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Government of India
Ministry of Mines
National Mineral Exploration Trust

F. No. 6/2/2015-NMET New Delhi, 31st October, 2018

Subject: Circulation of Minutes of 10th Meeting of the Executive Committee of National Mineral Exploration Trust (NMET) held on 30th October, 2018.

Please find enclosed the minutes of 10th Meeting of Executive Committee of NMET held on 30th October, 2018 under the Chairmanship of Secretary, Ministry of Mines at Shastri Bhawan, New Delhi, for your kind perusal.

Action taken report on relevant paras may kindly be forwarded to this office.

31/10/2018

[Pradeep Singh]
Director, 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 Joint Secretary & Controller General (I/C), Indian Bureau of Mines, 2nd Floor, Indira Bhawan, Civil Lines, Nagpur-440 001.
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-462 004.
10. The Secretary, Department of Industries, Mines & Geology, Govt. of Jharkhand, Second Floor, Above SBI Building, Besides MDI Building, Project Building, Dhurva, Ranchi-834 004.
11. The Chairman-cum-Managing Director, MECL, Dr. Babasaheb Ambedkar Bhawan, Seminary Hills, Nagpur- 440006.
12. Dr. N. P. Nathan, Retd. DDG, GSI, 151/2A, Govinda Pillai Colony, Camp Road, Selaiyur (PO), Chennai-600073 Tamil Nadu.
13. Dr. Hari Shankar Pandalai, Professor, Dept. of Earth Science, IIT, Bombay, Powai, Mumbai-400076.
14. Shri P. S. Parihar, Director (Retd.) Atomic Minerals Directorate for Exploration and Research, Department of Atomic Energy, A202, Aashima Mall, Hoshangabad Road, Bhopal-462026.

15. Shri Naresh Nautiyal, Head (Retd.) Business Development & Planning, MECL, 109, KT Nagar, Katol Road, Nagpur – 440013, Maharashtra.
16. Shri Alok Sharma, Retd. GM & HoD (Exploration), CMPDIL, 402, Lake Garden Apartment, Opposite Gandhi Nagar, Kanke Road, Ranchi- 834 008.

Copy to:

1. The Chief Controller of Accounts, Ministry of Mines, Room No. 299 C, Udyog Bhawan, New Delhi- 110 001.
2. The Additional Director General & Chairman NMET TCC, Mission-II, Central Region, GSI Complex, Seminary Hills, Nagpur-440 006.
3. The Chairman-cum-Managing Director, CMPDIL, Gondwana Place, Kanke Road, Ranchi-834 031, Jharkhand.
4. The Chairman-cum-Managing Director, Hindustan Copper Limited, Ashutosh Chowdhury Avenue, Kolkata- 700 019.
5. The Chairman-cum-Managing Director (I/C), MECL, Dr. Babasaheb Ambedkar Bhawan, Seminary Hills, Nagpur- 440 006.
6. The Chairman-cum-Managing Director, KIOCL Ltd, Block-II, Koramangala, Sarjapura Road, Bengaluru, Karnataka -560 034.
7. The Chairman-Cum-Managing Director, NMDC Ltd., Khanij Bhavan, Castle Hills, Masab Tank, Hyderabad - 500 028.
8. The Principal Secretary, Dept. of Mines & Geology, Govt. of Goa, Secretariat, Porvorim, Goa – 403 521.
9. The Secretary, Dept. of Industries & Commerce (MSME & Mines), Govt. of Karnataka, Room No.136, 1st floor, Vikas Soudha, Bengaluru-560 001.
10. The Addl. Chief Secretary (Industries & Mines), Govt. of Maharashtra, Room No. 114, 1st floor, Industry & Labour Dept., Mantralaya Annexe Building, Mumbai-400 032.
11. The Principal Secretary, Dept. of Steel & Mines, Government of Odisha, Odisha Secretariat, Bhubaneswar-751 001.
12. The Principal Secretary, Dept. of Mines, Govt. of Rajasthan, Secretariat, Jaipur-302 005.
13. The Principal Secretary, Dept. of Industries, Govt. of Tamil Nadu, Secretariat, Chennai-600 009.
14. The Principal Secretary (Industries & Mines), Govt. of Telangana, D-Block, Telangana Secretariat, Hyderabad – 500 022
15. The Director, AMD, Department of Atomic Energy, AMD Complex, Begumpet, Hyderabad – 500 016.
16. 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.
17. The Director, Directorate of Geology & Mining, Govt. of Chhattisgarh, Indravati Bhavan, Block No-4, 2nd Floor, Naya Raipur-492 002.
18. The Director of Mines & Geology, Government of Goa, Inst. Menezes Braganza Building, Ground Floor, Panjim, Goa – 403 001.
19. The Director of Industries, Department of Industries, Udyog Bhawan, Bemloe, Shimla - 171001, Himachal Pradesh.
20. The Director, Geology and Mining Department, Government of Jammu and Kashmir, J.I.. Nehru Udyog Bhawan, 4th Floor, Rail Head Complex, Jammu-180006
21. The Director (Mines), Directorate of Mines, Government of Jharkhand, Nepal House, Doranda, Ranchi-834 001.

