

**Government of India
Geological Survey of India**

Kolkata, April 2010

No. /HPC/Mission-IV/Fundamental & Multidisciplinary Geoscience/IC/2010

ORDER

1. Under direction from the Union Cabinet, Government of India vide Resolution No. 11(39)/2007-M.I dated 7th January 2008 constituted a High Powered Committee (HPC) to review the functioning of the Geological Survey of India (GSI) and assess its capacity to meet the emerging challenges taking into account the organisation's technological and manpower resources.
2. The HPC in its Report submitted to the Government on 31st March 2009 made a large number of recommendations including changes in Structure, Organisation & Human Resources in GSI. Ministry of Mines after considering the recommendations of the HPC accepted in principle the HPC recommendations for implementation.
3. One of the major recommendations is to re-structure the GSI in Mission-Region Hybrid Matrix mode of functioning. In the Annexure to the Resolution No.20/5//2009-M.II dated 07 July 2009, according 'Attached Office' status to GSI a list of policy executing and coordinating offices was provided which includes Five Missions, Six Regional Office, DG's Camp Office at Delhi etc. Each Mission will be divided into Divisions and further sub-divided into Technical Directorates. All Programmes will be executed in Regions by Operational Directorates. This may be done directly in a few cases (where specialized items are concerned) or through the State Unit, which consists of Projects Directorates [Which may be constituted for an individual program item or cluster of such items]. With this system the laboratories in existing Wings namely AMSE, Marine and Coal will cease to exist as such however, their programmatic activity will be subsumed in respective Missions and executional part in the Regions.
4. While Mission I and Mission V are essentially in the nature of providing general resource enrichment across GSI (respectively for data and HR), Mission IV, Fundamental & Multidisciplinary Geoscience like Mission II (Natural Resource Assessment & Mission III (Geoinformatics) in many ways will draw on work of the other Missions in order to synergistically create value added information. Inevitably, therefore Mission IV, somewhat like Mission II & III will have a distributed architecture.
5. Mission-IV will be headed by an Addl. Director General (Geology), Divisions by Dy. Director General (Geology)/Directors and Technical Directorates by Directors specializing in the subject. In addition, specific areas of each Mission may be headed by DDG/Director with appropriate specialisation. The Technical Directorates shall be responsible for formulation of specific project items in the respective field of specialization and each project [item] draft will be complete with details on all technical inputs required to be met including drilling and laboratory facilities requirement and should spell out clearly the desired outcome of the project. Similarly, as already stated, Regions will be headed by Addl. Director General (Geology) and will consist of

Operational Directorates for Mission-IV [as also for other Missions] headed by Dy. Director General(s)/Director(s). State Units will be headed by DDGs and Project Directorate under State Units by Directors/Supdtg. Geoscientist.

6. The Mission-IV [Fundamental & Multidisciplinary Geoscience] headquarters will be located at Kolkata and shall comprise of the following 4 Divisions:

(I) Geotechnical Studies Division, HQ at Kolkata with following Technical Directorates

- i. Engineering Geology, Kolkata
- ii. Landslide and Natural Hazards, New Delhi
- iii. Seismotectonics, Kolkata

(II) Biogeochemical & Chemical Geo-hazards, HQ at Kolkata

(III) Climate & Ecosystem Change, HQ at Faridabad

(IV) Fundamental & Multidisciplinary Geoscience, HQ at Kolkata with following Technical Directorates:

- i. Petrology, Kolkata
- ii. Geochronology, Kolkata
- iii. Gemology, Kolkata
- iv. Palaeontology, Kolkata
- v. Paleobiology, Kolkata
- vi. Planetary/Meteorite Studies, Kolkata
- vii. Deep Geology, Kolkata
- viii. Polar Studies, Faridabad
- ix. Glaciology, Faridabad

7. The ADG, Mission-IV shall be the Head of the Department and the following administration arrangements will be made for the Mission:-

- Till such time that the ADG, Mission-IV is declared HOD, the HOD, Eastern Region shall also be HOD for Mission-IV.
- All logistics support to Mission-IV and its Division shall be provided by the respective Divisions of S&T Support System and Administrative Support System.
- The annual assessment of S&T personnel of Mission-IV its Divisions and Technical Directorates will be under the Mission Head. For officers in Operational Directorates in Regions and Project Directorates in State Units under the Mission-IV annual assessment will be initiated in the Region. However, the assessment will be review/accepted by Mission-IV head.

