11.2] Non-legislative items in national Mineral Policy 2008	[11.2.1] Implementation of 5 non-legislative items of National Mineral Policy 2008	Number	5.00	5	4	3	2	1
* 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
		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

* 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%
		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] Inspection of Mines	[1.1] Inspection of Mines for enforcement of Provisions of MCDR, 1988, Inspections for processing of Mining Plans and Scheme of Mining including Mine Closure Plan and inspections for processing of FMCP/PMCP	[1.1.1] Completion of 2500 inspections	Number	2520	2512	2500	2500	2500
[2] Preparation of Mineral Maps with Forest Overlays	[2.1] Updation of Multi-Mineral leasehold maps with corresponding forest overlays on a scale 1:50,000.	[2.1.1] Completion of 100 Mineral Maps	Number	100	100	100	100	100
[3] Development of Project on computerized online register of Mining Tenement System (MTS)	[3.1] Tendering and processing of bids for selection of System Integrator, issue of Work Order and initiation for development of software	[3.1.1] Selection of System Integrator and issue of Work Order for MTS	Date	--	--	28/02/2015	--	--
[4] Ore Dressing Investigations	[4.1] Ore Dressing Investigations	[4.1.1] Completion of 60 OD investigations	Number	59	55	60	60	60
[5] Indian Minerals Year Book (IMYB)	[5.1] IMYB 2013 - Preparation of reviews, technical editing, general editing and formatting.	[5.1.1] Publication of IMYB 2013 with 80 reviews	Number	--	--	72	80	80

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
	[5.2] IMYB 2014- Finalization of end use mineral consumption Data and generation of tables	[5.2.1] Preparation of 50 tables for IMYB 2014	Number	--	--	45	--	--
	[5.3] Updating and publishing of National Mineral Inventory at a glance as on 1/4/013 for 12 minerals (viz. Copper, Lead-Zinc, Gold, Diamond, Tin, Tungsten, Molybdenum, Silver, Apatite, Rock Phosphate, Iron and Chromite)	[5.3.1] Publishing of National Mineral Inventory at a glance	Date	--	--	31/01/2015	--	--
[6] Compilation of Monthly Statistics on Mineral Production (MSMP)	[6.1] Receipts of returns, processing and data entry and final submission to IBM press for publication	[6.1.1] Publication of 12 issues of MSMP	Number	8	13	12	12	12
[7] Technical Consultancy and Mining Research Studies	[7.1] Techno-economic evaluation studies, feasibility studies and other mining research studies	[7.1.1] Completion of 04 Technical and Mining Research Studies	Number	--	7	4	4	4
[8] Internal audit for MCDR Inspections.	[8.1] Internal audit by Zonal offices for MCDR Inspections carried out by Regional offices.	[8.1.1] 5% of 2500 Inspections	Number	75	125	113	125	125
[9] Scrutiny and processing of Statutory Returns.	[9.1] Scrutiny and Processing of Monthly	[9.1.1] Scrutiny of 25000 statutory returns	Number	31436	32398	22500	25000	25000

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
	and Annual Returns submitted by the lease holders.							
[10] Human Resource Development & Capacity building for Central & State Government and other stakeholders	[10.1]Conducting trainings/ workshops/ seminars for skill development	[10.1.1] Number of programmes organized by IBM	Number	--	16	14	16	16
[11] Facilitating techno-economic and scientific development in the mineral sector	[11.1]Sub Sectors Development Plans for rock phosphate, aluminum and lead & zinc	[11.1.1] Preparation of Sub Sectors Reports for metals (by number of reports)	Number	--	2	3	--	--
	[11.2]Non-legislative items in national Mineral Policy 2008	[11.2.1] Implementation of 5 non-legislative items of National Mineral Policy 2008	Number	--	--	4	--	--
* 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	--	14/05/2014	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	--	--
	Independent Audit of implementation of Grievance Redress Management (GRM) system	Degree of success in implementing GRM	%	--	--	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
* 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	DGCI & S	Directorate General of Commercial Intelligence and Statistics
2	DGMS	Directorate General of Mines Safety
3	DPR	Detailed Project Report
4	EOI	Expression Of Interest
5	FMCP	Final Mine Closure Plan
6	IBM	Indian Bureau of Mines