22. The Director, Department of Mines & Geology, Government of Karnataka, No.49, Khanij Bhawan, Race Course Road, Bengaluru – 560 001.
23. The Director, Directorate of Mining & Geology, Government of Kerala, Kesavadasapuram, Pattom Palace, Thiruvananthapuram-695 004.
24. The Director, Directorate of Geology & Mining, 29-A, Khanij Bhawan, Arera Hills, Bhopal-462 004.
25. The Director, Directorate of Geology and Mining, Government of Maharashtra, Khanij Bhavan, 27, Shivaji Nagar, Cement Road, Nagpur – 440010.
26. The Director, Directorate of Mines, Government of Odisha, Bhu-Bigyan Bhavan, Bhubaneswar–751001 Odisha.
27. The Director, Mines and Geology Directorate, Government of Rajasthan, Khanij Bhawan, Shastri Circle, Udaipur–313 101.
28. The Commissioner of Geology & Mining, Government of Tamil Nadu, Secretariat, Guindy, Chennai – 600032.
29. The Director of Mines and Geology, Government of Telangana, 8th Floor, 'D' Block, B.R.K.R. Bhavan, Tankbund, Hyderabad – 500063.
30. The Director, Directorate of Geology & Mining, Government of Uttar Pradesh, 27/8 Raja Ram Mohan Roy Marg, Khanij Bhavan, Lucknow - 226 001.
31. The Director, Geology and Mining Unit, Govt. of Uttarakhand, 4 Subhash Road, Secretariat, Dehradun – 248 001.
32. The Director, Directorate of Mines & Minerals, Government of West Bengal, 4, Abanindranath Tagore Sarani, 2nd floor, Kolkata – 700 016.
33. The Director, Department of Mines, Minerals & Geology, Government of Sikkim, Secretariat Complex, Tashiling, Gangtok-737 101.
34. The Director, Directorate of Mineral Resources, Government of Meghalaya, Risa Colony, Shillong- 793 003.
35. The Director (Geology & Mining), Directorate of Geology, Government of Nagaland, Dimapur -797 112.
36. The Managing Director, Odisha Mining Corporation, OMC House, Bhubaneswar-751001, Odisha.
37. The Director (Technical), Ministry of Mines, Shastri Bhawan, New Delhi-110 001.

Copy for information to:

1. PS to Hon'ble Minister of Mines, Krishi Bhawan, Dr. Rajendra Prasad Road, New Delhi-110001.
2. PS to Hon'ble Minister of State, Coal & mines, Udhyog Bhawan, Rafi Marg, New Delhi-110001.
3. PPS to Secretary, Ministry of Mines, Shastri Bhawan, New Delhi-110001.
4. PS to Additional Secretary, Ministry of Mines, Shastri Bhawan, New Delhi-110001.
5. PS to Joint Secretary (BP), Ministry of Mines, Shastri Bhawan, New Delhi-110001.
6. PS to JS&FA, Ministry of Mines, Shastri Bhawan, New Delhi-110001.
7. PS to CCA, Ministry of Mines, Room No. 300, Udyog Bhawan, New Delhi-110001.

Government of India
Ministry of Mines
NATIONAL MINERAL EXPLORATION TRUST

Minutes of the 10th meeting of the Executive Committee of National Mineral Exploration Trust (NMET) held on 30th October, 2018.