8. Mission-IV: Fundamental & Multidisciplinary Geoscience with its Divisions and Technical Directorates located at Kolkata/Lucknow/Faridabad shall be responsible for:-

- Planning activities, giving targets to the Regions (and State Units) Coordinating availability of resources, monitoring performance and approving sectoral scientific and technical reports,
- Coordination with Policy Support System (CGPB committee Sect.) for programme formulation and emerging trends both local and global

- Implementation of the National Mineral Policy-2008 and other policy guidelines.
9. Each of the Mission-IV's Division will be headed by a DDG and Technical Directorate by a Director with 2-3 STS Officers. The Mission-IV office, its Division and Technical Directorate personnel will draw salary and allowances from Eastern Region. The service record etc. will also be maintained by Eastern Region. Mission-IV Divisions and Technical Directorate will closely monitor activities of Mission-IV programmes in Regions.
 10. An Operational Directorate in each Region headed by a Director (Geology) will closely monitor activities of Mission-IV programmes in Regions and each operational Directorate will have 2-3 STS level officers.
 11. Data Management & Dissemination of work related to Mission-IV shall be through Operational Directorate of Mission-III of respective Regions and for entire country through Mission-III [HQ]. As with other Missions, it will be the task of Mission-IV to formulate the management and dissemination requirements and to ensure that data is made available to Mission-III at Regional level in accordance with mutually agreed procedures.
 12. Projects under Environmental, PGRS, Petrology, Palaeontology, Map & Cartography, and Publications, Geophysics etc. presently under Coal/AMSE/Marine shall be immediately taken up by Operational Directorates under Mission-IV in respective Regions. C&D staff in those offices will remain at their present stations and they will retain seniority, as at present till natural attrition. Subsequently the post will be transferred to respective Region.
 13. Each Region will have Mission-IV Operational Directorates for Public Geoscience & Special Studies purposes to be headed by Dy. DG/Director and will be responsible for execution of FSP Projects [items] through Project Directorates which will be headed by Director/Supdtg. Geoscientist. For this purpose:
 - Regions will be responsible for budget, personnel, physical resource management, local coordination, and execution and reporting.
 - Regions will be responsible for budget, personnel physical resource Regional Head.
 - All Technical Reports generated in the Region will be accepted/circulated as per policy only after clearance from Mission Head.
 - HOD of Region will coordinate with S&T Support system for services
 14. Mission-IV Operational Directorate in Regions will comprise a number of Project Directorates to be headed by Director/Supdtg. Geologist and the number of such Project Directorates in a Region will vary from field season to field season and will depend upon number of Projects undertaken in a Region.
 15. The in-charge Mission-IV Operational Directorate in Regions will report to respective Technical Directorate in Mission-IV for issues related to programme execution/monitoring and for issues related to logistics/finance he will report to be Regional Head.

16. The Operational Directorates of Mission-IV in Regions are responsible for:-

- FSP execution through State Units.
- Budget, personnel, physical resource management, local coordination, and execution and reporting.
- Administrative control through the Regional Head.
- Acceptance of all Technical Reports after clearance from Mission Head. Operational Directorate, Mission-III in respective Region shall be responsible for dissemination of data/reports as per policy and mutually agreed procedures.
- Coordination with S&T Support system for services especially Lab. Networking.
- Interaction for all Programme related issues with respective Technical Directorates in Mission-IV HQ.
- All labs related to subjects of Mission-IV [petrology, palaeontology, geochronology etc.] presently attached with Central Headquarters, Kolkata will immediately come under administrative control of Eastern Region, Kolkata and developed into Centre of Excellence. However, existing Group C&D staff will retain their seniority separately till natural attrition. Subsequently the posts will be transferred to the Eastern Region.

17. All Labs presently attached with Coal Wing will merge with Eastern Region. However, existing Gr. C & D staff attached with such Labs will retain seniority till retirement and the post will be subsequently transferred to Eastern Region. Seniority of such staff will be maintained by natural Resource Assessment Division [Energy].

- Landslide Hazard Information management & Engineering Project Evaluation Directorate (LHIM & EPED) at New Delhi will be under technical control of Geotechnical Studies Division, Kolkata.

18. The inventurisation of all assets in the new framework should immediately be taken up by AP & M division who should complete it in three months from the issuance of this order.

Director General
Geological Survey of India