***Only through e-mail***

**Government of India**
**Ministry of Mines**
**National Mineral Exploration Trust**

F. No. 6/2/2015-NMET/ 85 New Delhi, 16th November 2020

**Subject: Circulation of Minutes of 17th Meeting of the Executive Committee of National Mineral Exploration Trust (NMET) held on 05th November, 2020.**

Please find enclosed the minutes of 17th Meeting of Executive Committee of NMET held on 05th November, 2020 for your kind perusal.

Action Taken Report on relevant paras may kindly be forwarded to this office.

16/11/2020

[Amit Saran]
Director & HoD, NMET

**To,**

1. The Secretary, Dept. of Atomic Energy, Anushakti Bhawan, C.S.M. Marg, Mumbai-400001.
2. The Secretary, Ministry of Coal, Shastri Bhawan, New Delhi-110001.
3. The Secretary, Ministry of Petroleum and Natural Gas, Shastri Bhawan, New Delhi-110001.
4. The Joint Secretary and Financial Advisor, Ministry of Mines, Shastri Bhawan, New Delhi-110001.
5. The Director General, Geological Survey of India, 27, J. L. Nehru Road, Kolkata-700016.
6. The Controller General, Indian Bureau of Mines, 2nd Floor, Indira Bhawan, Civil Lines, Nagpur-440001.
7. The Secretary, Department of Mines & Geology, Govt. of Andhra Pradesh, A.P. Secretariat, 2nd Block, Room No.101, Amravati, Vijayawada-522238.
8. The Secretary, Mineral Resources Dept., Govt. of Chhattisgarh, Mantralaya, Mahanadi Bhawan, Naya Raipur, Raipur-492001.
9. The Principal Secretary, Mineral Resources Department, Govt. of Madhya Pradesh, Mantralaya, Vallabh Bhawan, Bhopal-462004.
10. The Secretary, Department of Industries, Mines & Geology, Govt. of Jharkhand, Second Floor, Above SBI Building, Besides MDI Building, Project Building, Dhurva, Ranchi-834004.
11. Dr. N. P. Nathan, Retd. DDG, GSI, 151/2A, Govinda Pillai Colony, Camp Road, Selaiyur (PO), Chennai-600073.
12. Dr. Hari Shankar Pandalai, Professor, Dept. of Earth Science, IIT, Bombay, Powai, Mumbai-400076.

13. Shri P. S. Parihar, Director (Retd.) Atomic Minerals Directorate for Exploration and Research, Department of Atomic Energy, A202, Aashima Mall, Hoshangabad Road, Bhopal-462026.
14. Shri Naresh Nautiyal, Head (Retd.) Business Development & Planning, MECL, 109, KT Nagar, Katol Road, Nagpur-440013.
15. Shri Alok Sharma, Retd. GM & HoD (Exploration), CMPDIL, 402, Lake Garden Apartment, Opposite Gandhi Nagar, Kanke Road, Ranchi-834008.

**Copy to:**

1. The Additional Director General and Chairman, TCC-NMET, Southern Region, GSI Complex, Bandlaguda, Hyderabad-500068.
2. The Director (Technical), Ministry of Mines, Shastri Bhawan, New Delhi-110001.
3. The Chairman-cum-Managing Director, MECL, Dr. Babasaheb Ambedkar Bhawan, Seminary Hills, Nagpur-440006.
4. The Chairman-cum-Managing Director, CMPDIL, Gondwana Place, Kanke Road, Ranchi-834031.
5. The Dy. Director General, RSAS, GSI, Vasudha Bhavan, Kumaraswamy Layout, Bengaluru-560078.
6. The Chairman-cum-Managing Director, KIOCL Ltd, Block-II, Koramangala, Sarjapura Road, Bengaluru, Karnataka-560034.
7. The Chairman-Cum-Managing Director, NMDC Ltd., Khanij Bhavan, Castle Hills, Masab Tank, Hyderabad-500028.
8. The General Manager, Telangana State Mineral Development Corporation Limited, H. No.6-2-915, HMWSSB premises, Rear Block, 3rd Floor, Khairatabad, Hyderabad.
9. The Director, Directorate of Geology & Mining, Indirawati Bhawan, Block-4, First & Second Floor Naya Raipur, Chhattisgarh- 492002.
10. The GM (Exploration), OMECL, Govt. of Odisha. Odisha Mineral Exploration Corporation Ltd. 3rd Floor, Boyan Bhawan, Unit-3, Pandit Jawaharlal Nehru Marg, Bhubaneswar-751001.
11. The Madhya Pradesh State Mining Corporation Ltd., Paryawas Bhawan, Block 'A', IInd floor, Jail Road, Arera Hills, Bhopal, Madhya Pradesh-462011.
12. The Director (Dept. of Mines & Geology), Govt. of Telangana, DRDK Building, Tank Bund Road, Hyderabad-500022.
13. The Chief Executive Officer, Mineral Exploration Research and Innovation Trust (MERIT), Department of Mines & Geology, 6th Floor, B-Wing, Sri Anjaneya Towers, Ibrahimpatnam, District: Krishna-521456.
14. The Principal Secretary, Dept. of Mines & Geology, Govt. of Goa, Secretariat, Porvorim, Goa-403521.
15. The Secretary, Dept. of Industries & Commerce (MSME & Mines), Govt. of Karnataka, Room No.136, 1st floor, Vikas Soudha, Bengaluru-560001.
16. The Addl. Chief Secretary (Industries & Mines), Govt. of Maharashtra, Room No. 114, 1st floor, Industry & Labour Dept., Mantralaya Annexe Building, Mumbai-400032.
17. The Principal Secretary, Dept. of Steel & Mines, Government of Odisha, Odisha Secretariat, Bhubaneswar-751001.
18. The Principal Secretary, Dept. of Mines, Govt. of Rajasthan, Secretariat, Jaipur-302005.
19. The Principal Secretary, Dept. of Industries, Govt. of Tamil Nadu, Secretariat, Chennai-600009.
20. The Principal Secretary (Industries & Mines), Govt. of Telangana, D-Block, Telangana Secretariat, Hyderabad-500022

