Government of India
Ministry of Mines
NATIONAL MINERALEXPLORATION TRUST (NMET)

Minutes of the 8th meeting of the Executive Committee of National Mineral Exploration Trust (NMET) held on 12th June, 2018.

The 8th meeting of the Executive Committee of National Mineral Exploration Trust (NMET) was held under the Chairmanship of Shri Anil Mukim, Secretary, Mines, on 12th June 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.

8.1 Discussion on ATR of the 7th meeting of Executive Committee

8.1.1 Accounting procedure for NMET

Joint Secretary informed that the States of Odisha, Chhattisgarh, Tamil Nadu, Madhya Pradesh, Jharkhand, Gujarat and Andhra Pradesh had implemented the accounting procedure. The other States have informed that the accounting procedure is under approval and will be implemented soon.

EC instructed that the whole procedure of adoption and migration to the new accounting procedure should be completed by the end of July, 2018.

(Action: All States)

8.1.2 Status of NMET fund

A total amount of Rs. 1257.79 crore has been transferred so far into the account of PAO, Ministry of Mines from NMET bank account. The procedure for closing of NMET account has been initiated and the accruals in the account have been stopped w.e.f. 31st May, 2018. An amount of Rs. 46.28 crore accrued up to 31/05/2018 will be transferred to PAO at the time of closing of account. However, the NMET account could not be closed as there is a lien on an amount of Rs. 1.69 crore in respect of NMET contribution of Uttar Pradesh State. The matter has already been taken up with the State Government. Secretary, Mines directed that the matter may be resolved in at the earliest in consultation with concerned authorities.

The Advisor (Project), Ministry of Coal advised that the NMET fund accrued so far may be segregated for non-coal and coal minerals. In this regard, Director, NMET informed that Ministry of Mines requested Secretary, Ministry of Coal to provide the royalty figure in respect of coal minerals and to institutionalizing a mechanism for month-wise/company-wise monitoring of coal royalty. The coal royalty data from Ministry of Coal are still awaited.

It was deliberated that as per the NMET Rules, IBM has the responsibility of maintaining an updated record of the monies transferred to the bank account of the Trust along with a database of royalty payments. However, the Mineral Conservation and Development Rules, 2017 stipulates that holder of a mining lease shall submit online monthly and annual returns in respect of each mine for non-coal minerals to the IBM. Secretary, Mines instructed that the matter may be examined in the Ministry. Advisor (Project), Ministry of Coal informed that there is a mismatch in case of coal minerals for royalty collected and corresponding NMET due @2% norm as the cess collected on coal has been included in royalty collected which may be not part of royalty. The Director, DGM Telangana informed that on the query of State

Government, Ministry of Coal has clarified that the cess is part of royalty. Secretary, Mines advised that the matter may be examined.

(Action: NMET Cell; Advisor (P), Ministry of Coal)

The exercise of reconciliation of NMET account is under progress. The EC was informed that the exercise would be completed within a period of one month and a status report will be submitted to the EC in its next meeting.

(Action: NMET Cell, IBM and Dir (F), NALCO)

8.1.3 NMET funding for Capacity Building

JS informed that the list of 92 training programs of GSITI, suitable for participation of the State DGMs has been communicated to the States. It was also requested that in case the States need some more specific training, they may communicate their requirements to develop such customized training programs to GSI with intimation to NMET. Sh. A.K. Singh, Technical Expert, EC suggested that the States may be supported for capacity building of State DGMs and development of infrastructure to enhance exploration activities. Secretary, Mines reiterated that the States should source their infrastructure needs from their own fund and NMET fund would be provided for training and skill development.

8.1.4 Recovery and preservation of drill cores

The draft guidelines for recovery and preservation of drill cores developed by the Chairman, TCC were uploaded on Ministry of Mines' website for inviting comments/suggestions from Mining Industry, stake holders and entities concerned. The draft guidelines were also circulated to the members of EC by email. The comments/ suggestions received from 6 agencies have been sent to Chairman, TCC.

Secretary, Mines directed that guidelines may be finalized at the earliest and circulated to all the implementing agencies.