The 10th meeting of the Executive Committee of National Mineral Exploration Trust (NMET) was held under the Chairmanship of Shri Anil Mukim, Secretary, Mines, on 30th October 2018, in Khanij Kaksh, Ministry of Mines, Shastri Bhawan, New Delhi.

The list of participants is at **Annexure-I**.

Joint Secretary, Mines & Member Secretary, EC welcomed the participants. Agenda-wise discussions followed.

10.1. Approval of Minutes of the 9th meeting of EC

JS & Member Secretary informed that there were no comments received on the minutes of 9th meeting of EC circulated to the all concerned. The EC approved the minutes.

10.2. Discussion on ATR of the 9th meeting of Executive Committee

10.2.1. Accounting procedure for NMET

EC was informed that the designated heads were activated in most of the States but the transfer of the NMET contribution to Consolidated Fund of India (CFI) could not be made due to lack of clarity on mode of transfer by AGs of the States. The matter was taken up with O/o C&AG and an advice was issued by Director General, Government Accounts (C&AG) on 21st August, 2018 to the Principle Accountant General (A&E)/Accountant General (A&E) of all the major mineral producing States to carry out cash settlement for transferring NMET receipts on monthly basis to Pay and Accounts Office, Ministry of Mines, New Delhi.

EC was also informed that the matter was also discussed in the Coordination-cum-Empowered Committee (CCEC) meeting held on 12th October, 2018 at Ahmedabad. The Secretary (Mines) requested the State representatives to transfer the NMET contribution to CFI on monthly basis through cash settlement mode.

It was also informed that the matter is being continuously followed-up with the States and only the State of Goa has transferred Rs. 36.80 Lakh NMET contribution for the months of April-September, 2018 to CFI so far. The Chief Controller of Accounts (CCA), Ministry of Mines has also been requested to provide the broadsheet of accretions received from States to the NMET Fund on monthly basis for updating the records as stipulated in Rule 24(1) in NMET Rules.

The EC directed that the matter may be once again taken up with the DG (Govt. Accounts), C&AG. A D.O. letter from Secretary/Additional Secretary, Mines may be written to the State Finance Secretary of all concerned States.

(Action: All States; NMET Cell; PAO, Mines)

10.2.2. Status of NMET Fund

The NMET Fund account in SBI bank was closed on 20th August, 2018. A total accrued amount of Rs. 131956.65 Lakh has been transferred into the account of PAO, Ministry of Mines from NMET bank account.

As per the direction of 9th EC meeting for collection the information by IBM regarding royalty and NMET contribution for coal, lignite and sand for stowing, it was informed that the information is being compiled by IBM and will be sent to NMET Cell.

(Action: IBM)

10.2.3. Monitoring mechanism for NMET funded projects

EC was informed that the officers of NMET Cell visited the following 6 projects executed by MECL in the month of August and September, 2018 to assess the progress of the work. The field inspection notes have been submitted by the respective officer. The copy of the inspection note has been provided to MECL for necessary action.

Sl. No.	Name of the Poject	Stage	Commodity
1	Lakhasar Block, Bikaner, Rajasthan for	G-3	Potash
2	Jumka- Pathiriposhi Block, Sundargarh, Odisha	G-2	Iron ore
3	Naubasta-Kolad Block, Satna, Madhya Pradesh	G-2	Limestone
4	Veeranam Lignite Block, Cuddalore, Tamil Nadu	G-1	Lignite
5	Kachola-Amargarh-Jhikri Area, Bhilwara, Rajasthan	G-4	Basemetals, associated Elements, Gold & REE
6	Kanawat-Chala-Karath-Bagholi Area, Jhunjhunu & Sikar, Rajasthan	G-4	iron

EC took note of the matter.

10.2.4. Time over-run in NMET funded projects of MECL

As per the direction of 9th EC meeting, MECL submitted details of time over-run in 25 projects from the date of commencement or date of sanction whichever is earlier along with the justifications. EC was informed that the reasons for delay are mainly non-availability of requisite permissions, breakdown of the instruments and delay in chemical analysis.

The EC approved the time over-run in these 25 projects and directed the Technical-cum-Cost Committee (TCC), NMET to take care these aspects to the extent possible while evaluating the projects in future.