21. The Director, AMD, Department of Atomic Energy, AMD Complex, Begumpet, Hyderabad-500016.
22. The Director, Department of Mines and Geology, Government of Andhra Pradesh, 5th and 6th Floor, D. No.7-104, B- Block, Anjaneya Tower, Ibrahimpatnam, Vijayawada-521456.
23. The Director, Directorate of Geology & Mining, Govt. of Chhattisgarh, Indravati Bhavan, Block No-4, 2nd Floor, Naya Raipur-492002.
24. The Director of Mines & Geology, Government of Goa, Inst. Menezes Braganza Building, Ground Floor, Panjim, Goa-403001.
25. The Director, Department of Industries, Udyog Bhawan, Bemloe, Shimla-171001.
26. The Director, Department of Geology and Mining, Government of Jammu and Kashmir, J.L. Nehru Udyog Bhawan, 4th Floor, Rail Head Complex, Jammu-80006.
27. The Director (Mines), Directorate of Mines, Government of Jharkhand, Nepal House, Doranda, Ranchi-834001.
28. The Director, Department of Mines & Geology, Government of Karnataka, No.49, Khanij Bhawan, Race Course Road, Bengaluru-560001.
29. The Director, Directorate of Mining & Geology, Government of Kerala, Kesavadasapuram, Pattom Palace, Thiruvananthapuram-695004.
30. The Director, Directorate of Geology & Mining, 29-A, Khanij Bhawan, Arera Hills, Bhopal-462004.
31. The Director, Directorate of Geology and Mining, Government of Maharashtra, Khanij Bhavan, 27, Shivaji Nagar, Cement Road, Nagpur-440010.
32. The Director, Directorate of Mines, Government of Odisha, Bhu-Bigyan Bhavan, Bhubaneswar-751001
33. The Director, Mines and Geology Directorate, Government of Rajasthan, Khanij Bhawan, Shastri Circle, Udaipur-313101.
34. The Commissioner of Geology & Mining, Government of Tamil Nadu, Secretariat, Guindy, Chennai-600032.
35. The Director of Mines and Geology, Government of Telangana, 8th Floor, 'D' Block, B.R.K.R. Bhavan, Tankbund, Hyderabad-500063.
36. The Director, Directorate of Geology & Mining, Government of Uttar Pradesh, 27/8 Raja Ram Mohan Roy Marg, Khanij Bhavan, Lucknow-226001.
37. The Director, Geology and Mining Unit, Govt. of Uttarakhand, 4 Subhash Road, Secretariat, Dehradun-248001.
38. The Director, Directorate of Mines & Minerals, Government of West Bengal, 4, Abanindranath Tagore Sarani, 2nd floor, Kolkata-700016.
39. The Director, Department of Mines, Minerals & Geology, Government of Sikkim, Secretariat Complex, Tashiling, Gangtok-737101.
40. The Director, Directorate of Mineral Resources, Government of Meghalaya, Risa Colony, Shillong-793003.
41. The Director (Geology & Mining), Directorate of Geology, Government of Nagaland, Dimapur-797112.
42. The Managing Director, Odisha Mining Corporation, OMC House, Bhubaneswar-751001.

**Copy for information to:**

1. PS to Hon'ble Minister of Mines, Shastri Bhawan, Dr. Rajendra Prasad Road, New Delhi-110001.
2. Sr. PPS to Secretary/PS to JS (UJ)/PS to JS (SS)/PS to JS&FA, Ministry of Mines, Shastri Bhawan, New Delhi-110001.

**Government of India**
**Ministry of Mines**
**National Mineral Exploration Trust (NMET)**

**Minutes of the 17th meeting of the Executive Committee of National Mineral Exploration Trust (NMET) held on 05th November, 2020.**

The 17th meeting of the Executive Committee of National Mineral Exploration Trust (NMET) was held under the Chairmanship of Shri Anil Kumar Jain, Secretary (Mines) on 05th November, 2020 in Khanij Kaksh, Ministry of Mines, Shastri Bhawan, New Delhi through video conference. The list of participants is given in **Annexure-I**.

Shri Amit Saran, Director and HoD, NMET welcomed all the participants and informed that EC meeting is being conducted through video conference for the first time

Shri Upendra Chandra Joshi, Joint Secretary, Mines and Member Secretary, EC welcomed all the participants and gave on overview about NMET.

**Following are the agenda points discussed and decisions taken.**

**AGENDA 17.1**

**Approval of minutes of 16th meeting of Executive Committee held on 25th February, 2020**

The minutes of 16th EC was circulated on 06th March 2020 to all members of Executive Committee (EC) and no comments have been received till date.

The Secretary, Mineral Resource Department, Government of Chhattisgarh referred to the EC decision on agenda point 16.3 "Limestone and Iron exploration proposals should not be considered for NMET funding and exploration work for limestone and iron should be carried out by GSI". Secretary, Mines & Geology, Government of Jharkhand also requested EC to consider proposals of limestone and iron ore also as these were critical to the mineral sector of the states. He requested EC to revise this decision keeping in view demand of these minerals in the states.