(Action: TCC, NMET)

8.1.5 Tripartite Agreement with States

MECL was requested to revise the para 3.6 in the tripartite agreements signed so far with 12 States and also incorporate the modifications in the future Tripartite Agreements. CMD, MECL informed that the revised Tripartite Agreement has been communicated to the 12States and in future the Tripartite Agreements will be signed as per the revised format.

8.1.6 Monitoring mechanism for NMET funded projects

The list of ongoing projects was provided to Chairman, TCC for review of ongoing projects. Chairman, TCC informed that 11 ongoing projects were reviewed in 14th TCC meeting held on 21st& 22nd May, 2018 at Nagpur. The details are at **Annexure-II**.

Secretary, Mines instructed TCC to ensure that the recommendations shall be followed by the implementing agencies and no further exploration should be taken up in non-prospective blocks. Chairman, TCC stated that for the mineral exploration projects executed by the Notified Exploration Agencies (NEAs), the NEAs are following the monitoring mechanism existing in their organization. However, no such monitoring mechanism exists in case of outsourcing of work to private agency. The NMET Rules, 2015 stipulate that the monitoring of the implementation of projects has to be carried out by Trust and for this purpose Trust may

devise its own procedure consistent with the Act. Secretary, Mines directed that TCC may devise a monitoring mechanism.

(Action: TCC, NMET)

8.2 Nomination of a member for Technical-cum-Cost Committee (TCC)

Shri Manoranjan Mohanty, DDG & Member, TCC of NMET has superannuated on 28thFebruary, 2018. The Chairman, TCC has proposed to nominate Sh. K.C. Sahoo, DDG (Geol.) & RMH-II, GSI, Western Region, Jaipur as a member of TCC.

The EC accorded approval to the proposal.

8.3 Approval of Block 5 of Multi-sensor Aero-Geophysical Surveys over Obvious Geological Potential (OGP) and adjoining areas

Geological Survey of India is implementing the Multi-sensor Aero-Geophysical Surveys to cover 27 Lakh line km of OGP and adjoining areas with line spacing of 300m and at an altitude of 80m above ground level. The area has been divided into 12 blocks to be covered in three years' time i.e. 4 blocks each year. The 1st Phase of the survey program in 4 Blocks is being implemented through NMET funding.

GSI has submitted a proposal for Block 5 covering 3,34,470 line km at a cost of Rs. 36,44,84,605.The implementing agency M/s Geotech Ltd. has been selected through global bidding process. The proposal is with IF Division, Ministry of Mines for concurrence and subsequent approval of Secretary (Mines).

EC accorded in-principle approval to the proposal for funding from NMET fund.

(Action: GSI)

8.4 Approval of engaging a consultant for Heliborne Geophysical Survey

GSI submitted a proposal for interpretation of its existing airborne legacy data and data acquired by Govt. of Odisha through M/s Geoscience Australia for follow-upheliborne surveys for mineral targeting.

M/s IDPeX Pvt. Ltd., India [a consortium of Data Code India, Paterson, Grant & Watson Ltd., Canada and International Geoscience Ltd., U.K] has been shortlisted as Consultant through global tendering for interpretation of data over an area of 1,35,422 sq km which includes legacy data of GSI and data acquired by Govt. of Odisha in order to identify the potential areas for conducting detailed heliborne surveys, preparation of Detailed Project Report (DPR), inviting Expression of Interest (EoI) from potential PIAs, global tender management and Technical Supervision and Quality Control (TS-QC)] for the entire project. The DPR for the Project will include (a) identification of the blocks for conducting detailed Heliborne surveys (b) specifications of suitable sensors to be used for carrying out the detailed surveys (c) suitable survey parameters to be employed, and (d) the required Geophysical calibrations to be carried out.

The total cost of engaging M/s IDPeX Pvt. Ltd. is Rs.3.37 crore, out of which Rs.1.16 crore will be incurred during the current financial year (2018-19) and remaining Rs.2.21 crore next financial year (2019-20).The time schedule proposed for the project is 19 months.

EC accorded in-principle approval to the proposal for funding from NMET fund.