(Action: TCC, NMET)

10.2.5. Committee to formulate the Schedule of Charges for projects funded through NMET

EC was informed that a total of two meetings of the Committee were held so far and list of activities to be included in the SoC has been finalized. The State DMGs/PSUs/Labs; Central Govt. organizations/labs and other institutions involved in mineral exploration and allied activities have been requested to provide their SoC for comparison of prevailing rates. As per the direction of EC, GSI has nominated Shri Shashi Kant, Assistant Cost Accounts Officer as member in the Committee.

The EC reiterated that efforts to be made to submit the report by 31st December, 2018.

(Action: Chairman, SoC Committee, NMET)

10.2.6. Cash flow for projects approved under NMET funding

As per the direction of 9th EC, NMET Cell prepared the cash outflow for the projects of coal and aero-geophysical surveys in order to consider other projects of coal. the cash flow for non-coal minerals is being prepared. The details of cash flow are as under:

				As per RE-BE* provided by Implementing agencies (Rs. in Lakhs)		As per approved time schedule (Rs. in Lakhs)	
Sl. No.	**Commodity**	**No. of Projects**	**Approved Cost (Rs. in Lakh)**	**2018-19**	**2019-20**	**2018-19**	**2019-20**
1	**Coal Minerals**	7	21486.94	2137.11	5429.89	6187.02	6421.31
2	Aero-Geophysical Survey & Legacy data interpretation	11	25733.77	7311	15900.64	15261.57	7950.32
	Total	**18**	**47220.71**	**9448.11**	**21330.53**	**21448.59**	**14371.63**

EC took note of the matter.

10.2.7. Exploration proposals from Jharkhand

As per the direction of 9th EC meeting, the proposals for exploration of Iron & Manganese ore in Bokna and Silpunji blocks of Jharkhand State were re-submitted and evaluated by TCC in its 16th meeting. TCC recommended Bokna project for approval of EC and advised that the proposal of Silpunji block may be re-submitted in next TCC meeting with sufficient geological data.

The EC requested Jharkhand State for re-submission of the proposal of Silpunji block at the earliest. The Director, DMG Jharkhand assured that the proposal will be submitted in the next TCC meeting for evaluation.

(Action: DMG Jharkhand)

10.2.8. Review of ongoing projects under NMET funding

As per the direction of 9th EC meeting, the TCC in its 16th meeting held on 24-25th September 2018 examined whether the foreclosure of borehole in Lakhasar Block have financial implications. TCC observed that the foreclosure of borehole in Lakhasar Block does not have any financial implication. The standardized format to review the progress of work being carried out in NMET funded projects has been finalized and the details of project review in standard format will be presented in the next EC meeting.

(Action: TCC, NMET)

10.2.9. Approval of GST amount for the approved projects under NMET funding

The EC in its 8th meeting held on 12th June, 2018 decided that all the Implementing Agencies should mention the GST amount and GST number in the bill raised by them as per the Government guidelines. Therefore, the additional cost of projects due to GST component may be approved for projects wherein the GST has not been included earlier. The EC in its 9th meeting directed that the financial implication due to GST component may be examined by hiring the services of an expert in GST matters to work out the additional cost of these approved projects

EC was informed that the matter was discussed with the O/o of GST Authority, New Delhi and it was advised that the GST is applicable on NMET funded projects as per the rates in vogue. It was also informed that the input tax credit claim may not be applicable for the

Trust as the reimbursement is being made against the work and no further services are being provided by the Trust at this stage.

EC directed that the additional financial implication due to GST for projects wherein the GST has not been included earlier may be worked out and put up in the next EC meeting for approval.

(Action: NMET Cell)

10.2.10. Nomination in the Technical-cum-Cost Committee (TCC)

The EC in its 9th meeting directed that two more members, one each from finance wing of GSI and NALCO may be included in the TCC. EC was informed that GSI has nominated Shri Vinay Pal, Assistant Cost Accounts Officer and NALCO has nominated Shri P.K. Maharana, AGM (Finance) as member in TCC, NMET.

EC took note of the matter.

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

10.3.1. Mineral exploration projects proposals

EC was informed that 8 project proposals of MECL were evaluated in 16th meeting of TCC held on 24th & 25th September, 2018 at Nagpur. The TCC has recommended G-4 and G-2 level exploration for manganese in Biarpalli & Babja Blocks. It was informed that the G-4 exploration in these blocks will be carried out excluding the area where G-4/G-3 level exploration has already been carried out. EC accorded approval for 8 projects of **MECL** at the cost of **Rs. 1481.88 Lakh** through NMET funding.