**Decision of EC**

EC decided that exploration of critical and strategic minerals should be encouraged and all NEAs to submit the project proposals for base metals, precious mineral (like Gold, Diamond), critical and strategic minerals for NMET funding. Project proposals in respect of limestone and iron may be taken up after considering the requisite demand and availability in the country.

**AGENDA 17.2**

**Discussion on ATR of the 16th meeting of Executive Committee**

The detailed discussion on Action Taken Report on minutes of the 16th EC meeting was held.

**Decision of EC**

- EC approved the Action Taken Report on minutes of 16th EC meeting.

**AGENDA 17.3**

**Approval of new project proposals recommended by the Technical-cum-Cost Committee (TCC).**

Shri Janardan Prasad, ADG, GSI & Chairman, TCC gave a brief presentation of the project proposals reviewed in 24th TCC meeting held on 07th, 08th, 09th October, 2020 and extended 24th TCC held on 16th October, 2020 through video conferencing. TCC reviewed 16 new project proposals and recommended a total of 10 new project proposals for approval by EC. The details of the projects are:

| S. No. | Project/Block Name | Commodity | Stage | Duration (Months) | Approved Cost (₹ Cr. including GST) |
|---|---|---|---|---|---|
| **Implementing Agency: MECL** | | | | | |
| 1 | Reconnaissance survey (G4) for graphite and manganese ore in Rengali Graphite block. (including expired lease hold area of M/s. B. K. Agarwal and M/s T. Pradhan) (9.41 sq.km area) District- Balangir, Odisha. | Graphite & Manganese | G4 | 12 | **4.11** |
| 2 | Reconnaissance Survey (G4) for Manganese in Antapali Block, District- Balangir, Odisha. | Manganese | G4 | 12 | **1.56** |
| 3 | Reconnaissance Survey (G4) for Manganese in Kumiapali Block, District- Bolangir, Odisha. | Manganese | G4 | 12 | **2.38** |
| 4 | General Exploration (G2) in Naila Ki Dhani Copper Block, Eastern Khetri Copper Belt, District- Jhunjhunu, Rajasthan. | Copper | G2 | 16 | **8.08** |
| 5 | General Exploration (G2) for copper mineralisation in Tonda block, Eastern Khetri Copper Belt, District- Jhunjhunu, Rajasthan. | Copper | G2 | 14 | **6.50** |
| 6 | Reconnaissance Survey (G4) for Copper in Namapur Block of 115 sq.km area, District- Rajanna Sircilla (Erstwhile Karimnagar), Telangana. | Copper | G4 | 12 | **0.55** |
| 7 | Preliminary Exploration (G3) for potash in Bharusari sub basin, North Western part of Rajasthan, district- Hanumangarh, Rajasthan. | Potash | G3 | 18 | **17.54** |
| | | | | **Sub-Total** | **40.72** |
| **Implementing Agency: CMPDI** | | | | | |
| 8 | Detailed exploration for coal (G1) through outsourcing in Tendumuri | Coal | G1 | 36 | **41.29** |

| | | | | | |
|---|---|---|---|---|---|
| | block, Mand Raigarh Coalfield, District- Raigarh, Chhattisgarh. | | | | |
| **9** | Detailed exploration for coal (G1) through outsourcing in Ramnagar block, Mand Raigarh Coalfield, District- Raigarh, Chhattisgarh. | Coal | G1 | 36 | **29.48** |
| **10** | Detailed Exploration (G1) for lignite through outsourcing in RS Mangalam Block-B (Ramnad Lignite Field), District- Ramanathapuram, Tamil Nadu. | Lignite | G1 | 48 | **57.63** |
| | | | | **Sub-Total** | **128.40** |
| | | | | **Total** | **169.12** |

During discussion, Dr. N. P. Nathan, Expert Member, EC suggested for modifications in para 24.1.7 (ii) & 24.1.8 (ii) of the minutes of 24th TCC meeting regarding borehole planning pertaining to General Exploration (G2) in Naila Ki Dhani Copper Block, Eastern Khetri Copper Belt, District- Jhunjhunu, Rajasthan and General Exploration (G2) for copper mineralisation in Tonda block, Eastern Khetri Copper Belt, District- Jhunjhunu, Rajasthan respectively.

On the suggestion of Shri P. S. Parihar, Expert Member, EC regarding standard format for report submission, it was informed that in order to maintain uniformity, General Guidelines for execution of mineral exploration projects funded by NMET with the inputs as per the Mineral (Evidence of Mineral Content) Rules, 2015 and format for submission of Geological Report of the project was approved by 8th EC meeting held on 12.06.2018 and circulated to all NEA's.

**Decision of EC**

- EC accepted the modifications suggested by the Expert Member and directed to revise the minutes of 24th TCC meeting accordingly.
- EC accorded approval of the projects from Sl. No. 1 to 7 with an estimated cost of **₹40.72 Cr.**
- EC decided that the new project proposals in respect of coal and lignite will not be considered for NMET funding as huge reserves of this type of coal and lignite are already available in the country. It was further decided that the new project proposals for coal may be considered only if it is of coking coal or non-coking coal of grade 1 to 10. In view of this, EC did not approve the project proposals at Sl. No. 8, 9 & 10 of above table.
- Sanction Order in respect of projects at Sl. No. 1 to 7 will be issued after receipt of year wise phasing of milestone and corresponding cost from NEA's.
- The payment will be released as per availability of annual budget of NMET in Detailed Demand for Grant of Ministry of Mines.
- Further, New project proposal may incorporate details on area (sq km) for exploration and the scale of work, say 1:2,000 or 1:5,000 to understand the quantum of work involved in project put up to EC for approval. The likely speculative/hypothetical resource envisaged for the area during the proposal stage may also be indicated as a

part of the new proposal to help during monitoring.

