

SECTION 1
Results Framework Document (RFD) for Indian Bureau of Mines- 2011-12

Vision: IBM to evolve as National Technical Regulator and providing information of all mines & minerals. IBM to work for ensuring scientific and systematic development of mineral resources, conservation of minerals and protection of environment.

Mission:

- 1) To provide quality services to stakeholders.
- 2) To ensure effective regulation of Indian Mineral Sector which promotes long term benefits for its sustainable growth.

Objectives: Regulation of mines and development and scientific management of mineral resources.

Functions:

- 1) Inspection of Mines
- 2) Mining Geological Studies and prospecting level data management
- 3) Information dissemination
- 4) National Mineral Inventory and related information
- 5) Computerization of concession management
- 6) Mining Plan and Mine Closure Plans
- 7) Sustainable development framework for mining sector.

SECTION 2

Table 1: Format of the Results Framework Document (RFD)

Column 1	Column 2	Column 3	Column 4		Column 5	Column 6				
Objective	Weight	Action	Success Indicator	Unit	Weight	Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
1) Inspection of Mines	25%	Inspection of Mines for enforcement of Provisions of MCDR, 1988	Completion of 2000 inspections	No.	15%	2000	1900	1800	1700	1600
		Inspections for processing of Mine Plans and Scheme of Mining including Mine Closure Plan	Completion of 500 inspections	No.	10%	500	450	400	350	300
2) Regional Mining Geological Studies (RMGS)	5%	Regional Mining Geological Studies. - Crash programme for implementation of threshold values for Manganese, Chromite and Bauxite mines and revaluation/validation of Iron ore Mines	Completion of 12 RMGS	No.	5%	12	11	10	9	8
3) Preparation of Mineral Maps with Forest Overlays	5%	Multi mineral maps with forest overlays in respect of Goa, Kerala, West Bengal, Haryana, Himachal Pradesh, Jammu & Kashmir and North Eastern States with forest overlays on a scale 1:50,000.	Completion of 100 Mineral Maps	No.	5%	100	95	90	85	80
4) Creation of Portal of IBM	10%	Award of work	Completion of Job	Date	2%	1 st April 2011	5 th April 2011	10 th April 2011	15 th April 2011	20 th April 2011
		Project initiation, system design.	Completion of Job	Date	2%	31 st August 2011	15 th Sept. 2011	30 th Sept. 2011	15 th Oct. 2011	31 st Oct. 2011
		Development and Testing	Completion of Job	Date	4%	31 st Dec. 2011	15 th Jan. 2012	31 st Jan. 2012	15 th Feb. 2012	29 th Feb. 2012
		Security audit, training and sign off	Completion of Job	Date	2%	1 st Feb. 2012	15 th Feb. 2012	29 th Feb. 2012	15 th March 2012	31 st March 2012

Objective	Weight	Action	Success Indicator	Unit	Weight	Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
5) Development of Project on computerized on-line register of mining tenement system	10%	i) Completion of Pilot Project in two districts.	Submission of completion report by IBM	Date	5%	30 th June 2011	15 th July 2011	30 th July 2011	16 th August 2011	31 st August 2011
		ii) Preparation and completion of DPR for the project.	Completion of Job	Date	5%	15 th Feb. 2012	15 th March 2012	31 st March 2012	-	-
6) Ore Dressing Investigations	10%	Ore Dressing Investigations	Completion of 70 investigations	No.	10%	70	65	60	55	50
7) Updation of National Mineral Inventory	10%	1. Data collection for freehold areas and leasehold public areas from exploration agencies.	5100 deposits	No	2.5%	5100	5000	4900	4800	4700
		2. Finalization of deposit wise inventory.	40 minerals	No	2.5%	40	38	36	34	32
		3. Synthesis of inventories of freehold and public sector and private sector leasehold deposits.	5100 Deposits	No	2.5%	5100	5000	4900	4800	4700
		4. Computerization of updated inventories as on 1.4.2010 and generation of summary output	52 minerals	No.	2.5%	52	50	48	46	44
8) Indian Minerals Year Book	10%	IMYB 2010 - Preparation of reviews, technical editing, general editing and formatting.	80 reviews	No	6%	80	75	70	65	60
		IMYB 2011 - Finalization of end use mineral consumption Data and generation of tables	50 tables	No.	2%	50	45	40	35	30
		IMYB 2012 - Issue of questionnaires, follow up scrutiny and processing of data	2500 parties	No.	2%	2500	2400	2300	2200	2100
9) Compilation of Monthly Statistics on Mineral Production (MSMP)	5%	Receipts of returns, processing and data entry and final submission to IBM press for publication	12 issues	No.	5%	12	11	10	9	8