(Action: GSI)

8.5 New projects recommended by TCC, NMET in its 14th meeting

39 mineral exploration projects (15 of DMG Telangana, 1 of KIOCL, 14 of Chhattisgarh and 9 of MECL) were examined by the TCC in its 14th meeting held on 21-22 May, 2018 at Nagpur. Out of these, the technical and cost aspects of 34 proposals have been vetted by TCC and recommended for approval of EC. The TCC recommended to club 15 blocks of DMG Telangana to make 8 clusters for G-4 level. The committee recommended the exploration programme up to G-2 Stage and at the end of G4 & G3- stage exploration, the projects will be reviewed by TCC to decide about the next stage of exploration.

EC accorded approval for exploration of 34 blocks (15 blocks of DGM Telangana, 1 block of KIOCL, 14 blocks of DGM Chhattisgarh and 4 blocks of MECL) at an estimated cost of **Rs. 6719.82 Lakh** through NMET funding (List of projects at **Annexure-III**).

The Chairman, TCC informed Rs. 1.56 Lakh were approved for analyses of Silver as well as 08 samples for PGE for Stage-1 work in the Udbur Block, District- Mysore, Karnataka which is executed by KIOCL. The EC in its 7th meeting held on 12th March 2018 decided that TCC may approve additional cost up to 10% of the original sanctioned cost of the project and put up in the next EC for information.

Secretary, Department of Mines, Government of Karnataka pointed out that the contribution made by States should be considered while allocating funds from NMET. The Committee observed that this aspect has already been considered and the EC in its 5thmeeting decided that, "While proposing new proposals to EC, equitable distribution of the projects in all States proportionate to their production should be considered."

Additional Secretary, Mines appreciated the efforts made by the States of Telangana and Chhattisgarh for submission of project proposals. The other States were requested to expedite the process of finalization of new project proposals for NMET funding.

(Action: All States)

8.6 Time over run of MECL projects

The Chairman, TCC informed that the time over-run in projects, executed by MECL was reviewed in its 14th meetingheld on 21st-22nd May, 2018 at Nagpur. The time over-run is mainly due to delay in forest permission and chemical analysis. The TCC has recommended that MECL need to monitor and resolve the issue of delay in chemical analysis so that the projects can be completed within the stipulated time frame. The Chairman, TCC suggested that imposing a suitable penalty may be considered as an option to prevent time over-run.

The EC directed MECL to submit details of delay with reasons of such delays to NMET Cell within two days and fixing responsibility for such avoidable lapses. It was instructed that the time over-run in the projects should be avoided at all costs. All the Implementing Agencies may ensure that the exploration activities are completed as per approved time-schedule and the geological reports are submitted within stipulated time.

(Action: MECL; All Implementing Agencies)

8.7 Approval of Format for submission of G4 and G3/G2 project proposals under NMET funding.

The Technical-cum-Cost Committee has prepared a comprehensive format with the details of information required for submission of proposals for G-4, G-3 and G-2 stage exploration. The format was approved and may be circulated to the States/Agencies for submission of proposal.

(Action: TCC, NMET)

8.8 Approval of circulation of General Guidelines for NMET Funded Mineral Exploration Projects and format for submission of reports.

The projects funded by NMET are being executed by various Notified Exploration Agencies (NEAs).The TCC has prepared general guidelines for execution of mineral exploration projects funded by NMET. The guidelines laid down in the Mineral (Evidence of Mineral Content) Rules, 2015 are also incorporated which are required to establish mineral content in a block so that it can be auctioned. The TCC has also developed a format for submission of geological report of these projects in order to maintain uniformity as the data has to be uploaded on National Geoscience Data Repository (NGDR) in GIS format.

The guidelines and format of report were approved and may be circulated to the NEAs.