**(Action: NMET/TCC/NEA's)**

**AGENDA 17.4**

**Approval of reconstitution of Technical-cum-Cost Committee (TCC) and replacement of one of the TCC member (Finance) due to superannuation.**

EC was infromed that Technical Committee (TC) of National Mineral Exploration Trust (NMET) was constituted vide OM No. 40/3/2016/M.I dated 3rd March, 2016 and modified subsequently as decided in the 4th meeting of Executive Committee (EC), NMET for technical evaluation of the exploration project proposals submitted to NMET.

As per the decision of 5th EC meeting, the scope of work of TC was expanded to include scrutiny and finalization of cost estimates of project proposals. The Technical Committee (TC) was renamed as Technical-cum-Cost Committee (TCC). TCC was reconstituted vide OM No. 6/4/2015-NMET/2019 dated 9th January, 2019.

Subsequent upon superannuation of Shri D. Mohan Raj, ADG & NMH-II, GSI and Chairman, TCC and transfer of Shri Manoj Kumar, Director & Member Secretary, TCC has been reconstituted with the following composition (OM No. 6/4/2015-NMET/43 dated 2nd September 2020)

| S. No. | Name & Designation | Status |
|---|---|---|
| 1 | Shri Janardan Prasad, Addl. Director General & National Mission Head-II, GSI, Nagpur | Chairman |
| 2 | Shri Ranjan Kumar Sinha, Controller General (Retd.), Indian Bureau of Mines | Member |
| 3 | Dr. Manoranjan Mohanty, Dy. Director General (Retd.), Geological Survey of India | Member |
| 4 | Shri P. Tarafdar, Dy. Director General (Retd.), Geological Survey of India | Member |
| 5 | Shri J. V. Ramarao, Dy. Director General (Geophysics) (Retd.), Geological Survey of India | Member |
| 6 | Dr. Anjani Kumar, Dy. General Manager (Exploration) & HoD-Planning (Retd.), Mineral Exploration Corporation Limited | Member |
| 7 | Shri Naeem Ahmad, General Manager-Exploration (Retd.), CMPDI Ltd. | Member |
| 8 | Director, NMET, Ministry of Mines | Member |
| 9 | Shri Vinay Pal, Assistant Cost Accounts Officer, Geological Survey of India, DGCO, New Delhi | Member |
| 10 | Shri P. K. Maharana, AGM (Finance), NALCO, Bhubaneswar | Member |
| 11 | Shri H. K. Verma, DGM (Finance), Hindustan Copper Ltd., Kolkata | Member |
| 12 | Dr. L. P. Singh, Director (G), Geological Survey of India, DGCO, New Delhi | Member Secretary |

Further, HCL proposed to nominate Shri Ravi Kumar Gupta DGM (Finance) Corporate Office, HCL, Kolkata as a TCC member in place of Shri H. K. Verma who superannuated on 31st October 2020.

**Decision of EC**

- EC approved the reconstitution of TCC and also approved the nomination of Shri Ravi Kumar Gupta, DGM (Finance) in place of Shri H. K. Verma.
- On requset of the Director, Atomic Minerals Directorate (AMD), Hyderabad, EC decided that one representative of Atomic Minerals Directorate for Exploration and Research (AMD), Department of Atomic Energy may be considered for inclusion in TCC and nomination may be obtained from AMD.

**(Action: NMET/AMD, Hyderabad)**

**AGENDA 17.5**

**Time overrun in the ongoing projects executed by Exploration Agencies through NMET funding.**

EC was informed that in 24$^{th}$ TCC meeting, Notified Exploration Agencies (NEA's) have requested for time over run for the ongoing projects as work could not be carried out since implementation of lockdown in March, 2020 due to COVID19.

In view of prevailing pandemic situation, the TCC in its 24$^{th}$ meeting has recommended for time overrun of 6 months for all the ongoing projects and recommended for approval by EC **(Annexure-II).**

This is in line with OM issued by Procurement Policy Division, Department of Expenditure, Ministry of Finance in respect of Force Majeure Clause (FMC) wherein time extension is extended for a period not less than three months and not more than six months without imposition of any cost or penalty on the contractor / concessionaire.

**Decision of EC**

- EC discussed the matter and approved the time overrun for projects **(Annexure-II)** without cost overrun.

**(Action: NMET)**

**AGENDA 17.6**

**Inclusion of additional commodity in Table-2 (Lithium) as strategic mineral in approved Schedule of Charges (SoC) of NMET.**

EC was informed that in 16$^{th}$ EC meeting held on 25$^{th}$ Febuary 2020 approved the Schedule of Charges (SoC) of NMET. The SoC was implemented w.e.f. 01.04.2020 and circulated to all NEAs and other stake holders.

The Government has identified twelve (12) minerals as strategic minerals that are either not available in the country or not available in desired quantity. These include minerals like Tin (Sn), Cobalt (Co), Lithium (Li), Germanium (Ge), Gallium (Ga), Indium (In), Beryllium (Be), Niobium (Nb), Tantalum (Ta), Tungsten (W), Bismuth (Bi), Selenium (Se).

Out of these, lithium is not included in the existing list of strategic minerals (Table-2 of SoC) eligible for Exploration Incentive (EI) of 10% if any G4 stage mineral exploration project is upgraded from G4 to G3 stage. Hence it is proposed to include Lithium in the existing list of

strategic minerals (Table-2 of SoC as annexure-III).