(Action: MECL)

EC was also informed that 2 project proposals of Odisha Mineral Exploration Corporation Ltd. (OMECL) were evaluated and recommended in 16th meeting of TCC. EC accorded the approval for 2 projects of **OMECL** at the cost of **Rs. 304.19 Lakh** through NMET funding.

(Action: OMECL)

The details of the projects approved are at **Annexure-II**.

The EC directed that the NMET funding for limestone may be restricted henceforth and priority may be given more to strategic, critical, REE minerals. The Chairman, NMET TCC informed that the TCC in its 16th meeting has decided to give priority to strategic, critical, REE, PGE minerals and proposals for bulk minerals would be considered on case-to-case basis.

10.3.2. Exploration proposals of Hindustan Copper Limited (HCL) in mining lease area

The EC discussed the proposals of HCL for exploration in leasehold area and deferred this for future.

10.3.3. Deep Seismic Reflection Survey (DSRS) and Magneto-Telluric (MT) Survey proposal for Project: Uncover of GSI

EC was informed that in pursuance of National Mineral Exploration Policy- 2016, GSI is implementing "Project Uncover" to probe deep-seated/ concealed mineral deposits in areas outside the currently identified OGP, characterize India's cover, investigate Lithospheric Architecture, resolve 4D geodynamic and metallogenic evolution, and detect and characterize the distal footprints of ore deposits. Geoscience Australia is associated in the implementation of this project. The following two projects have been undertaken in mineral potential transects:

1. Project 1: Searching for concealed and deep seated mineral deposits below unclassified sediments in parts of Aravalli and Bundelkhand Cratons in parts of Rajasthan, Madhya Pradesh and Uttar Pradesh.
2. Project 2: Deep Crustal Mapping across Western and Eastern Dharwar Cratons for searching concealed and deep seated mineral deposits, in parts of Andhra Pradesh and Karnataka.

The TCC in its 17th meeting evaluated and recommended the proposal of DSRS & MT survey along the northern transect submitted by GSI. Oil & Natural Gas Corporation (ONGC) will execute these surveys. EC accorded the proposal at the cost of **Rs. 8100.00 Lakh**. The details are at **Annexure-III.**

(Action: GSI)

The total cost of new projects approved by EC: Rs. 9886.07 Lakh (inclusive of all taxes).

10.4. TCC recommendations on different Agenda:

10.4.1. Cancellation of Degve-Kalna-Asania Block:

The EC in its 4th meeting held on 21st February, 2017 approved regional exploration (G-4 Stage) for Iron ore & Manganese in Degve-Kalna-Asania Block, Dist. Sindhudurg, Maharashtra at an estimated cost of Rs. 200.89 Lakh to be executed by NMDC. NMDC informed that the geological mapping of 30.38 sq. km out of 93 sq. km was carried out and further work could not be taken up due to local resistance and non-support from local authorities. The matter was deliberated in 16th TCC meeting. TCC has recommended closure of the project and submission of report for the work completed.

EC accorded the approval.

(Action: NMDC)

10.4.2. Additional Drilling in Kanawat-Chala-Karath-Bagholi Block, Jhunjhunu & Sikar Districts, Rajasthan

The EC in 6th meeting held on 11th January 2018 approved drilling of 615m in 10 boreholes in the Kanawat-Chala-Karath-Bagholi Block, executed by MECL without any additional cost. MECL has carried out total drilling of 719.50m in 10 boreholes. The TCC in its 17th meeting recommended approval of the additional drilling of 104.50m in the block and additional cost of **Rs. 11,71,967.50** as per following detail:

Activity	Approved in	Base Rate	Escalated rate	Quantity	Amount in INR (inclusive of all taxes)
Drilling	4th EC on 21.02.2017	2,551/-	11,215/-	600 m	67,29,000.00
Drilling	6th EC on 11.01.2018	-	-	615 m	No additional cost as per 6th EC recommendation
Actual drilling done	-	2,551/-	11,215/-	719.50 m	79,00,967.50
Additional amount required for drilling (104.50m)**:**					**11,71,967.50**

EC accorded the approval.

