

F. No. 6/2/2015-NMET /1066
Ministry of Mines
National Mineral Exploration Trust

New Delhi, the 12th February, 2019

OFFICE MEMORANDUM

Subject: Approval of 06 mineral exploration projects to be executed by Odisha Mineral Exploration Corporation Limited (OMECL).

On the recommendation of Technical-cum-Cost Committee (TCC) of NMET, the Executive Committee in its 11th meeting, held on 7th February, 2019 approved 06 mineral exploration projects to be executed by OMECL, a subsidiary of Odisha Mining Corporation, at the cost of Rs. **1517.01 Lakh**. The details of the Blocks are given at **Annexure-I**.

2. The mineral exploration projects will be funded by NMET as per the costing recommended by the TCC and approved by the Executive Committee. The Implementing Agency shall complete the same as per the approved cost estimates and time schedule, enclosed in **Annexure II & VII**.

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

 12/02/2019

(Pradeep Singh)
Director, NMET

To

✓ The Managing Director,
Odisha Mining Corporation,
OMC House,
Bhubaneswar-751001, Odisha.

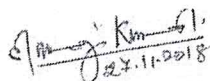
Copy for information & necessary action to:

1. Sh. D. Mohanraj, ADG, NM-II & Chairman, NMET TCC, Geological Survey of India, Seminary Hills, Nagpur- 440 006.
2. The General Manager (Exploration), Odisha Mineral Exploration Corporation Limited, 3rd Floor, Bayan Bhavan, Unit-3, Jawahar Lal Nehru Marg, Bhubaneswar-751001, Odisha.

Annexure-I**List of mineral blocks to be executed by OMECL, approved in 11th Executive Committee on 7th February, 2019**

Sl. No.	Block Name	Commodity	Stage	Duration	Approved Cost (Rs. in Lakhs; inclusive of all taxes)
1	Keluamali, District- Kalahandi, Odisha	Bauxite	G-3	12-14 months	339.05
2	Majhingamali, District-Rayagada & Kalahandi, Odisha	Bauxite	G-3	10-12 months	187.93
3	Tarhapani (west) Block, District- Koraput, Odisha	Bauxite	G-3	10-12 months	211.61
4	Nunapaimali Block, District-Rayagada, Odisha	Bauxite	G-3	10-12 months	202.21
5	Karnapodikonda, Tehsil-Narayanpatna, District-Koraput, Odisha	Bauxite	G-3	08-10 months	170.98
6	Khandadhar Sub-block-A, District- Sundargarh, Odisha	Iron Ore	G-2	12-14 months	405.23
				Total	1517.01

Detailed cost estimate for Bauxite in Keluamali Block (G3)					
S. No.	Item of Work	Unit	Estimated Cost (2018-19)		
			ESC Rate	QTY	Amount
			Rs		Rs
A	DRILLING (to be outsourced)				
1	Surface Drilling (2 Diamond / 1 RC/VS)	m	7028	2320	16304960
2	Tender preparation, publishing and finalisation	one time		1	400000
	Sub Total- A				16704960
B	GEOLOGICAL WORK				
1	Survey Party days	day	6056	120	726720
2	Geological Mapping, Geological Party days	day	8083	120	969960
3	Bulk Sampling Party Days	day	13908	10	139080
4	Core Sampling Party days	day	2905	230	668150
	Sub Total- B				2503910
C	PITTING				
1	Pitting 5 nos.	Cu m	37530	5	187650
	Sub Total- C				187650
D	LABORATORY STUDIES				
1	Chemical Analysis				
	i) Primary and check samples				
	a) Primary samples for 7 radicals (Total Al ₂ O ₃ , Available Al ₂ O ₃ (THA), Total SiO ₂ , Reactive SiO ₂ # Fe ₂ O ₃ , TiO ₂ , V ₂ O ₅ and LOI)	Nos	3086	2000	6172000
	b) Check samples for 7 radicals (Total Al ₂ O ₃ , Available Al ₂ O ₃ (THA), Total SiO ₂ , Reactive SiO ₂ # Fe ₂ O ₃ , TiO ₂ , V ₂ O ₅ and LOI)	Nos	3086	200	617200
	ii) Composite samples				
	a) Composite samples for 14 radicals (Al ₂ O ₃ , SiO ₂ , Fe ₂ O ₃ , TiO ₂ , V ₂ O ₅ , P ₂ O ₅ , LOI, MnO, MgO, CaO, Na ₂ O, K ₂ O, Cr ₂ O ₃ & Organic Carbon)	Nos	5998	58	347884
	b) Composite Metallurgical Samples -Trihydrate Alumina (THA), Monohydrate Alumina (MHA), Reactive Silica (R-SiO ₂)	Nos	1838	58	106604
	c) REE*	Nos	4620	58	267960
2	Physical Analysis				
i)	a) XRD Studies on composite	Nos	5813	30	174390
ii)	b) ICP-MS studies (14 trace elements including Gallium)	Nos	4620	30	138600
iii)	Preparation of thin section	Nos	556	5	2780
iv)	Petrographic studies	Nos	1478	5	7390
v)	Preparation of polished section	Nos	556	5	2780
vi)	Mineralographic studies	Nos	2090	5	10450
vii)	Specific gravity & porosity determination	Nos	389	10	3890
viii)	Bulk density	Nos	144	5	720
	Sub Total-D				7852648
E	PRESERVATION OF CORE				
	GI Core Boxes	Nos	2000	580	1160000
i)	Transportation of core boxes	km	33	1200	39600
	Sub Total- E				1199600
	Total A+B+C+D+E				28448768
F	EXPLORATION REPORT 1% of A+B+C+D+E				284488
	Total A+B+C+D+E+F				28733256
I	GST @18%				5171986
	Grand Total				33905242
or Say Rs. 339.05 Lakhs					
# if total SiO ₂ is more than 5%, Reactive Silica may be analysed					
* initially 25 samples from 5 bore holes (1m sample length) are required to be analysed, if results are not encouraging then the drilling may be stopped restricted to the top of lithomarge. If the results are encouraging all the bore holes may be drilled to the top of bedrock.					



 22.11.2018

Annexure-II B

Time Schedule /Action Plan for Exploration proposal for Bauxite in Keluamali block (G3)														
S. No.	Time/Items	Months	1	2	3	4	5	6	7	8	9	10	11	12
1	Work Order To the Out Sourced Partner													
2	Mobilisation	Lump sum												
3	Approach Road	5 km												
4	Drilling	2320 m												
5	Pitting (5 Pit)	5 Cu m												
6	Survey	11.292 sq km												
7	Mapping	11.292 sq km												
8	Sampling	2469 Nos.												
9	Laboratory Studies	2469 Nos.												
10	Report writing, Peer Review and Submission	3 Months												

[Signature]
22.11.2018