**Decision of EC**

- EC approved to include Lithium in the list of strategic minerals in Table-2 of SoC of NMET. **(Annexure-III).**

**(Action: NMET)**

**AGENDA 17.7**

**Fresh Nomination of External Peer Reviewers for scrutiny of Geological Reports submitted by Notified Exploration Agencies (NEA's).**

EC was informed that in 3rd EC meeting held on 25th October 2016 empanelled nine (9) experts for external peer review of the geological reports submitted by exploration agencies. EC also decided to expand the peer reviewers in due course. An amount of Rs. 10,000 per report is paid as honorarium to peer reviewer for peer review of final reports of mineral exploration generated under NMET as decided by the EC.

TCC in it's 24th meeting has recommended for a fresh nomination of experts for the scrutiny of Geological Reports submitted by NEAs.

In this regard, it is proposed to call applications from eligible candidates for selection of Peer Reviewers for peer review of final reports of mineral exploration generated under NMET. NMET Secretariat will formulate terms and conditions and Member Secretary, EC & Joint Secretary, Ministry of Mines may be authorised to finalise the selection criteria and process for selection of Peer Reviewers. The applications will be evaluated by TCC and the recommendation of TCC will be put up to EC for approval in subsequent meeting.

**Decision of EC**

- EC suggested that guidelines and terms & conditions for selection of Peer Reviewers may be prepared in consultation with Expert members of EC and submitted for approval in next meeting.

**(Action: NMET)**

**AGENDA 17.8**

**Approval for engaging the services of young professionals in NMET Secretariat.**

EC was informed that the work of NMET is increasing progressively. Currently very limited numbers of geoscientists are posted in NMET. There is also a need to streamline the day to day functioning of NMET. It is felt essential to engage the services of two Young Professionals with Finance/management background to assist in carrying out the work of NMET Secretariat smoothly.

In view of above, it is proposed to engage the services of maximum of two Young Professionals in NMET Secretariat for a period of two years. The monthly (fixed) remuneration will be ₹75,000 per month per person as adopted in case of young professionals hired by Ministry of Mines. The actual number of professional to be engaged will be as per the requirement.

**Decision of EC**

- EC approved the proposal to engage the services of maximum of two Young Professionals in NMET Secretariat for a period of two years. The proposal may be processed with financial concurrence as per standard procedure.

**(Action: NMET)**

**AGENDA 17.9**

**Funding mechanism for the projects which having work components for which there is no Schedule of Charges (SoC) or requiring SFC/EFC appraisal.**

EC was informed that in 16th EC meeting held on 25th February 2020, while deliberating agenda regarding funding mechanism for the projects, which having work components for which there is no Schedule of Charges (SoC) and require SFC/EFC/PIB clearance as per DFPR, gave the following decision:

"For NGDR and Heliborne Survey, GSI should take approval from Standing Finance Committee (SFC) and Ministry of Mines for project execution under NMET fund. After completion of tendering process and other statuary clearances, the project proposal will be put up in TCC for recommendation for approval by EC."

In this regard this is to submit that Standing Finance Committee (SFC) consists of Secretary, Joint Secretary & Financial Advisor and Joint Secretary of the concerned Ministry for appraisal of project proposals for approval of concerned Minister-in-charge of the Ministry. The Executive Committee (EC) of NMET also consists of Secretary as Chairperson, JS&FA and JS as ex-officio member apart from other members.

It is, therefore, proposed that NEA's may submit their project proposals to TCC along with estimated cost of the project. TCC may carry out technical and cost valuation of the project and recommend the same for approval. In case SFC/EFC appraisal is warranted, same should be processed by GSI after recommendation of the project by TCC, as per laid down procedure. After completion of statuary clearances, the project proposal will be put up in EC for approval.

Thus, all the project proposals essentially need to be evaluated by TCC, based on estimated cost, and SFC/EFC appraisal obtained in case warranted, before sanction by NMET.

**Decision of EC**

- EC reviewed the decision made in 16th EC meeting and decided that NEA's may submit their project proposals to TCC along with estimated cost of the project. NEA's may device the procedure for determining cost estimates following the standard guidelines/practices in this regard.
- TCC may carry out technical and cost evaluation of the project and recommend the same for approval.
- In case SFC/EFC appraisal is warranted, same should be processed by NEA's after recommendation of the project by TCC, as per laid down procedure. After completion of statuary clearances, the project proposal will be put up in EC for approval.

**(Action: NMET/TCC)**

Meeting ended with vote of thanks by Shri Amit Saran, Director & HoD NMET.

