

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

Sanction Order

F.No.23/440/2024-NMET/595

New Delhi, 12th March, 2024

Subject: Approval of mineral exploration project and release of 1st Advance of Grant-in-Aid (General) for "Preliminary Exploration (G-3) for Manganese in Nagardhan Block (2.00 sq. km), Nagpur District, Maharashtra."

On the recommendation of Technical-cum-Cost Committee (TCC) of NMET, the Secretary, Mines and Chairman, Executive Committee (EC) has approved mineral exploration project to be executed by MECL. The details of the block are given below:

S. No.	Project/Block Name	Commodity	Stage	Duration (Months)	Approved Cost (Including GST).
1	Preliminary Exploration (G-3) for Manganese in Nagardhan Block (2.00 sq. km), Nagpur District, Maharashtra	Manganese	G3	11 (up to 11.02.2025)	₹ 1,30,65,806/-

2. The mineral exploration project will be funded by NMET as per the cost recommended by the TCC and approved by the EC. The Implementing Agency shall complete the same as per the approved cost estimates and time schedule, enclosed in **Annexure**, as summarized below:-

- **Field Mobilization** : 1st month (up to 11.04.2024).
- **Exploration** : 2nd to 8th month (up to 11.11.2024).
(Mapping, Sampling, Survey, Pitting/Trenching & Drilling)
- **Laboratory Studies** : 3rd month to 10th month (up to 11.01.2025)
- **Report Writing with Peer Review and submission to NMET** : 10th month to 11th month (up to 11.02.2025)

3. The Implementing Agency shall submit progress on monthly basis to NMET Secretariat. The TCC, NMET shall review the progress of project and provide update to the Executive Committee.

4. Sanction is also hereby conveyed for release of the 1st installment of 40% of the approved procurement project cost i.e ₹52,26,322/- (**₹Fifty two lakh twenty six thousand three hundred twenty two only**) as an advance in terms of conditions stipulated in this office letter no. 6/9/2015-NMET/340 dated 09th February, 2023 regarding "Release of funds to State Government for Procurement of Machinery and equipment for mineral exploration".

5. The expenditure will be debited to '2853' Non-Ferrous Mining and Metallurgical Industries (Major Head) 02-Regulation and Development of Mines (Sub-Major head) 102-Mineral Exploration (Minor Head) 05-National Mineral Exploration Trust Fund Activities (Sub-Head) 00-National Mineral Exploration Trust Fund Activities (Detailed-Head) 05.00.31-Grant-in-aid (General) under Demand No. 69, Ministry of Mines during the financial year 2023-24.

6. Certified that the pattern of assistance, under which the Grants-in-Aid (General) has been sanctioned, has the prior approval of Ministry of Finance.


7. MECL is a registered agency on EAT module of PFMS. In terms of **Rule 230, 235, 236 and 238 of GFR**, MECL should maintain subsidiary accounts of the Government Grants and furnish the same to the Principal Accounts Office of the Ministry. The account shall be open to inspection by the Sanctioning Authority and audit, both by the Comptroller and Auditor General of India and internal audit by the Principal Accounts Office of the Ministry of Mines, whenever the Organization is called upon to do so.

8. The exploration agency has to furnish the utilization certificate in respect of amount disbursed as Grant-in-aid for the project on utilization of disbursed amount or after completion of one year from the date of disbursement of advance, whichever is earlier. The next installment of advance will be released after submission of utilization certificate and progress report in respect of the 1st installment.

