

Government of India
Ministry of Mines
National Mineral Exploration Trust
Sanction Order

F.No. 23/532/2024-NMET/ 591

New Delhi, 13th December, 2024

Subject: Approval of mineral exploration project and release of 1st Advance of Grant-in-Aid (General) for the project "Reconnaissance Survey (G-4) for REE & associated minerals in and around Langmipi- Laching Thing Area (124.68 Sq.km), West Karbi Anglong district, Assam.

Agency: - MECL

On the recommendation of Technical-cum-Cost Committee (TCC) of NMET, the Executive Committee (EC) in its 38th meeting held on 29th November, 2024 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	Reconnaissance Survey (G-4) for REE & associated minerals in and around Langmipi- Laching Thing Area (124.68 Sq.km), West Karbi Anglong district, Assam.	REE & associated minerals	G-4	15 Months (up to 12.03.2026)	₹4,57,15,562/-

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	1 st month (up to 12.01.2025).
•	Exploration (Camp Setting, Sampling, Survey, Pitting/Trenching & Drilling, Core/Camp winding)	2 nd to 13 th month (up to 12.01.2025).
•	Laboratory Studies	6 th month to 13 th month (up to 12.01.2025)
•	Report Writing with Peer Review and submission to NMET	13 th month to 15 th month (up to 12.03.2025)

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 instalment of 40% of the estimated project cost i.e ₹1,82,86,225/- (₹ One crore eighty two lakh eighty six thousand two hundred twenty five only) as an advance in terms of conditions stipulated in this office letter no. 42/1/2017-NMET/176 dated 16th December 2021 and letter no. 42/1/2017-NMET/217 dated 19th January 2022 regarding "Release of funds to State Government / NEAs 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 2024-25.

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. The uploading of Geological Report (GR) on NGDR portal is sole responsibility of the exploration agency. The final payment will be made only after receiving the confirmation of the same. The screenshot/acknowledgement of successful uploading of GR is to be submitted to NMET with the final bill.

10. 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 ₹1,82,86,225/- (₹ One crore eighty two lakh eighty six thousand two hundred twenty five 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)

11. This has concurrence of JS & FA, Mines vide Note# 11 dated 12.12.2024 (E file No. 3077141).

Yours faithfully,



(Geetika Sharma)

Deputy Secretary & HoD, NMET

To

The Pay & Accounts Officer,
Pay & Accounts Office,
Ministry of Mines, New Delhi

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. I.F. Division, Ministry of Mines, Shastri Bhawan, New Delhi.
3. Executive Committee (EC) Meeting file (F.No.6/2/2015-NMET)
4. Grant-in aid Sanction order file.

Annexure 4A								
Estimate cost for Reconnaissance Survey (G4) for REE & associated minerals in and around Langmipi - Laching Thing Area (124.68 sq. km), West Karbi Anglong District, Assam								
Total Area - 124.68 sq km; Scout Boreholes: 5 Nos, Average Depth: 100 m Completion Time -15 Months (After Receipt of NoC), Review after 8 Months								
ANNEXURE-I								
S.N	Item of Work	Unit	Rates as per NMET SoC 2020-21			Estimated Cost of the Proposal		Remarks
			SoC-Item - Sl No.	Rates as per SoC	Rates as per SoC North Eastern States and Hilly Terrain of Himalaya (3.35 times than the normal SoC rate)	Qty.	Total Amount (Rs)	
A	GEOLOGICAL WORK							
a	Charges for Geologist at HQ for data processing	day	1.3	9,000	-	60	5,40,000	
b	Charges for Geologist at field for LSM mapping at 1:12500 scale, Surface sampling, Pitting and Scout Drilling	day	1.2	11,000	36,850	180	66,33,000	Hilly Terrain with Forest area
c	Labour Charges for Geologist at Field	day	5.7	522	1,749	360	6,29,532	Amount will be reimburse as per

ANNEXURE X/4

								the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
d	Charges for Sampler for geochemical, channel, Pit and BH Core Samples	one sampler per day	1.5.2	5,100	17,085	45	7,68,825	
e	Labour Charges for Sampling Work; Base rate - Rs. 522/ per day	day	5.7	522	1,749	180	3,14,766	Amount will be reimburse as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
	Sub-Total A						88,86,123	
B	PITTING							
a	PITTING	Cum	2.1.2	3,800	12,730	90	11,45,700	A total 60 Nos of Pit with average Depth of 1.50m = 60 X 1.5 m = 90 m
	Sub-Total B						11,45,700	