(Action: MECL)

10.5. Review of ongoing projects under NMET funding

EC was informed that the TCC in its 16th meeting held on 24-25th September, 2018 at

Nagpur reviewed 7 ongoing projects being executed by NEAs. The list of projects reviewed is at **Annexure- IV**.

10.6. Annual Report of NMET for the year 2017-18

EC was informed that the Annual report of NMET for the year 2017-18 has been prepared and subsequently approved by the Hon'ble Minister of Mines. As per the GFR 2017, the report shall be laid on the table of Rajya Sabha for examination by the Committee on Papers laid in Rajya Sabha. EC instructed to lay report on the table of Rajya Sabha in the next session.

(Action: NMET Cell)

10.7. Delegation of Financial Power of NMET

EC was informed that the appropriate heads of NMET Fund have been opened by Ministry of Finance and the funds have been re-appropriated. It has been decided that all the expenses towards activities being carried out under NMET would be paid from NMET fund. The Delegation of Financial Power scheme for NMET will be prepared to incur expenditure from NMET budget heads after receiving clarification legal status of NMET from Department of Expenditure, Ministry of Finance. NMET will follow the DFPR of Ministry of Mines till such time.

For the payment of sitting fee and TA/DA of the Expert Member of the EC and other miscellaneous expenditure, the IF Division (Mines) has clarified that the financial concurrence can be given by the Head of Department (HoD) and the concurrence of JS & FA (Mines) is required only if it is beyond the powers of HoD. It is not clear whether the HoD of Ministry of Mines can also exercise the powers of HoD of NMET.

The EC clarified that the HoD of Ministry of Mines is also HoD of NMET and further directed that the bills pertaining to NMET activities may be processed expeditiously.

(Action: NMET Cell)

10.8. Additional issues discussed in the meeting

10.8.1. The DG, GSI informed the EC that Multisensor Aero-Geophysical survey project in 5 Blocks were approved in the 9th EC meeting. The approval was asked in INR. Hence, EC accorded approval in INR. DG informed that the vendors have shown their inability to take up the project if the payment is not made in USD. Accordingly, a revised proposal has been sent to NMET for approval in USD.

EC directed that the matter may be examined in detail and submitted to Secretary, Mines.

(Action: NMET Cell)

10.8.2. The DG, GSI informed that payments have not been made for the work completed in the phase-I of Multisensor Aero-Geophysical survey project. The CCA, Mines informed that the PAO, Mines has made some observations regarding extension of the project by DG, GSI without imposing any penalty. The DG, GSI informed that the extension was given for delay in getting requisite permissions from DGCA and inclement weather conditions in the survey areas which are as per the conditions of contract agreement. Some of the frivolous queries raised by PAO were explained and CCA admitted that the queries are not in order. CCA also assured the EC that in future no payment delays will happen due to such frivolous queries of PAO.

EC directed that the reply of queries may be sent to PAO, Mines at the earliest. CCA, Mines assured that the payment will be made immediately after receiving the reply.

(Action: NMET Cell)

