

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:

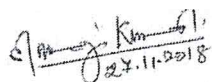
1. Sh. D. Mohanraj, ADG, NM-II & Chairman, NMET TCC, Geological Survey of India, Seminary Hills, Nagpur- 440 006.
2. The General Manager (Exploration), Odisha Mineral Exploration Corporation Limited, 3rd Floor, Bayan Bhavan, Unit-3, Jawahar Lal Nehru Marg, Bhubaneswar-751001, Odisha.

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

Annexure - IV A

Detailed cost Estimate for Bauxite in Tarhapani (West) 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	1440	10120320
2	Tender preparation, publishing and finalisation	one time		1	400000
	Sub Total- A				10520320
B	GEOLOGICAL WORK				
1	Survey Party days	day	6056	90	545040
2	Geological Mapping, Core Logging	day	8083	90	727470
3	Bulk Sampling Party Days	day	13908	10	139080
4	Core Sampling Party days	day	2905	120	348600
	Sub Total- B				1760190
C	PITTING				
1	Pitting 5 nos	Cum	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	1200	3703200
	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	120	370320
	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	36	215928
	b) Composite Metallurgical Samples -Trihydrate Alumina (THA), Monohydrate Alumina (MHA), Reactive Silica (R-SiO ₂)	Nos	1838	36	66168
	c) REE*	Nos	4620	36	166320
2	Physical Analysis				
i)	a) XRD Studies on composite	Nos	5813	10	58130
ii)	b) ICP-MS studies (14 trace elements including Gallium)	Nos	4620	10	46200
iii)	Preparation of thin section	Nos	556	10	5560
iv)	Petrographic studies	Nos	1478	10	14780
v)	Preparation of polished section	Nos	556	10	5560
vi)	Mineragraphic studies	Nos	2090	10	20900
vii)	Specific gravity & porosity determination	Nos	389	10	3890
viii)	Bulk density	Nos	144	5	720
	Sub Total- D				4677676
E	PRESERVATION OF CORE				
	G.I Core Boxes	Nos	2000	360	720000
i)	Transportation of core boxes	km	33	1200	39600
	Sub Total- E				759600
	Total A+B+C+D+E				17905436
F	EXPLORATION REPORT 1% of A+B+C+D+E				179054
	Total A+B+C+D+E+F				18084490
I	GST @18%				3255208
	Grand Total				21160644
or Say Rs. 211.61 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- IV B

4/12

Time Schedule /Action Plan for Exploration proposal for Bauxite in <u>Tashikhan</u> block (G3)												
S. No.	Time/Items	Months	1	2	3	4	5	6	7	8	9	10
1	Work order to the outsourced partner											
2	Mobilisation	lumpsum										
3	Approach Road	km										
4	Drilling	1440 m										
5	Pitting (5 Pit)	5 Cum										
6	Survey	4.322 sq km										
7	Mapping	4.322 sq km										
8	Sampling	1500 Nos.										
9	Laboratory Studies	1500 Nos.										
10	Report writing, Peer Review and submission	Months										

[Signature]
02.11.2018