**Annexure-I**

**List of Participants in 17th EC Meeting held on 5th November, 2020 at Khanij Kaksh, Ministry of Mines, New Delhi**

| Sl. No. | Name & Designation | Organization/ email | Remarks |
|---|---|---|---|
| 1 | Shri Anil Kumar Jain, Secretary | Ministry of Mines<br>secy_mines@nic.in | In chair |
| 2 | Shri Upendra C. Joshi,<br>Joint Secretary, Ministry of Mines | Ministry of Mines<br>ucjoshi.88@gov.in | Member Secretary, *Ex officio* |
| 3 | Shri Satendra Singh,<br>Joint Secretary (Mines) & CG, IBM | Indian Bureau of Mines<br>jse-mines@nic.in | Member, *Ex officio* |
| 4 | Smt. Yatinder Prasad, JS & FA | Ministry of Mines,<br>prasady@nic.in | Member, *Ex officio* |
| 5 | Dr. Ranjit Rath, Director General | Geological Survey of India<br>dg.gsi@gov.in | Member, *Ex officio* |
| 6 | Dr. D. K. Sinha, Director (AMD) | AMD, Dept. of Atomic Energy,<br>director.amd@gov.in | Member, *Ex officio* |
| 7 | Shri Anabalgan P., Secretary | Mineral Resource Department,<br>Govt. of Chhattisgarh,<br>secy-mrd.cg@gov.in | Member, *Ex officio* |
| 8 | Shri K. Srinivasan, Secretary | Mines & Geology Department,<br>Govt. of Jharkhand,<br>sec_mines_jhr@yahoo.co.in | Member, *Ex officio* |
| 9 | Shri Kailash Dongre, Joint Director | Mineral Resource Department,<br>Govt. of Chhattisgarh, | State Representative |
| 10 | Shri V. Koteshwar Raju,<br>Joint Director, | Department of Mines and Geology<br>Govt. of Andhra Pradesh,<br>directormines@yahoo.co.in | State Representative |
| 11 | Shri V. Ravichand, Deputy Director | MERIT, Govt. of Andhra Pradesh,<br>directormines@yahoo.co.in | State Representative |
| 12 | Dr. N. P. Nathan, DDG (Retd.), GSI | Exploration Expert,<br>npnathan55@yahoo.co.in | Nominated Member |
| 13 | Dr. Hari Shankar Pandalai,<br>Professor, IIT Mumbai | Exploration Expert,<br>hspandalai9@gmail.com | Nominated Member |
| 14 | Shri P. S. Parihar, Director (Retd.),<br>AMD | Exploration Expert,<br>pariharps1954@gmail.com | Nominated Member |
| 15 | Shri Naresh Nautiyal, Head (BD&P)<br>(Retd.), MECL | Exploration Expert,<br>nautiyal.naresh5@gmail.com | Nominated Member |
| 16 | Shri Alok Sharma, GM & HoD<br>(Exploration) (Retd), CMPDIL | Exploration Expert,<br>aloksharma360@gmail.com | Nominated Member |
| 17 | Shri Janardan Prasad,<br>ADG & Chairman, TCC | Geological Survey of India<br>janardan.prasad@gsi.gov.in | Invitee |
| 18 | Shri Amit Saran, Director | Ministry of Mines<br>amit.saran@nic.in | HoD, NMET |
| 19 | Shri Pradeep Singh, Director | Ministry of Mines<br>dirtech.mom@nic.in | Invitee |
| 20 | Dr. L. P. Singh,<br>Director & Member Secretary, TCC | Geological Survey of India<br>nmet-tcc@gov.in | Invitee |

**Annexure-II**

**The details of the projects approved for time overrun in the ongoing projects executed by Exploration Agencies through NMET funding.**

| S. No. | Block/Project | Implementing Agency | Actual Schedule date of completion | Revised/ approved Scheduled Timeline | Required timeline extension (months/upto) |
|---|---|---|---|---|---|
| **(a) List of the mineral exploration projects for extension of timeline** | | | | | |
| 1 | Reconnaissance Survey for limestone in Sangmania Block, district- Stana, Madhya Pradesh. (G4) | **MPSMCL** | 26/11/2020<br>14 Months | -- | 26/05/2021<br>(6 month) |
| 2 | Jeteya Block, Buruborta and Dumurjowa, District- West Singbhum, Jharkhand. (G4) | **TSMDC** | 19/10/2018<br>6 Months | 31/10/2019<br>Extended in 14th EC meeting. | 31/03/2020 |
| 3 | Gupteswar Block, District- Koraput, Odisha. (G4) | **TSMDC** | 19/10/2018<br>6 Months | 31/10/2019<br>Extended in 14th EC meeting. | 31/03/2020 |
| 4 | General Exploration for manganese ore in Pimperkunta block, Bheempur mandal, District- Adilabad, Telangana. (G2) | **TSMDC** | 27/03/2021<br>12 Months | -- | 27/09/2021<br>(6 months) |
| 5 | Reconnaissance Survey for prospect evaluation of the sporadic occurrences of Molybdenite, South of Karimnagar (56 N/4), District- Siddipet and Karimnagar, Telangana. (G4) | **TSMDC** | 27/03/2021<br>12 Months | -- | 27/09/2021<br>(6 months) |
| 6 | Matmari Block for Gold, District- Raichur, Karnataka. (G4) | **NMDC** | 06/10/2017<br>12 Months | 30/04/2020<br>Extended in 14th EC meeting. | 31/08/2020 |
| 7 | Nandgaon-Goa-Mahewa Block for Gold and basemetal, District- Chhatarpur, Madhya Pradesh. (G4) | **NMDC** | 06/10/2017<br>12 Months | 30th June 2020<br>Extended in 16th EC meeting. | 31/08/2020 |
| 8 | Bukkapatna Block for Gold, District- Tumkur, Karnataka. (G4) | **NMDC** | 06/10/2017<br>12 Months | 31/10/2019<br>Extended in 15th EC meeting. | 31/10/2020 |
| 9 | Dumarguda Bauxite Block, District- Surguja, Chhattisgarh. (G3) | **DGM Chhattisgarh** | 20/04/2019<br>10 Months | 30/09/2019<br>Extended in 14th EC meeting. | 30/11/2020 |
| 10 | Murtadand Bauxite Block, District- Surguja, Chhattisgarh. (G3) | **DGM Chhattisgarh** | 20/02/2019<br>8 Months | -- | 31/08/2021 |
| 11 | Dandkesra Bauxite North Area, Mainpat, District- Surguja, Chhattisgarh. (G3) | **DGM Chhattisgarh** | 20/02/2019<br>8 Months | 31/07/2019<br>Extended in 14th EC meeting. | 30/11/2020 |