C	DRILLING (Subjected to REE potentiality of Block in Primary /Secondary dispersion), after review)								
1	Core Drilling up to depth of 300m - Hard Rock	m	2.2.1.4 _a	11,500	38,525	500	1,92,62,500		
2	Fixation of borehole and determination of co-ordinates & Reduced Level (RL) of the boreholes by DGPS (including charges for labours deployed for the work)	Per point of observation	1.6.2	19,200	64,320	5	3,21,600	5 Scout BHs	
3	Land / Crop Compensation (in case the BH falls in agricultural Land)	per BH	5.6	20,000	67,000	5	3,35,000		
4	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7a	2,000	6,700	5	33,500		
5	Transportation of Drill Rig & Truck associated per drill	Km	2.2.8	36	121	4,400	5,30,640	Approx 4400 km to & fro from Nagpur/ Rig	
6	Monthly Accommodation Charges for drilling Camp (up to 2 Rigs)	month	2.2.9	50,000	1,67,500	3	5,02,500		
7	Drilling Camp Setting Cost	Nos	2.2.9a	2,50,000	8,37,500	1	8,37,500		
8	Drilling Camp Winding up Cost	Nos	2.2.9b	2,50,000	8,37,500	1	8,37,500		
9	Road Making (Hilly Terrain)	Km	2.2.10b	32,200	1,07,870	5	5,39,350		
10	Drill Core Preservation	Per m	5.3	1,590	5,327	200	10,65,300		
	Sub-Total C						2,42,65,390		

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D	Sub Total A to C								3,42,97,213	
E	LABORATORY STUDIES									
1	Chemical Analysis									
	Primary Samples Surface + Pit + Heavy Minerals + BH Core Samples)									
i)	Primary samples									
	REE associated Trace Elements (34 Element) by ICPMS	Nos	4.1.14	7,731	275	21,26,025				Surface samples-110 (60 Stream Sediment, 50 BRS) Pit sample- 55 (For Soil Profile Sampling) Orientation Sample-10 (5 Pit X 2 samples from B and C Horizon) Core Sample: 100
ii)	External check samples (10%)									
	REE associated Trace Elements (34 Element) by ICPMS	Nos	4.1.14	7,731	28	2,12,603				
iii)	Whole Rock Analysis for Major Oxides by XRF technique	Nos	4.1.15a	4,200	20	84,000				
2	Physical & Petrological Studies									

ANNEXURE X/7

i)	Preparation of thin section	Nos	4.3.1	2,353		15	35,295	
ii)	Complete petrographic study report	Nos	4.3.4	4,232		15	63,480	
iii)	Preparation of polish section	Nos	4.3.2	1,549		15	23,235	
iv)	Complete mineragraphic study report	Nos	4.3.4	4,232		15	63,480	
v)	Digital Photographs	Nos	4.3.7	280		20	5,600	
vi)	SEM Study	Hour	4.4.2	2,940		-	-	
vii)	EPMA Study	Hour	4.4.1	8,540		15	1,28,100	
viii)	XRD Study	Nos	4.5.1	4,000		15	60,000	
	Sub-Total -E						28,01,818	
F	Total D+E						3,70,99,031	
I	Geological Report Preparation	5 Hard copies with a soft copy	5.2	For the projects having cost exceeding Rs 300 Lakh, A minimum of Rs 9 Lakh or 3% of the work whichever more and Rs			11,12,971	EA has to submit the final Geological Report in Hard Copies (5 Nos) and the soft copy to NMET.

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W. J. L. B. S.

M	Provision for GST (18% of L)	%							69,73,560	GST will be reimburse as per actual and as per notified prescribed rate
N	Total Estimated Cost with GST								4,57,15,562	
or Say Rs. , In Lakhs:										
Note :									457.16	
\$	Trenching/Pitting dimensions are tentative may vary depending upon the geology and field conditions									
#	2nd level of work shall be carried out after review of 1st level work i.e. Geological mapping, geochemical sampling and analysis									
Note - If any part of the project is outsourced, the amount will be reimbursed as per the Paragraph 3 of NMET SoC and Item no. 6 of NMET SoC. In case of execution of the project by NEA on its own, a Certificate regarding non outsourcing of any component/project is required.										




Annexure 4B														
Time Schedule/ Action plan for Reconnaissance Survey (G-4 Stage Exploration) For REE & associated minerals in and around Langmipi - Laching Thing Area, Districts: West Karbi Anglong, State: Assam														
	1	2	3	4	5	6	7	8	Review					
1	Camp Setting													
2	Geological Party Days													
3	Pitting & Sampling													
4	Heavy Mineral Separation/ Sample Preparation													
5	Laboratory Studies													
6	DGPS survey /BH Fixation													
8	Core Dilling													
9	Camp Winding													
10	Geologist Party days, HQ													
11	Geological Report Writing													
12	Peer Review													