Objective	Weight	Action	Success Indicator	Unit	Weight	Excellent	Very Good	Good	Fair	Poor
						100%	90%	80%	70%	60%
10) ISO 9001-2008 Certification for Nagpur Regional Office of IBM in first phase.	5%	i) Documentation for ISO	Execution of the objective	Date	3%	1 st Oct. 2011	1 st Nov. 2011	1 st Dec. 2011	1 st Jan. 2012	1 st Feb, 2012
		ii) Auditing the procedure by ISO personnel	Execution of the objective	Date	1.0%	1 st Nov. 2011	1 st Dec. 2011	1 st Jan. 2012	1 st Feb, 2012	1 st March, 2012
		iii) Award of ISO certification to Nagpur Regional office	Execution of the objective	Date	1.0%	1 st Dec. 2011	1 st Jan. 2012	1 st Feb, 2012	1 st March, 2012	1 st April, 2012
11) Workshop on Sustainable development Framework	5%	Conducting workshop in Sustainable Development Framework for Industry people.	10 workshops at State Level in a year	No.	5%	10	9	8	7	6

SECTION 3
Trend Value for Success Indicators

Sr. No.	Objective	Actions	Success Indicators	Unit	Actual value for the FY 08/09	Target value for the FY 09/10	Projected value for the FY 10/11	Projected value for the FY 11/12	Projected value for the FY 12/13
1	Inspection of Mines	Inspection of Mines as per the schedule given in Section 2	Timely inspection of mines as per the assigned targets.	Action	2645 including 857 Inspection for processing of Mine Plans and Scheme of Mining including Mine Closure Plan (2500)	2371 including 744 Inspection for processing of Mine Plans and Scheme of Mining including Mine Closure Plan (2500)	1765 up to Feb.11 including 421 Inspection for processing of Mine Plans and Scheme of Mining including Mine Closure Plan (2000)	2000	2000
		Inspection for processing of Mine Plans and Scheme of Mining including Mine Closure Plan as per the schedule given in Section 2	Timely inspection for processing of Mine Plans and Scheme of Mining including Mine closure plan as per the assigned targets.	Action				500	500
2	Regional Mining Geological Studies (RMGS)	RMGS as per the schedule given in Section 2	Timely completion of studies as per the assigned targets.	Action	12	12	N.A.	12 studies	12
3	Preparation of Mineral Maps with Forest Overlays	Preparation of mineral maps as per the schedule given in Section 2	Timely completion of the assigned targets	Action	100	100	100	100 maps	N.A.

Sr. No.	Objective	Actions	Success Indicators	Unit	Actual value for the FY 08/09	Target value for the FY 09/10	Projected value for the FY 10/11	Projected value for the FY 11/12	Projected value for the FY 12/13
4	Creation of Portal of IBM	Award of the work to NIC	Timely issue of the work order.	Action	N.A.	N.A.	Identification of Data	Award of work order	N.A.
		Project initiation and designing of the system by NIC	Timely initiation, designing of the system.	Action	N.A.	N.A.	Preparation of wish list	Completion of the assigned job by NIC	N.A.
		Development and testing of the system by NIC	Timely completion and testing of the work order by NIC.	Action	N.A.	N.A.	Form designing etc	Completion of development and testing of the web portal by NIC	N.A.
		Security auditing, training of IBM officials and commissioning of the system by NIC	Timely completion of security auditing and training of IBM officials. Timely commissioning of the system	Action	N.A.	N.A.	MCAS data entry & monitoring	Completion of the security auditing and training of IBM officials. Commissioning of the web portal.	N.A.
5	Development of Project on computerized on-line register of mining tenement system.	Execution of the job as per the time schedule given in Section 2	Completion of pilot projects for two districts and preparation of DPR.	Action	N.A.	DGPS survey of mining leases in 2 districts	Successful completion of the prototype model for the two districts.	Implementation of system by development of MTS.	Implementation of system by development of MTS.
6	Ore Dressing Investigations	Investigations as per the time schedule given in Section 2.	Completion of the assigned target.	Action	68 (70)	66 (70)	54 (60)	70 investigations	70
7	Updation of National Mineral Inventory	Execution of the job as per the time schedule given in Section 2	Completion of the assigned target.	Action	Handbook on NMI for 65 minerals	Out put for 65 minerals	Summery output for 15 minerals	Completion of data collection & synthesis of lease hold and free holds areas for 5100 deposits	Completion of data collection & synthesis of lease hold and free hold areas for remaining deposits