Section 4: Acronym

Sl.No	Acronym	Description
7	IMYB	Indian Minerals Year Book
8	MCDR	Mineral Conservation and Development Rules, 1988
9	MCR	Mineral Concession Rules, 1960
10	MMDR ACT	Mines and Minerals development and Regulation Act, 1957
11	MOU	Memorandum of Understanding
12	MSMP	Monthly Statistics on Mineral Production

Section 4: Acronym

Sl.No	Acronym	Description
13	MTS	Mining Tenement System
14	NIC	National Informatics Centre
15	OD	Ore Dressing
16	PMCP	Progressive Mine Closure Plan
17	PSU	Public Sector Undertaking
18	RFP	Request For Proposal

Section 4: Acronym

Sl.No	Acronym	Description
-------	---------	-------------

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] Completion of 2500 inspections	Inspection of Mines for enforcement of Provisions of MCDR,1988, Inspections for processing of Mining Plans and Scheme of Mining including Mine Closure Plan and inspections for processing of FMCP/PMCP	Inspection of Mines are being undertaken for proper implementation of the statute to ensure scientific and systematic mining, environmental protection and mineral conservation	Number	These activities contribute to systematic & scientific development of mineral deposits, conservation of minerals, protection of environment, check on illegal mining and monitoring of community development, sustainable closure of mines, updation of inventory of minerals and implementation of threshold values of minerals
2	[2.1.1] Completion of 100 Mineral Maps	Updation of Multi-Mineral leasehold maps with corresponding forest overlays on a scale 1:50,000	Mineral Maps with Forest Overlays are being prepared to understand the availability of the national mineral wealth available in forest and non-forest areas	Number	Multi mineral maps enable to chalk out future plans for ecological sustainable development of mineral deposits.
3	[3.1.1] Selection of System Integrator and issue of Work Order for MTS	Retendering and bid process for Selection of System Integrator and issue of Work Order.	The project on computerized on-line register of mining tenement system will facilitate for the rapid development of the mineral industry in India. Detail Project Report (DPR) for states for Design and development	Date	Nil

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

Sl.No	Success indicator	Description	Definition	Measurement	General Comments
3	[3.1.1] Selection of System Integrator and issue of Work Order for MTS	Retendering and bid process for Selection of System Integrator and issue of Work Order.	of Registry component at national level and integration of GIS and Registry Components has been prepared. The system will be designed to capture life cycle information of the concession.	Date	Nil
4	[4.1.1] Completion of 60 OD investigations	Ore Dressing Investigations	Ore Dressing Investigations are being done to develop a method for up gradation of the lean ore. This is a supporting activity for conservation and utilization of lean ores	Number	These activities ensure value addition to low / sub-grade ores and optimum recovery of ores and minerals. Environmental parameters can be monitored through analysis of environmental samples.
5	[5.1.1] Publication of IMYB 2013 with 80 reviews	IMYB 2013 – Preparation of reviews, technical editing, general editing and formatting	Indian Minerals Year Book, a flagship publication of IBM being published yearly, is a book on complete information of Indian minerals	Number	Fulfillment of the target is subject to the availability of sanctioned strength of officers & staff, throughout the year.
6	[5.2.1] Preparation of 50 tables for IMYB 2014	IMYB 2014- Finalization of end use mineral consumption Data and generation of tables	Indian Minerals Year Book, a flagship publication of IBM being published yearly, is a book on complete information of Indian	Number	Fulfillment of the target is subject to the availability of sanctioned strength of officers & staff, throughout the year