9. Shri Arun Kumar Chail, Section Officer in the Ministry will be the Drawing and Disbursing Officer for this purpose. It is requested that the payment of **₹52,26,322/- (₹Fifty two lakh twenty six thousand three hundred twenty two only)** may kindly be made to the Mineral Exploration and Consultancy Ltd, Dr. Babasaheb Ambedkar Bhawan, Seminary Hills, Nagpur – 440006 through RTGS in State Bank of India, Industrial Finance Branch, Nagpur (IFSC Code – SBIN0000432, Account No. 10374783387)

10. This has concurrence of JS &FA, Mines vide Note# 10 dated 12.03.2024 (E file No. 3074962).

Yours faithfully,


(Vivek Kumar Sharma) 12.03.24
Director & HoD, NMET

Copy for information and further necessary action:

1. The Chairman & Managing Director, Mineral Exploration and Consultancy Ltd. (MECL), Dr. Babasaheb Ambedkar Bhawan, Seminary Hills, Nagpur – 440006.
2. Dr. S. Ravi, Dy. Director General and Chairman, TCC-NMET, Geological Survey of India, SU: Karnataka & Goa, Bangalore-560078.
3. I.F. Division, Ministry of Mines, Shastri Bhawan, New Delhi.
4. Executive Committee (EC) Meeting file (F.No.6/2/2015-NMET)
5. Grant-in aid Sanction order file.

Annexure 2A							
Estimate Cost for Preliminary Exploration (G3) for manganese in Nagardhan blocks, District: Nagpur, Maharashtra. [Block area- 2.00 sq. km; Timeline- 11 months Review : 5 months, BH : 8 nos, Drilling: 500m]							
S. No.	Item of Work	Unit	Rates as per NMETSoC 2020-21		Estimated Cost of the Proposal		Remarks
			SoC-Item -SI No.	Rates as per SoC	Qty.	Amount (Rs)	
A	GEOLOGICAL WORK						
1	Borehole logging, sampling & Report writing						
i	Charges for one Geologist-Field	day	1.2	11,000	120	13,20,000	
ii	Charges for one Geologist per- HQ	day	1.2	9,000	40	3,60,000	
iii	2 labours/ party (Rs 504/day/labour) (As per rates of Central Labour Commissioner)	day	5.7	504	240	1,20,960	Amount will be reimburse as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
iv	Trench and Core Sampling -1 Samplers	day	1.5.2	5,100	18	91,800	
v	4 labours/ party for smpling (Rs 504/day/labour) (As per rates of Central Labour Commissioner)	day	5.7	504	72	36,288	Amount will be reimburse as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
2	Survey (on 1:4000 Scale)						
i	Bore Hole Fixation and determination of co-ordinates & Reduced Level of the boreholes by DGPS and boundary coordinates	Per Point of observation	1.6.2	19,200	12	2,30,400	8 BHs and 4 boundary coordinates one base station
ii	Charges of Surveyor	one surveyor per day	1.6.1a	8,300	15	1,24,500	

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iii	Labours Charges for survey work; Base rate - Rs.504	day	5.7	504	60	30,240	Amount will be reimburse as per the notified rates for unskilled labor by the Central Labour Commissioner or respective State Govt. whichever is higher
Sub Total- A						23,14,188	
B	PITTING AND TRENCHING						
i	Trenching (1m x 2mx 10 m) x 7 trenches	Cu m	2.1.1	3330	140	4,66,200	
Sub Total- B						4,66,200	
C	DRILLING						
i	Drilling upto300m (Hard Rock) (1 rigs)	m	2.2.1.4a	11,500	500	57,50,000	
ii	Borehole deviation Survey	m	2.2.6	330	500	1,65,000	
iii	Land / Crop Compansation	per BH	5.6	20,000	8	1,60,000	Amount will be reimburse as per actuals or max. Rs. 20000 per BH with certification from local authorities
iv	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7a	2,000	8	16,000	
v	Transportation of Drill Rig & Truck associated per drill	Km	2.2.8	36	100	3,600	Certification in this regard is required to be provided
vi	Monthly Accomodation Charges for drilling Camp (up to 2 Rigs)	month	2.2.9	50,000	2	1,00,000	
vii	Drilling Camp Setting Cost	Nos	2.2.9a	2,50,000	1	2,50,000	
viii	Drilling Camp Winding up Cost	Nos	2.2.9b	2,50,000	1	2,50,000	
ix	Approach Road Making (Flat Terrain)	Km	2.2.10a	22,020	3	66,060	Road Making will be considered as per the requirement and Road Making Charges will be reimbursed later
x	Core Preservation: One complete borehole plus mineralised cores of all the remaining Bhs	m	5.3	1,590	150	2,38,500	This amount will be reimbursed after successful delivery of the cores to concerned libraries/authorities