Sr. No.	Objective	Actions	Success Indicators	Unit	Actual value for the FY 08/09	Target value for the FY 09/10	Projected value for the FY 10/11	Projected value for the FY 11/12	Projected value for the FY 12/13
8	Indian Minerals Year Book	Execution of the job as per the time schedule given in Section 2	Completion of the assigned target.	Action	IMYB 2007	IMYB 2008	IMYB 2009	Completion for the 80 reviews for IMYB 2010. Finalization of the EUMC data for IMYB 2011. Initial activities for IMYB 2012	Completion of the remaining activities for IMYB 2010, 2011 and 2012
9	Compilation of Monthly Statistics on Mineral Production (MSMP)	Execution of the job as per the time schedule given in Section 2	Timely publication of MSMP	Action	17 issues	11 issues	13 issues	Timely generation of the report on MSMP	Generation of the report on MSMP for the next year
10	ISO 9001-2008 Certification for IBM	Execution of the job as per the time schedule given in Section 2	Grant of certificate	Action	N.A.	N.A.	Award of work training of officers and documentation is in progress.	Completion of the documentation of records. Grant of certificate	Action for obtaining ISO 9001 for remaining offices of IBM
11	Workshop on Sustainable development Framework	Conducting workshops as per the time schedule given in Section 2	Conducting Workshops as per target	Action	N.A.	N.A.	N.A.	Conducting of four workshops on Sustainable Development Framework for Industry people.	N.A.

SECTION 4

Description and definition of success indicators and proposed measurement methodology.

- ❖ Inspections of Mines are being undertaken for proper implementation of the statute thereby to ensure the scientific and systematic mining, environmental protection and mineral conservation. Inspections for processing of Mine Plans and Scheme of Mining including Mine Closure Plan will improve the quality of Mining Plan, Scheme of Mining and Mine Closure Plan.
- ❖ Regional Mining Geological Studies are being undertaken to assess the regional status of a particular mineral in question.
- ❖ Mineral Maps with Forest Overlays are being prepared to understand the availability of the national mineral wealth available in forest and non-forest areas.
- ❖ Development of portal of IBM will facilitate the industry for on line submission of various returns, and in turn will facilitate the government for effective monitoring of the mineral industry.
- ❖ The project on computerized on-line register of mining tenement system will facilitate for the rapid development of the mineral industry in India. In the initial stage a proto type model for 2 districts has been developed by IBM. Based on the results the same will be expanded to entire nation.
- ❖ Ore Dressing Investigations are being done to develop a method for up gradation of the lean ore. This is a supplementary activity for conservation and utilization of lean ores.
- ❖ Updation of National Mineral Inventory as per UNFC is an important activity entrusted to IBM vides its charter of functions. Updation of the mineral inventory is being done after every 5 years.
- ❖ Indian Minerals Year Book, a flagship publication of IBM, is a book on complete information of Indian minerals.
- ❖ 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.
- ❖ By obtaining ISO 9001 to IBM, the objective of quality service will be achieved.
- ❖ By conducting workshops on Sustainable Development Framework for Industry people, awareness for environmental friendly methods in mining sector will be generated.

SECTION 5

Specific performance requirements from other departments that are critical for delivering agreed results.

The objective wise specific performance requirements from other departments for timely and successful completion of targets are as follows:

❖ **Inspection of Mines /Regional Mining Geological Studies/Preparation of Mineral Maps with Forest Overlays:**

The achievement of the assigned target is subject to availability of officers for inspection/studies, as those are required to for additional jobs like a) joint inspection with State Govt. for illegal mining. b) Priority inspection by Task Force c) MEMC Week Inspections d) Organizing illegal Mining Pakhwara in association with State Govt. e) Inspection for disposing Ministry references etc. Inspections for processing of Mine Plans and Scheme of Mining including Mine Closure Plan will depend upon receipt of proposals from Mining Industry.

❖ **Creation of Portal of IBM:** Timely completion of assignment by NIC.

❖ **Mining Tenement System:** Timely preparation of DPR by NICS

❖ **Ore Dressing Investigations:** Subject to availability of modern equip / instruments as recommended in the report of the working group.

❖ **Updation of National Mineral Inventory:** Timely compilation of data mainly depends on the timely and correct receipt of information from various agencies including State Governments.

❖ **Indian Minerals Year Book:** Timely compilation of data mainly depends on the timely and correct receipt of information from various agencies including State Governments.

❖ **Monthly statistics on mineral production:** Timely release of publication mainly depends on a) Timely and correct submission of monthly and annual returns by the lease holders. b) Timely receipt of data from DGCI & S Kolkata,

❖ **ISO 9001 for Nagpur regional Office of IBM:** Timely completion of all the office records / documents.

❖ **Conducting workshops on Sustainable Development Framework :** Subject to approval of SDF by Ministry of Mines and participation response from Industry personnel.