| | | | | | |
|---|---|---|---|---|---|
| **12** | Parpatia Bauxite Area, Mainpat, District- Surguja, Chhattisgarh. (G3) | **DGM Chhattisgarh** | 20/04/2019 10 Months | 30/09/2019 Extended in 14th EC meeting. | 30/11/2020 |
| **13** | Khamardih-Gatadih Limestone Area, District- Raigarh, Chhattisgarh. (G3) | **DGM Chhattisgarh** | 20/12/2018 6 Months | 30/09/2019 Extended in 14th EC meeting. | 30/11/2020 |
| **14** | Khairha Limestone Area, District-Raigarh, Chhattisgarh. (G3) | **DGM Chhattisgarh** | 20/12/2018 6 Months | -- | 30/11/2020 |
| **15** | Chendradadar Bauxite Block, District-Kabirdham, Chhattisgarh. (G3) | **DGM Chhattisgarh** | 11/02/2020 12 Months | -- | 28/02/2021 |
| **16** | Lurena Bauxite Block, District-Surguja, Chhattisgarh. (G3) | **DGM Chhattisgarh** | 11/02/2020 12 Months | -- | 31/03/2021 |
| **17** | Gopaltola (Salhewara) Iron Block, District- Rajnandgaon, Chhattisgarh. (G4) | **DGM Chhattisgarh** | 11/02/2020 12 Months | -- | 31/03/2021 |
| **18** | Lakhasar Potash Block, District-Bikaner, Rajasthan. (G3) | **MECL** | 25/05/2019 16 Months | 24/03/2020 Extended in 12th EC meeting | 24/06/2020 (3 months) |
| **19** | Tamiya Manganese Block, District-Balangir, Odisha. (G4) | **MECL** | 15/09/2019 13 Months | 31/03/2020 Extended in 15th EC meeting | 30/06/2020 (3 months) |
| **20** | Veeranam Lignite Block-1, District-Cuddalore, Tamil Nadu. (G1) | **MECL** | 21/02/2020 36 Months | 31/03/2020 Extended in 15th EC meeting | 30/06/2020 (3 months) |
| **21** | Rengali Manganese Block, District-Balangir, Odisha. (G4) | **MECL** | 15/10/2019 14 Months | 31/03/2020 Extended in 15th EC meeting | 31/08/2020 (5 months) |
| **22** | Rengali Manganese Block, District-Balangir, Odisha. (G2) | **MECL** | 15/11/2019 15 Months | 30/04/2020 Extended in 16th EC meeting | 30/06/2020 (2 months) |
| **23** | Malangtoli Iorn Sub-H Block, District-Sundargarh, Odisha. (G3) | **MECL** | 20/06/2019 12 Months | 30/05/2020 Extended in 16th EC meeting | 28/02/2021 |
| **24** | Veeranam Lignite Block-2, District-Cuddalore, Tamil Nadu. (G1) | **MECL** | 21/02/2020 36 Months | 31/07/2020 Extended in 15th EC meeting | 31/12/2020 (5 months) |
| **25** | Babja Manganese Block, District-Balangir, Odisha. (G2) | **MECL** | 30/08/2019 10 Months | 31/07/2020 Extended in 16th EC meeting | 30/11/2020 (4 months) |
| **26** | Baseline Environmental Studies for Manganese Blocks, District- Balangir, | **MECL** | 29/08/2020 11 Months | -- | 29/11/2020 (3 months) |

| | | | | | |
|---|---|---|---|---|---|
| | Odisha. | | | | |
| **27** | Unjini Limestone Block, District-Ariyalur, Tamil Nadu. (G2) | **MECL** | 25/09/2020<br>8 Months | -- | 25/01/2021<br>(4 months) |
| **28** | Biarpalli Manganese Block, District-Balangir, Odisha. (G2) | **MECL** | 30/12/2019<br>14 Months | 30/09/2020<br>Extended in 16th EC meeting | 30/12/2020<br>(3 months) |
| **29** | Deravad-Area Copper Block, District-Udaipur, Rajasthan. (G4) | **MECL** | 04/06/2021<br>9 Months | -- | 04/12/2021<br>(6 months) |
| **30** | Babja Manganese Block, District-Balangir, Odisha. (G4) | **MECL** | 30/10/2019<br>12 Months | 30/10/2020<br>Extended in 16th EC meeting | No time extension required. |
| **31** | Biarpalli Manganese Block, District-Balangir, Odisha. (G4) | **MECL** | 30/10/2019<br>12 Months | 30/10/2020<br>Extended in 16th EC meeting | 28/02/2021<br>(4 months) |
| **32** | Anadawadi Limestone Block, District-Ariyalur, Tamil Nadu. (G2) | **MECL** | 25/11/2020<br>10 Months | -- | 25/02/2021<br>(3 months) |
| **33** | Sendurkhar Bauxite Block, District-Kabirdham, Chhattisgarh. (G3) | **MECL** | 29/06/2020<br>9 Months | -- | 28/02/2021<br>(3 months) |
| **34** | Alathiyur Limestone Block, District-Ariyalur, Tamil Nadu. (G2) | **MECL** | 24/11/2020<br>11 Months | -- | 25/03/2021<br>(3 months) |
| **35** | Adanakurichi Limestone Block, District- Ariyalur, Tamil Nadu.(G2) | **MECL** | 27/11/2020<br>11 Months | -- | 25/03/2021<br>(3 months) |
| **36** | Recherla Coal Block, Godavari Valley Coal Field, West Godavari, Andhra Pradesh. (G3) | **MECL** | 02/04/2019<br>24 Months | 31/12/2020<br>Extended in 12th EC meeting | 31/03/2021<br>(3 months) |
| **37** | Dunguripalli Manganese Block, District- Balangir, Odisha. (G3) | **MECL** | 29/07/2020<br>10 Months | 31/01/2021<br>Extended in 16th EC meeting | 31/03/2021<br>(2 months) |
| **38** | Silpunji Iron & Manganese Ore Block, District- West Singhbhum, Jharkhand. (G3) | **MECL** | 18/05/2020<br>8 Months | -- | 20/05/2021<br>Forest clearance obtained on 19th September 2020 |
| **39** | BRH Iron Ore Mines, NEB Range M/s RMMPL, ML No. 2010, District-Ballary, Karnataka. (G2) | **MECL** | 09/09/2021<br>13 Months | -- | Subject to submission of forest clearance certification |
| **40** | Khandadhar Iron Ore Block, District-Sundargarh, Odisha<br>(50.91 sq km) (G4) | **OMECL** | 30/08/2019<br>10 Months | -- | Subject to submission of forest clearance certification |
| **41** | Khandadhar Iron Ore Sub-Block-C, District- Sundargarh, Odisha | **OMECL** | 30/08/2019<br>10 Months | -- | Subject to submission of |

