

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

F.No.23/453/2024-NMET/ 78

New Delhi, 17th May, 2024

Subject: Approval of mineral exploration project and release of 1st Advance of Grant-in-Aid (General) for "Preliminary Exploration(G-3) for Glauconite Sandstone in Jhari block(5.1 sq.km.), Satna district, Madhya Pradesh."

On the recommendation of Technical-cum-Cost Committee (TCC) of NMET, Secretary, Mines and Chairman, Executive Committee (EC) 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 Glauconite Sandstone in Jhari block(5.1 sq.km.), Satna district, Madhya Pradesh.	Glauconite	G3	09 (up to 16.02.2025)	₹ 72,40,770/-

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 to 3rd month (up to 16.08.2024).
- **Exploration** : 4th to 8th month (up to 16.01.2025).
(Mapping, Sampling, Survey Drilling & Camp Winding)
- **Laboratory Studies** : 06th month to 09th month (up to 16.02.2025)
- **Report Writing with Peer Review and submission to NMET** : 08th month to 09th month (up to 16.02.2025)

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 instalment of 40% of the estimated project cost i.e. **₹28,96,308/- (₹Twenty eight lakh ninety six thousand three hundred and eight 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 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 Nagpur, 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 instalment of advance will be released after submission of utilization certificate and progress report in respect of the 1st instalment.

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 hereby conveyed for release of the 1st instalment of 40% of the estimated project cost i.e. ₹28,96,308/- (**₹Twenty eight lakh ninety six thousand three hundred and eight 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, Current Account No. 10374783387)

10. This has concurrence of JS &FA, Mines vide Note# 14 dated 16.05.2024 (E file No. 3075315).

Yours faithfully,


(Maneesh Kumar)

Deputy Secretary & 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, GSI SU: Karnataka & Goa, Bengaluru-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 4A							
Cost Estimate for Preliminary exploration (G-3) for Glauconitic Sandstone in Jhari block (5.1 sq.km), Satna district, Madhya Pradesh Total Area - 5.1Sq. Km; Completion Time - 9 Months, Review - 4 months, BH-5, Drilling- 250m							
Sl. No.	Item of Work	Unit	Rates as per NMET SoC 2020-21		Total Cost of the Project		Remarks
			SoC- Item- S. No.	Rates as per SoC	Qty.	Total Amount (Rs)	
1.0	Geology & Survey						
1.1	Geologist man days (1 No.) for geological map & Report (HQ)	days	1.2	9,000	30	2,70,000	
1.2	Geologist man days for Geological Mapping and Topographical Survey in 1:4000 scale (Field) Sampling	days	1.3	11,000	70	7,70,000	
1.3	Labour Mapping (Field) (2 workers per geologist)	per worker	5.7	504	140	70,560	Amount will be reimburse as per the notified rates by the Central Labour Commissioner (Rs. 431/- per day) or respective State Govt. whichever is higher
1.4	Sampling man days - Sampler (Geochemical/Trenching/Pitting) Labour charge not included	day	1.5.2	5,100	17	86,700	
1.5	4 labours/ party (Rs 431/day/labour) (As per rates of Central Labour Commissioner) for sampling work	day	5.7	504	68	34,272	Amount will be reimburse as per the notified rates by the Central Labour Commissioner (Rs. 431/- per day) or respective State Govt. whichever is higher

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1.6	Determination of co-ordinates and Reduced Level (RL) of boreholes by DGPS	Nos.	1.6.2	19200	5	96,000	5 BH Points
1.7	Charges for one surveyor (1 Party)	day	1.6.1a	8300	20	1,66,000	Topographical Survey on 1:4000 scale
1.8	4 labours/ party (Rs 431/day/labour) (As per rates of Central Labour Commissioner) for sampling work	Nos.	5.7	504	80	40,320	Amount will be reimburse as per the notified rates by the Central Labour Commissioner (Rs 431.- per day) or respective State Govt whichever is higher
Sub-Total 1							15,33,862
2.0	Drilling						
2.1	Drilling -Medium hard rock (100m to 300m)	m	2.2.1.3a	10,100	250	25,25,000	5 no of boreholes with max depth 50m, if panna shale is intercepted earlier borehole will be closed in panna shale.
2.2	Land / Crop Compensation (in case the BH falls in agricultural Land)	per BH	5.6	20,000	5	1,00,000	
2.3	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7a	2,000	5	10,000	
2.4	Transportation of Drill Rig & Truck associated per drill (for 1 rig)	Km	2.2.8	36	1100	39,600	to & fro
2.5	Monthly Accommodation Charges for drilling Camp (up to 1 Rigs)	month	2.2.9	50,000	2	1,00,000	
2.6	Drilling Camp Setting Cost	Nos	2.2.9a	2,50,000	1	2,50,000	
2.7	Drilling Camp Winding up Cost	Nos	2.2.9b	2,50,000	1	2,50,000	
2.8	Road Making (Flat Terrain)	Km	2.2.10a	22,020	3	66,060	As per actuals
2.9	Drill Core Preservation	per m	5.3	1,590	150	2,38,500	
Sub-Total 2							36,79,160
3.0	Laboratory Studies						
3.1	Primary + Check Sample - 4 radicals viz K ₂ O, SiO ₂ , Al ₂ O ₃ & Fe ₂ O ₃ . xRF	per sample	4.1.15a	4,200	138	5,79,600	sampling at 1m sample length, 25m zone per bh, 125 primary samples and 13 external samples

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3.2	Bulk Density	per sample	4.10	3,540	4	14,160	
Sub-Total 3							5,93,760
Total (1.0 to 3.0)							67,06,772
4.0	Preparation of Exploration Proposal	Nos	5.1	2% of the cost or Rs. 5.00 lakh - whichever is lower	1	1,14,136	EA has to submit the Hard Copies and the soft copy of the final proposal along with Maps and Plan as suggested by the TOC- NMET in its meeting while clearing the proposal.
5.0	Geological Report Preparation	Nos	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 and Rs. 3000/- per each additional copy.	1	2,85,338.60	EA has to submit the final Geological Report in Hard Copies (5 Nos) and the soft copy to NMET.
6.0	Report Peer Review Charges	lumpsum	As per EC decision		1	30,000	
Total Estimated Cost without GST							61,36,246
Provision for GST (18%)							11,04,524
Total Estimated Cost with GST							72,40,770
Say Rs. in Lakhs							72.41
Note:							
1	Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.						
2	In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement.						
3	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.						
4	Necessary efforts should be made to minimize any adverse impact on the environment during exploration activities.						

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Annexure 4B											
Time Schedule/ Action Plan for Preliminary exploration (G-3) for Glauconitic Sandstone in Jhari block (5.1 sq.km), Satna district, Madhya Pradesh											
S.No.	Activities	MONTHS									
		1	2	3	4	5	6	7	8	9	
1	Forest Clearance										
2	Camp setting										
3	Geological mapping										
4	Core drilling (1 rig)										
5	Geologist days (Field)										
6	Sampling days, core sampling										
7	Camp winding										
8	Laboratory studies										
9	Geologist days (HQ)										
10	Report writing/ Peer review										

P. S. Singh
18/11/2024

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08/11/2024