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	Sub Total- C					69,99,160	
D	LABORATORY STUDIES						
1	Chemical Analysis						
i	Primary & Check samples						
	a. Primary Samples for 6 radical (Mn, SiO ₂ , P ₂ O ₅ , Fe ₂ O ₃ , MnO ₂ and Insolubles)	Nos	4.1.7a + 7b	2,841	130	3,69,330	Trench-50, BH-80
	b-Internal (5%) Check samples for 6 radical (Mn, SiO ₂ , P ₂ O ₅ , Fe ₂ O ₃ , MnO ₂ and Insolubles)	Nos	4.1.7a + 7b	2,841	-	-	
	c-External(10%) Check samples from NABL Lab for 6 radical (Mn, SiO ₂ , P ₂ O ₅ , Fe ₂ O ₃ , MnO ₂ and Insolubles)	Nos	4.1.7a + 7b	2,841	13	36,933	
iii	Composite samples for Manganese	Nos	4.1.7a + 7b	2,841	-	-	
2	Physical & Petrological Studies						
i	Preparation of thin section	Nos	4.3.1	2,353	10	23,530	
ii	Complete petrographic study report	Nos	4.3.4	4,232	10	42,320	
iii	Preparation of polished section	Nos	4.3.2	1,549	10	15,490	
iv	Complete mineragraphic study report	Nos	4.3.4	4,232	10	42,320	
v	Digital Photographs	Nos	4.3.7	280	10	2,800	
vi	Whole Rock Analysis (Major oxide and 8 additional trace elements)	Nos	4.1.15a& b	7,568	-	-	
vii	Specific gravity studies	Nos	4.8.1	1,605	5	8,025	
viii	Bulk Density Determination	Nos	4.10	3,540	-	-	
	Sub Total- D					5,40,748	

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E	Total A to D					1,03,20,296	
F	Geological Report Preparation		5.2	For the projects having cost exceeding Rs. 50 lakhs but less than Rs. 150 lakhs - A minimum of Rs. 2.5 lakhs or 5% of the value of work whichever is more		5,16,015	Reimbursement will be made after submission of the final Geological Report in Hard Copies (5 Nos) and the soft copy to NMET.
G	Peer review Charges		As per EC decision			30,000	
H	Preparation of Exploration Proposal (5 Hard copies with a soft copy)	5 Hard copies with a soft copy	5.1	2% of the Cost or Rs.5 Lakhs whichever is lower		2,06,405.92	EA has to submit the Hard Copies and the soft copy of the final proposal along with Maps and Plan as suggested by the TCC-NMET in its meeting while clearing the proposal.
I	Total Estimated Cost without GST					1,10,72,716.72	
J	Provision for GST (18% of I)					19,93,089.01	GST will be reimburse as per actual and as per notified prescribed rate
K	Total Estimated Cost with GST					1,30,65,805.73	or Say Rs. 130.66 Lakh
Note:							
1	If any part of the project is outsourced, the amount will be reimbursed as per the Paragraph 3 of NMETSoC and Item no. 6 of NMETSoC. In case of execution of the project by NEA on its own, a Certificate regarding non outsourcing of any component/project is required.						

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Annexure 2B

Time Schedule / Action Plan for Preliminary Exploration (G-3) for Manganese in Nagardhan Block, Districts: Nagpur, Maharashtra [Block area-2.00 sq. km; Schedule timeline- 11 months]														
S. No.	Particulars	Months	1	2	3	4	5	Review	6	7	8	9	10	11
1	Camp Setting	Months												
2	Survey Party days (1 Party)	days												
3	Trenching / Pitting	cu.m												
4	Drilling (1 rig)	m												
5	Geologist Party days (1 Party)	days												
6	Sampling days for Trench & Core Sampling (1 Party)	days												
7	Camp winding	Months												
8	Laboratory Studies	days												
9	Geologist days, HQ	days												
10	Report Writing with Peer Review	days												

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