Annexure-I

List of participants

Sl. No.	Name & Designation	Organization/ Contact no./email	Remarks
1	Shri Anil Mukim Secretary & Chairman, EC NMET	Ministry of Mines secy-mines@nic.in	*In Chair*
2	Dr. K. Rajeswara Rao Additional Secretary	Ministry of Mines as_mines@nic.in	Invitee
3	Shri Bipul Pathak Joint Secretary & Member Secretary, EC NMET	Ministry of Mines jsm-mines@nic.in	Member Secretary, *ex officio*
4	Smt. Reena Sinha Puri JS & FA	Ministry of Mines jsfa.moc@nic.in	Member, *ex officio*
5	Dr. Dinesh Gupta Director General	GSI dg.gsi@gov.in	Member, *ex officio*
6	Sh. Anil Srivastava Chief Controller of Accounts	Ministry of Mines sranil.66@gov.in	Invitee
7	Shri D. Mohan Raj ADG & Chairman TCC, NMET	GSI, Nagpur hodnm2@gsi.gov.in	Invitee
8	Dr. Joyesh Bagchi Director (Technical)	Ministry of Mines dirtech.mom@nic.in / 9868918087	Invitee
9	Shri Pradeep Singh Director	Ministry of Mines nmet-mines@gov.in / 9810233957	NMET Cell
10	Shri M. C. Bhatt Under Secretary	Ministry of Petroleum and Natural Gas 011-23387224	Representative, Ministry of PNG
11	Dr. N. Pazhamalai Nathan Dy.DG (Retd.)	GSI npnathan55@yahoo.co.in/ 9444942874	Nominated expert, EC
12	Sh. Naresh Nautiyal Head BD & Planning (Retd.)	MECL 9422501551	Nominated expert, EC
13	Sh. Alok Sharma GM- Exploration (Retd.)	CMPDIL aloksharma360@gmail.com/ 8987789065	Nominated expert, EC
14	Shri R.N. Jha CMD(I/C), MECL	MECL cmd@mecl.co.in / 9673408000	Invitee
15	Shri Santosh Sharma CMD, HCL	Hindustan Copper Limited santoshsharma@hindustancopper.com/9433001146	Invitee
16	Dr. D. R. Patel Joint Director	DGM, Chhattisgarh pateldrdgm@gmail.com / 9827153271	Representative, Chhattisgarh
17	Kumari Anjali Director (Geology)	DMG, Govt. of Jharkhand dirgeojh@gmail.com/ 9431592682	Representative, Jharkhand
18	Shri M. A. Khan Assistant Geologist	DGM, Govt. of Madhya Pradesh dirgeomn@mp.gov.in	Representative, Madhya Pradesh
19	Shri Ram Manohar Ahirwar Assistant Statistical Officer	DGM, Govt. of Madhya Pradesh	Representative, Madhya Pradesh
20	Dr. B.V.S.N. Raju Dy. Regional Director	AMD, Delhi	Representative, AMD

21	Shri A.K. Mohanty GM(Exploration)	CMPDIL, Ranchi ak.mohanty@coalindia.in	Representative of CMPDIL
22	Shri B. N. Shukla Director (T/CRD)	CMPDIL dtcrd.cmpdi@coalindia.in	Representative, CMPDIL
23	Shri B.P. Raturi HOD (Exploration)	MECL bpraturi100@yahoo.co.in / 9422806417	Representative, MECL
24	Shri Yogesh Sharma GM (BD&P/E)	MECL yogesh21@hotmail.com / 9422806417	Representative, MECL
25	Shri Vivek Gupta TS to CMD, HCL	Hindustan Copper Limited 9051136761	Invitee
26	Shri S. K. Bhattacherya Director (Mining)	Hindustan Copper Limited	Invitee
27	Shri A. K. Singh	Hindustan Copper Limited	Invitee
28	Shri Anjani Kumar	PAO, Ministry of Mines	Invitee
29	Shri A. K. Hashija	PAO, Ministry of Mines	Invitee
30	Shri Maneesh Khar Director	NMET nmet-mines@gov.in / 9462036108	NMET Cell
31	Sh. Manoj Kumar Director & Member Secretary, NMET TCC	GSI, DGCO 8968443417	NMET Cell
32	Sh. Y.S. Bhamboo Senior Geologist	NMET nmet-mines@gov.in / 9672666707	NMET Cell
33	Sh. Subhash Kumar Senior Geologist	NMET nmet-mines@gov.in / 9868302624	NMET Cell
34	Sh. Rajendra Prasad Deputy Director	NMET nmet-mines@gov.in /8368185922	NMET Cell
35	Sh. Shashikant ACAO	NMET nmet-mines@gov.in / 9015585789	NMET Cell
36	Sh. Ashok Kumar Meena ASO	NMET nmet-mines@gov.in/ 9891958260	NMET Cell

Annexure-II

Mineral Exploration Projects/Blocks approved by 10th Executive Committee on 30.10.2018

Implementing Agency: MECL					
Sl. No.	***Block Name***	***Commodity***	***Stage***	***Duration***	***Approved Cost (Rs. in Lakhs)***
1	Biarpalli Block, District: Bolangir, Odisha	Manganese	G-4	10-12 months	151.34
2			G-2	12-14 months	357.35
3	Babja Block, District: Bolangir, Odisha	Manganese	G-4	10-12 months	107.91
4			G-2	08-10 months	144.23
5	Bokna Block, District: West Singhbhum, Jharkhand	Iron & Manganese	G-3	11-13 months	199.45
6	Diggoan Block, Chittarpur Taluk, District- Kalaburagi, Karnataka	Limestone	G-3	09-11 months	205.98
7	Udagi Block, Chittarpur Taluk, District- Kalaburagi, Karnataka	Limestone	G-3	09-11 months	192.01
8	Ranigaon-Gondaiya Block, Tehsil- Kota, Dist.- Bilaspur, Chhattisgarh	Limestone	G-3	06-07 months	123.61
				Total	**1481.88**

