

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

F.No.23/483/2024-NMET/ 303

New Delhi, 29th Aug, 2024

Subject: Approval of mineral exploration project and release of 1st Advance of Grant-in-Aid (General) for " Preliminary exploration (G-3) of Tungsten and Tin ore in Murara-Devendrapura Block, District-Niwari, Madhya Pradesh."

Agency: MECL

On the recommendation of Technical-cum-Cost Committee (TCC) of NMET the Executive Committee (EC) in its 36th EC meeting held on 29th July 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	Preliminary exploration (G-3) of Tungsten and Tin ore in Murara-Devendrapura Block, District-Niwari, Madhya Pradesh	Tungsten and Tin Ore	G3	12 Up to 28.08.2025	₹3,08,80,588/-

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 28.08.2024).
- **Exploration** 2nd to 08th month (up to 28.04.2025).
(Mapping, Sampling, Survey, Pitting/Trenching & Drilling, Camp winding)
- **Laboratory Studies** 4th month to 9th month (up to 28.05.2025)
- **Report Writing with Peer Review and submission to NMET** 9th month to 12th month (up to 28.08.2025)

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 ₹1,23,52,235/- (₹ One crore twenty three lakh fifty two thousand two hundred and thirty 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.

ANNEXURE-X/2

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 **₹1,23,52,235/- (₹ One crore twenty three lakh fifty two thousand two hundred and thirty 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)
10. This has concurrence of JS &FA, Mines vide Note# 17 dated 27.08.2024 (E file No 3075891).

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. 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.

Estimated cost for Preliminary exploration (G-3) of Tungsten and Tin ore in Murara - Devendrapura Block, District-Niwari, Madhya Pradesh
Total Area - 4.16 Sq. Km; Drilling-11(7 Murara+ 4 Devendrapura) boreholes, 1250 m , Completion Time - 12 Months, Review - 6 months

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- GM 1:2000						
1.1	Geologist (Field) man days for core logging/mapping/ Sampling/topographic survey	days	1.3	11,000	180	19,80,000	
1.2	Unskilled Labour (Field) (2 workers per geologist)	per worker	5.7	522	360	1,87,920	Amount will be reimburse as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
1.3	Survey Party Days for topographic survey	days	1.6.1a	8300	40	3,32,000	
1.4	Unskilled Labour (Survey) (4 workers per Surveyer)	Days	5.7	522	160	83,520	Amount will be reimburse as per the notified rates by the Central Labour Commissioner or respective State Govt.

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ANNEXURE-X/4

							whichever is higher
1.5	Sampling man days - Sampler (core sample,) Labour charge not included	day	1.5.2	5,100	81	4,13,100	
1.6	4 labours/ party (Rs 431/day/labour) (As per rates of Central Labour Commissioner) for sampling work	day	5.7	522	324	1,69,128	Amount will be reimburse as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
1.7	Determination of co-ordinates and Reduced Level (RL) of boreholes by DGPS including boundary corner points.	Nos.	1.6.2	19200	19	3,64,800	Boreholes 11 Nos. + Block Boundary 08 Nos.
Sub-Total 1						35,30,468	
2.0	Excavation						
2.1	Pitting/Trenching (upto 2m)	Cu.m	2.1.1	3,330	180	5,99,400	
Sub-Total 2						5,99,400	
3.0	Drilling						
3.1	Drilling -Very hard rock (up to	m	2.2.1.5a	12,650	1250	1,58,12,500	

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ANNEXURE-X/5

	300m)						
3.2	Land / Crop Compansation (in case the BH falls in agreeecultural Land)	per BH	5.6	20,000	11	2,20,000	As per actual
3.3	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7a	2,000	11	22,000	
3.4	Transportation of Drill Rig & Truck associated per drill (for 2 rig)	Km	2.2.8	36	3200	1,15,200	1600 Km to and fro for one rig Nagpur to Murara-Devendrapura
3.5	Monthly Accomodation Charges for drilling Camp (up to 2 Rigs)	month	2.2.9	50,000	4	2,00,000	
3.6	Drilling Camp Setting Cost	Nos	2.2.9a	2,50,000	2	5,00,000	
3.7	Drilling Camp Winding up Cost	Nos	2.2.9b	2,50,000	2	5,00,000	
3.8	Road Making (Rugged-Hilly Terrain)	Km	2.2.10b	32,200	5	1,61,000	
3.9	Drill Core Preservation	per m	5.3	1,590	650	10,33,500	
Sub-Total 2						1,85,64,200	
4.0	Laboratory Studies						
4.1	Primary + Check Sample - 5 radicals viz. (Sn, W, Cu, Pb & Zn) by AAS method	per sample	4.1.7a	2,506	649	16,26,394	Borehole samples-500, Trench samples-90, check samples-59

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ANNEXURE-X/6

4.2	Preparation of thin section	per sample	4.3.1	2,353	10	23,530	
4.3	Complete petrographic study report	per sample	4.3.4	4,232	10	42,320	
4.4	Preparation of polish section	per sample	4.3.2	1,549	10	15,490	
4.5	Complete mineragraphic study report	per sample	4.3.4	4,232	10	42,320	
4.6	XRD	per sample	4.5.1	4,000	20	80,000	
4.7	Specific gravity of rock	per sample	4.8.1	1,605	5	8,025	
Sub-Total 3						18,38,079	
5.0	Geologist man days (1 No.) for geological map & Report (HQ)	days	1.2	9,000	40	3,60,000	
Total (1.0 to 5.0)						2,48,92,147	
5.0	Preparation of Exploration Proposal	Nos	5.1	2% of the cost or Rs. 5.0 lakh - whichever is lower	1	4,97,843	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.
6.0	Geological Report Preparation	Nos	5.2		iii	7,50,000	EA has to submit the final Geological Report in Hard Copies (5 Nos) and the soft copy to NMET.

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ANNEXURE-X/7

7.0	Report Peer Review Charges	lumpsum	As per EC decision		1	30,000	
Total Estimated Cost without GST						2,61,69,990	
Provision for GST (18%)						47,10,598	GST will be reimburse as per actual and as per notified prescribed rate
Total Estimated Cost with GST						3,08,80,588	
Rs. in Lakhs						308.81	
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.						
5	Any item of work not mentioned above shall be added as per SoC.						

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Time Schedule/ Action Plan for Preliminary (G-3) Exploration for Tungsten and Tin Ore in Murara Block (1.82 sq km), District- Niwari, Madhya Pradesh

S.No.	Activities	MONTHS													
		1	2	3	4	5	6	Review	7	8	9	10	11	12	
1	Camp setting														
2	Core drilling (2 rig)														
3	Geologist days (Field)														
4	Sampling days, core sampling														
5	Camp winding														
6	Laboratory studies														
7	Geologist days (HQ)														
8	Report writing/ Peer review														

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