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

Sl.No	Success indicator	Description	Definition	Measurement	General Comments
6	[5.2.1] Preparation of 50 tables for IMYB 2014	IMYB 2014- Finalization of end use mineral consumption Data and generation of tables	minerals	Number	Fulfillment of the target is subject to the availability of sanctioned strength of officers & staff, throughout the year
7	[6.1.1] Publication of 12 issues of MSMP	Receipts of returns, processing and data entry and final submission to IBM press for publication	IBM being a nation's data bank on mines & minerals, hence monthly statistics on mineral production is published by IBM. Data compilation is being done based on the monthly and annual returns submitted by lease holders to IBM	Number	In addition to collection of data from statutory sources, IBM also collects data from other sources like all State Govts., DGC & S, Kolkata, Coal Controller, Kolkata, Ministry of Commerce & Industry, Ministry of Steel, Ministry of Petroleum & Natural Gas, New Delhi, DGMS etc., Therefore completion of these publications are subject to timely receipt of data from these sources and availability of sanctioned strength throughout the year.
8	[7.1.1] Completion of 04 Technical and Mining Research Studies	Technical Consultancy and Mining Research Studies	Techno-economic evaluation studies, feasibility studies and other mining research studies to find out the solutions for issues and concerns at regional level.	Number	Nil

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

Sl.No	Success indicator	Description	Definition	Measurement	General Comments
9	[8.1.1] 5% of 2500 Inspections	Internal audit by Zonal offices for MCDR Inspections carried out by Regional offices.	Internal audit by Zonal offices for MCDR Inspections carried out by Regional offices for effective implementation of MCDR 1988 in mining areas	Number	Nil
10	[9.1.1] Scrutiny of 25000 statutory returns	Scrutiny and Processing of Monthly and Annual Returns submitted by the lease holders	Majority of data compilation is being done based on the monthly and annual returns submitted by lease holders to IBM. Hence thorough verification and authenticity of data needs to be checked.	Number	Nil
11	[10.1.1] Number of programmes organized by IBM	Human resource development and capacity building for Central and State Governments and other stakeholders.	Conducting trainings/workshops/seminars for skill development of personnel employed in the industry and government in the mining sector	Number	Nil
12	[11.1.1] Preparation of Sub Sectors Reports for metals (by number of reports)	Sub Sectors Development Plans for rock phosphate, aluminum and lead & zinc	Preparation of Sub Sectors Reports for metals (by number of reports)	Number	Nil

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

Sl.No	Success indicator	Description	Definition	Measurement	General Comments
13	[11.2.1] Implementation of 5 non-legislative items of National Mineral Policy 2008	Non-legislative items in national Mineral Policy 2008	Implementation of 5 non-legislative items of National Mineral Policy 2008	Number	Nil

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.
Central Government		Ministry	Ministry of Commerce	[6.1.1] Publication of 12 issues of MSMP	Timely and correct submission of monthly and annual returns by the lease holders and timely receipt of data from DGCI & S Kolkata	Timely release of publication i.e. Monthly statistics on mineral production	submission of monthly and annual returns by the lease holders and data from DGCI & S Kolkata on mineral statistics	Difficult to release publication in the stipulated time

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 Development of UNFC compliant online database for instant information to prospective investors on area availability for mineral concessions	MTS: State Governments, NIC, Consultant and other agencies.	Execution of Job as envisaged in Section 2	Date			31/01/2015		
2 Provide information support to the Government & Mineral industry on minerals and mineral based industries (IMYB)	Concerned Ministries Departments of Central Govt. and PSU etc.	Publication of IMYB 2013 with 80 reviews	number	80	80	80	80	80
3 Generation and dissemination of statistical information on various economic activities on mines and minerals for computation of index of industrial production and royalty calculations. (MSMP)	DGCI & S Kolkata and PSUs	Publication of 12 issues of MSMP	Number	11	13	12	12	12