(Action: TCC, NMET)

8.9 TCC recommendations on different Agenda

The TCC in its 14th meeting made following deliberated on different agenda -

1. The TCC recommended that as per the Government guidelines, all implementing agencies should mention the GST amount and GST number in the bill raised by them.
2. The TCC recommended that the exploration activities which are being outsourced, cost will be calculated as per actual cost of outsourced work plus handling charges of the agencies or the rate of MECL whichever is less. MECL was requested to work out a standard handing charge for approval of EC.
3. The cost estimates of all proposals are based on the Schedule of Charges (SoC) of MECL which was made for promotional Projects approved through SCPP, same may not be applied to all proposals of NMET.A competitive SoC pricing needs to be worked suitably for the projects under NMET funding.
4. The TCC recommended that about 20 proposals will be taken up in each meeting of TCC for proper technical and financial evaluation. TCC meetings will be held during 3rd week of Every Month so that all the new project proposals are evaluated and progress of ongoing projects is reviewed. Proposals to be considered may be submitted to all the members 15 days prior to the scheduled meeting of TCC, NMET. All states need to note for appropriate actions.

Secretary, Mines directed that the handling charges may be worked out by MECL and put up to TCC in its next meeting. A formal proposal for SoC of NMET funded projects may be submitted by Chairman, TCC.

(Action: MECL; NMET TCC)

8.10 Exploration of critical and strategic minerals

The National Mineral Exploration Policy (NMEP), 2016 stipulated that the exploration of critical and strategic minerals shall be given requisite priority as they are vital for industry and national security. The matter was discussed in the 4th meeting of EC held on 21st February, 2017 and it was directed that MECL should concentrate more on exploration for critical minerals/PGE/REE, etc. and leave exploration of bulk commodities like limestone to State Governments.

It is observed that out of the 80 projects approved so far under NMET funding, 25 projects are for limestone and 8 projects are for iron ore. Further, out of 34 projects recommended by TCC in its 14th meeting, 18 projects are of limestone and 11 projects are of iron ore. The EC observed that NMET funding should be prioritized with more emphasis on exploration of critical and strategic mineral, base metals, fertilizer minerals and precious metals whereas, the exploration of bulk minerals through NMET funding may be kept on lower priority.

Further, EC also agreed to further the efforts of mineral targeting through funding of NCMT (National Centre for Mineral Targeting) as envisaged in National Mineral Exploration Policy, 2016 and directed to move a separate proposal for this.

(Action: GSI)

8.11 Setting up of NMET Organizational Structure

It was envisaged that with increasing quantum and nature of the activities of NMET, an autonomous body needs to be created with proper technical, administrative and financial wings. The matter was discussed in 2nd Governing Body meeting held on 27th March, 2018 and subsequently approved by the Hon'ble Minister.

It was proposed that the NMET may be registered as a Society under the Society Registration Act, 1860. The annual average NMET contribution is approximately Rs. 400 crore. The maximum permissible expenditure on establishment and office expenses in a year for NMET office would be capped at 12% of the NMET contribution i.e. Rs. 48 crore which include administrative expenses, fees towards hiring of experts, rent and office expenses etc.

The EC deliberated that the 12% office expenditure is towards higher side and a revised proposal with estimates be submitted in the next EC meeting. The past TA/DA and honorarium bills pending could be cleared out of OE of Ministry.

A detailed note for establishment of NMET Society may be prepared and submitted to the Expenditure Finance Committee (EFC) headed by Secretary, Department of Expenditure, Ministry of Finance for approval. After approval of EFC, the procedure for registration NMET as a Society may be taken up. The setting up of office will be considered once a final decision in the matter is taken.

(Action: NMET Cell)

8.12 Funding of Coal/lignite exploration projects

EC deliberated about the issue of Ministry of Coal projects which are ongoing. In view of the commitment made by MoM for funding up to Rs. 100 Crore projects, it was agreed by EC that the Ministry of Coal will process proposals, as decided in the last EC meeting. They can initiate new proposals also. Chairman has directed that appropriate priority will be accorded to proposals from Coal Sector.