| | | | | | |
|---|---|---|---|---|---|
| | (2.93 sq km) (G2) | | | | forest clearance certification |
| **42** | Keluamali bauxite block, District-Kalahandi, Odisha (G3) | **OMECL** | 11/04/2020 14 Months | -- | Subject to submission of forest clearance certification |
| **43** | Majhingamali bauxite block, Districts-Rayagada& Kalahandi, Odisha (G3) | **OMECL** | 11/02/2020 12 Months | -- | Subject to submission of forest clearance certification |
| **44** | Tarhapani (West) bauxite block, District- Koraput, Odisha (G3) | **OMECL** | 11/02/2020 12 Months | -- | Subject to submission of forest clearance certification |
| **45** | Nunapaimali bauxite block, District-Rayagada, Odisha (G3) | **OMECL** | 11/02/2020 12 Months | -- | Subject to submission of forest clearance certification |
| **46** | Karnapodikonda bauxite block, District- Koraput, Odisha (G3) | **OMECL** | 11/12/2019 10 Months | -- | Subject to submission of forest clearance certification |
| **47** | Khandadhar Iron Ore Sub-Block-A, District- Sundargarh, Odisha (4.03 sq km) (G2) | **OMECL** | 11/04/2020 14 Months | -- | Subject to submission of forest clearance certification |
| **48** | Udbur Gold & Nickel Block, District-Mysore, Karnataka. (G4) | **KIOCL** | 03/04/2017 | 30/06/2020 24 Months 14th EC meeting | 31/12/2020 |
| **49** | Neerbudhihal Block-East Limestone (KAR_NLDB_3363_E), District-Bagalkote, Karnataka. (G4) | **KIOCL** | 29/11/2020 14 Months | -- | 28/02/2021 |
| **50** | Neerbudhihal Block-West Limestone (KAR_NLDB_3363_W), District-Bagalkote, Karnataka. (G4) | **KIOCL** | 29/11/2020 14 Months | -- | 28/02/2021 |
| **51** | Reddipalaiyam Amalgamated Block, District- Ariyalur, Tamil Nadu. (G2) | **KIOCL** | 26/11/2020 14 Months | -- | 31/03/2021 |
| **(b) List of the projects for extension of timeline regarding the Multi Sensor Aero-geophysical Survey executed by GSI** | | | | | |
| **52** | **Block-9 (**M/s McPhar International Pvt. Ltd) | **GSI** | 30/09/2020 | -- | 31/03/2021 |
| **53** | **Block-10 (**M/s Alphageo India Limited) | **GSI** | 30/09/2020 | -- | 31/03/2021 |
| **54** | **Block-11 (**M/s McPhar International Pvt. Ltd) | **GSI** | 30/09/2020 | -- | 31/12/2020 |
| **55** | **Block-12 (**M/s Alphageo India Limited) | **GSI** | 30/09/2020 | -- | 31/03/2021 |

**Annexure-III**

| Table: 2: List of Basemetals, Strategic Minerals, Precious Metals & Stones and Fertilizer Minerals* | |
|---|---|
| **S. No.** | **Commodity** |
| **Basemetals** | |
| 1 | Copper |
| 2 | Lead |
| 3 | Zinc |
| **Strategic Minerals** | |
| 4 | Antimony |
| 5 | Beryllium |
| 6 | Bismuth |
| 7 | Chromium |
| 8 | Cobalt |
| 9 | Gallium |
| 10 | Germanium |
| 11 | Indium |
| 12 | Lithium# |
| 13 | Molybdenum |
| 14 | Nickel |
| 15 | Niobium |
| 16 | Rare Earths |
| 17 | Selenium |
| 18 | Tin |
| 19 | Tungsten |
| 20 | Tantalum |
| 21 | Vanadium |
| **Precious Metals & Stones** | |
| 22 | Gold |
| 23 | PGE |
| 24 | Silver |
| 25 | Diamond |
| **Fertilizer Minerals** | |
| 26 | Phosphate (Apatite) |
| 27 | Phosphate (Phosphorite) |
| 28 | Potash |

***Ref: (i) National Mineral Inventory-2015, IBM**

**(ii) Report of Working Group on Mineral Exploration and Development (Other than Coal & Lignite) for the XII Five Year Plan (2012-17)**

**(iii) Strategic Materials: A Resource Challenge for India by Ajay Lele & Parveen Bhardwaj, Institute for Defense Studies and Analyses, Pentagon Press, New Delhi, 2014**

# Insertion of Lithium in the list of strategic minerals.