Implementing Agency: Odisha Mineral Exploration Corporation Limited (OMECL)					
Sl. No.	***Block Name***	***Commodity***	***Stage***	***Duration***	***Approved Cost (Rs. in Lakhs)***
1	Khandadhar Block (47 sq km), Dist.- Sundergarh, Odisha	Iron	G-4	08-10 months	56.71
2	Khandadhar Block (2.93 sq km), Dist.- Sundergarh, Odisha	Iron	G-2	08-10 months	247.48
				Total	**304.19**

Annexure-III

Deep Seismic Reflection Survey (DSRS) and Magneto-Telluric (MT) Survey for Northern Transect of Project: Uncover of GSI approved by 10th Executive Committee on 30.10.2018

(Rs. in Lakh)

Sl. No.	Item	Unit cost	Volume	Total cost	Total cost inclusive of GST @ 18%
1. DSRS Acquisition			800	4643.10	5478.86
	A. Vibroseis part	2.88	235	676.80	798.62
	B. Rest With Explosive	7.02	565	3966.30	4680.23
2. DSRS Processing & Interpretation		1.02	800	816.00	962.88
Total DSRS API			800	5459.10	6441.74
3. MT Acquisition			705	1094.09	1291.03
	A. SPMT observation	1.44	560	806.40	951.55
	B. MPMT Observation	1.57	69	108.33	127.83
	C. LPMT Observation	2.36	76	179.36	211.65
4. MT Processing & Interpretation		0.23	705	162.15	191.34
Total MT API			705	1256.24	1482.36
5. **Integration of DSRS & MT data**		0.2	705	141	166.38
	Grand total			**6856.34**	**8090.4812**
					8100.00

Note: Cost may vary (4-5%) due to number of active channels, hard formation, higher charge size, Line breaks, Specialized processing workflows for image enhancement etc., longer observation time depends on MT signal strength.

Total cost of new projects approved: Rs. 9886.07 Lakh

Annexure-IV

Details of ongoing projects reviewed in 16th TCC meeting held on 24-25th September, 2018

Sl. No.	Block Name	Commodity	Stage	Remarks
1	Udbur Block, Karnataka (KIOCL)	Gold	G-4	• Additional 50 cubic meter pitting & trenching along with sampling and analysis for Ni, Cr, Cu, As & Bi. • SEM and EPMA studies for identification of Ni phase.
2	South of Kesharpur Block (MECL)	Copper	G-4	• MECL shall plan further exploration by excluding the Madanshai Block where GSI is carrying out exploration works. GSI has provides the coordinates of the block wherein work is under progress. • The geological map shall be updated by incorporating more structural data.
3	Deravad-Chagarhia-Bansara Block, Udaipur, Rajasthan (MECL)	Copper & Gold	G-4	• The TCC in its 12th meeting held on 8-9th January, 2018 recommended 625m drilling and the report may be submitted by May, 2018. • The resource mobilization is under progress and the work will commence soon.
4	Matmari Block, Dist.-Raichur, Karnataka (NMDC)	Gold	G-4	• Geological mapping on 1:12500 scale completed in 125 sq. km out of 511 sq. km target and collected 203 samples.
5	Jampani-Dilkiburu-Danguaposi Block (NMDC)	Iron ore	G-4	• The geological mapping is under progress and 41 sq. km area has been mapped. • The permission for geological mapping and surveying work has been received from Forest Department.
6	Tirumnakaradu Block, Dist.- Tirupur, Tamil Nadu (KIOCL)	Iron Ore	G-4	• Stage-I work has been completed. • Stage-II work has been suspended due to local resistance. Consistent liasioning with State & district authorities is being carried out.
7	Poomedu Block, Tirupur & Karur districts, Tamil Nadu (KIOCL)	Iron Ore	G-2	• Stage-I work could not be commenced as requisite permission is awaited from DGM Tamil Nadu.