(Action: Advisor (P), Ministry of Coal)

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*
3	Dr. Niranjan K. Singh Joint Secretary	Ministry of Mines jse-mines@nic.in	Member, *ex officio*
4	Dr. Dinesh Gupta Director General	GSI dg.gsi@gov.in	Member, *ex officio*
5	Smt. Reena Sinha Puri JS&FA	Ministry of Mines jsfa.moc@nic.in	Member, *ex officio*
6	Dr. Anindya Sinha Project Advisor	Ministry of Coal advp.moc@nic.in / 7766908001	Representative, Ministry of Coal
7	Shri Amar Nath Joint Secretary, MoPNG	Ministry of Petroleum & Natural Gas	Member, *ex officio*
8	Shri M.B.Verma Director	AMD, Hyderabad, Department of Atomic Energy	Representative, DAE
9	Dr. B.V.S.N. Raju Geologist	AMD, Delhi	Representative, AMD
10	Shri Neeraj Mandloi Principal Secretary	Govt. of Madhya Pradesh	Representative, Madhya Pradesh
11	Dr. D. R. Patel Joint Director	DGM, Chhattisgarh pateldrdgm@gmail.com / 9827153271	Representative, Chhattisgarh
12	Smt. Ritu Singh Addl. Director	Geology & Mining Department, Govt. of Gujarat infogmrds@gmail.com	Representative, Gujarat
13	Shri. Subhash Joshi Geologist	CGM, Govt. of Gujarat 9925518592	Representative, Gujarat
14	Shri Rajender Kataria Secretary	Department of Mines, Govt. of Karnataka	Representative, Karnataka
15	Shri. Ashutosh Prasad Addl. Director	DMG, Govt. of Jharkhand 9431175676	Representative, Jharkhand
16	Shri. B.R.V.Susheel Kumar Director	Department of Mines & Geology, Govt. of Telangana	Representative, Telangana
17	Shri. Gopa Krishna Bhvyan Director	Directorate of Geology, Odisha directorgeology-odisha@yahoo.in	Representative, Odisha
18	Shri. E. Hanumantha Rao CEO, Merit	MERIT, DMG, Govt. of A.P. 7093273096	Representative, Andhra Pradesh
19	Shri. M. Biswas CcoM(I/C)	IBM, Nagpur	Representative, IBM

20	Shri. S.K. Adhikari CMG	IBM, Nagpur skadhikari@ibm.gov.in / 7588690545	Representative, IBM
21	Dr. P. R. Golani DDG (Retd.)GSI	prggsi@gmail.com 9414074055	Nominated expert
22	Dr. Bhabesh C. Sarkar, Professor	IIT(ISM), Dhanbad bhabeshsarkar2005@gmail.com 9431121653	Nominated expert
23	Dr. Bijendra Singh Ex-Chief Scientist	CSIR-NGRI, Hyderabad bsingh_ngri@yahoo.co.in/ 9849418898	Nominated expert
24	Dr. Ashok Kumar Singh Ex-CMD, CMPDIL	IIT(ISM), Dhanbad 9006553502	Nominated expert
25	Shri D. Mohan Raj ADG&Chairman TCC	GSI, Nagpur hodnm2@gsi.gov.in	Invitee
26	Shri R.N. Jha CMD(I/C), MECL	MECL cmd@mecl.co.in / 9673408000	Invitee
27	Shri B.P. Raturi HOD (Exploration)	MECL bpraturi100@yahoo.co.in / 9422806417	Representative, MECL
28	Shri Yogesh Sharma GM(BD&P/E)	MECL yogesh21@hotmail.com / 9422806417	Representative, MECL
29	Shri Shekhar Saran CMD	CMPDIL	Invitee
30	Shri B.N. Shukla Director	CMPDIL dtcrd.cmpdi@coalindia.in / 9434795500	Representative of CMPDIL
31	Shri Alok Sharma GM(Exploration)	CMPDI aloksharma360@gmail.com 8987789065	Representative of CMPDIL
32	Shri A. K. Gupta DDG	DGCO, GSI, New Delhi 9718373777	Invitee
33	Dr. J. Bagchi Director (Tech.)	Ministry of Mines dirtech.mom@nic.in / 9868918087	Invitee
34	Shri Pradeep Singh Director	NMET nmet-mines@gov.in / 9810233957	NMET Cell
35	Shri Maneesh Khar Director	NMET nmet-mines@gov.in / 9462036108	NMET Cell
36	Shri Y.S. Bhamboo Senior Geologist	NMET nmet-mines@gov.in / 9672666707	NMET Cell
37	Smt. Rupa Kundu Senior Geologist	NMET nmet-mines@gov.in / 8901518944	NMET Cell
38	Shri Rajendra Prasad Asst. Director	NMET nmet-mines@gov.in /8368185922	NMET Cell
39	Shri Shashikant ACAO	NMET nmet-mines@gov.in / 9015585789	NMET Cell
40	Shri Ashok Kumar Meena ASO	NMET nmet-mines@gov.in/ 9891958260	NMET Cell

Annexure-II

Details of ongoing projects reviewed in 14th TCC meeting held on 21st& 22nd May, 2018

Sl. No.	Block Name & Implementing Agency	Commodity	Stage	Recommendation
1	Nagar-Untari Area, District-Garhwa, Jharkhand (MECL)	Andalusite	G-4	No prospect could be delineated. No further exploration is required.
2	Kusumarja& Adjoining Areas, District-Giridih, Jharkhand (MECL)	Cu, Pb& Zn	G-4	No mineralized band with reasonable strike length. Hence, report may be submitted.
3	Pihra area, Districts: Giridih & Kodarma, Jharkhand (MECL)	Tin	G-4	Further exploration is not warranted at this stage.
4	Bachkakocha and Tankocha Area, Saraikela-Kharsawan, Jharkhand (MECL)	Base Metals & Gold	G-4	Results are not encouraging. May be concluded with the submission of report.
5	Kachola-Amargarh-Jhikri Area, District: Bhilwara, Rajasthan (MECL)	Basemetal, Gold & REE	G-4	Depending on the surface samples values, 3 boreholes with 60m vertical intersections to be drilled at location of anomalous surface samples to check the strike continuity along the prospective contact.
6	Ambadala – Sunakhunti Area, District: Rayagada, Odisha (MECL)	Manganese	G-4	MECL has identified 6 manganese bearing zones. GSI is presently working near Anjuri and planned to takeup exploration work in Rukniburi, Paikranipinda and Sunakhunti villages. Hence, further surface geological works are required in Kusumguda Area before taking up drilling. Therefore, pitting and trenching in Kusumguda area can be taken up at 25m interval and if the results are positive the decision for further exploration by drilling will be taken.
7	Jumka –Pathariposhi block, Dist: Sundargarh, Odisha (MECL)	Iron Ore	G-2	Committee approved to take up 4 pits for estimation of the Lumps & Fine ratio.
8	Chelima-Bhimasamudram Area, District: Kurnool & Prakasham, Andhra Pradesh (MECL)	Diamond	G-4	As decided in 6thEC, MECL has to bear the cost of heavy mineral separation for 40 samples from NMDC. The petrographic studies of 3 samples were approved.
9	Iswal-Selu-Kathar-Tula (Thala) Area, District: Udaipur, Rajasthan	Basemetal	G-4	Basemetal values are not encouraging but a magnesite zone was delineated. The Technical

	(MECL)			Committee in 11th meeting recommended 16 boreholes of 30m depth each on magnesite and 4 boreholes on dolomite body to assess the grade of dolomite.
10	Tirumankaradu Block, Tirupur- District, Tamil Nadu (KIOCL)	Iron Ore	G-4	The work may be continued for 2nd stage which includes pitting & trenching and geophysical work as per earlier approved quantity.
11	Udbur Block, District-Mysore, Karnataka (KIOCL)	Gold	G-4	As Gold values are not encouraging, there should be no further exploration for Gold but Ni & Cr anomaly zones may be targeted for further investigation. • Rs. 1,56,200 (plus GST) are approved for analyses of Silver as well as 08 samples for PGE for Stage-1 work.

Annexure-III

Mineral Exploration Projects/Blocks approved by 8th Executive Committee on 12.06.2018

Implementing Agency: DMG Telangana
(Commodity: Limestone)

Sl. No.	Cluster Name	Block Name	G-4 (Rs. in Lakhs)	G-3 (Rs. in Lakhs)	G-2 (Rs. in Lakhs)	Total (Rs. in Lakhs)
1	**Cluster-1**	Mellacheruvu Block	63.32	73.30	125.58	655.82
2		MallareddyGudem Block		80.06	107.15	
3		YepalMadhavaram Block		86.27	120.14	
4	**Cluster-2**	Mattampally Block- 1	47.90	72.61	120.04	394.23
5		Mattampally Block- 2		61.21	92.47	
6	**Cluster-3**	Raghunathapalem Block- 1	47.55	72.26	120.03	390.17
7		Raghunathapalem Block- 2		59.62	90.71	
8	**Cluster-4**	Wazigudem Block	43.72	77.68	129.81	430.37
9		Veerappagudem Block		70.68	108.48	
10	**Cluster-5**	Ramapuram Block	33.81	51.93	109.74	195.48
11	**Cluster-6**	Dondapadu Block	47.90	70.68	125.48	396.87
12		Kothagudem Block		51.93	100.88	
13	**Cluster-7**	Jiwangi- 1 Block	47.55	41.57	81.10	308.05
14		Jiwangi- 2 Block		47.96	89.87	
15	**Cluster-8**	Malkapur Block	34.31	47.26	124.31	205.88
		Total	**366.06**	**965.02**	**1645.79**	**2976.87**

Implementing Agency: KIOCL

Sl. No.	Block Name	Stage	Duration	Estimated Cost (Rs. in Lakhs)
1	Poomedu Iron Ore Block, Tirpur & Karur Districts, Tamil Nadu	G-4	6 months	**52.61**

Implementing Agency: MECL

Sl. No.	Block Name	Commodity	Stage	Duration	Estimated Cost (Rs. in Lakhs)
1	Jamodi Mahanna (Part-B) Block, Tehsil – Raghurajnagar, District: Satna, Madhya Pradesh	Limestone	G-2	10 months	262.62
2	Kuhi – Khobna –Agargaon gap areas, District: Nagpur, Maharashtra	Tungsten	G-4	8 months	126.56
3	C-sub Block of Malangtoli Iron Ore Deposit, Districts: Sundargarh & Kendujhar, Odisha	Iron Ore	G-3	12 months	1201.55
4	H-sub Block of Malangtoli Iron Ore Deposit, Districts: Sundargarh & Kendujhar, Odisha	Iron Ore	G-3	12 months	1027.64
				Total	**2618.37**

Implementing Agency: DGM Chhattisgarh

Sl. No.	Block Name	Commodity	Stage	Duration	Estimated Cost (Rs. in Lakhs)
1	Dumarguda Block, Dist. Surguja	Bauxite	G-3	10 months	65.51
2	Murtadand Block, Dist. Surguja	Bauxite	G-3	8 months	47.58
3	Dandkesra North Area Mainpat Dist. Surguja	Bauxite	G-3	8 months	37.98
4	Parpatia Area Mainpat Dist. Surguja	Bauxite	G-3	10 months	177.24
5	Khamardih-Gatadih Area, Distt. Raigarh	Limestone	G-3	6 months	34.97
6	Khairha Area, Distt. Raigarh	Limestone	G-3	6 months	36.82
7	North Bailadila Area, Dist.-Raigarh	Iron Ore	G-4	12 months	91.48
8	Hurtarai Area Block, Dist.-Kanker	Iron Ore	G-4	12 months	90.77
9	Rowghat Block, Dist. Kanker	Iron Ore	G-4	12 months	90.77
10	Rajhara Block, Dist. Balod	Iron Ore	G-4	12 months	91.48
11	Salhewara Block, Dist. Rajnandgaon	Iron Ore	G-4	12 months	91.48
12	Narayanapur Block, Dist. Narayanapur	Iron Ore	G-4	12 months	73.15
13	Notified Area Block, Dist. Kanker	Iron Ore	G-4	12 months	63.55
14	Aturbeda Area Block, Dist. Kanker	Iron Ore	G-4	12 months	79.19
				Total	**1071.97**

Total cost of new projects approved: Rs. 6719.82 Lakh