

Directorate of Geology & Mining  
29-A, Khanij Bhavan, Arera Hill  
Bhopal (Madhya Pradesh)  
[Email-dirgeomn@nic.in](mailto:Email-dirgeomn@nic.in)

No. 2284

Date 20/02/24

To,

Director  
National Mineral Exploration Trust  
Ministry of Mines  
F114, 1<sup>st</sup> floor, Shastri Bhavan  
New Delhi-110001,

Subject-Financial Assistance for procurement of machinery/laboratory.


Reference-Government of India, Ministry of Mines, NMET letter dated 23.03.2022,  
08/06/2022 & 22/02/2023

Sir,

In the context of above cited subject, Directorate of Geology & Mining, Madhya Pradesh hereby submitting proposal of procurement of machinery/Instruments to enhance exploration activity and capacity building of DGM M.P.

This proposal is for your consideration and necessary action.

Attachment- Proposal detail (Annexure-A)

  
Director 19/2/24  
Directorate of Geology & Mining

## Financial assistance from NMET for procurement of machinery/ Laboratory Equipments/ Instruments etc

## Detail of proposed items

S.No	Software/Hardware/ Equipment	Quantity	Estimated Price/ Unit (in lakh)	Total Estimated cost (in lakh)	Specification	Availability within the department
1	WD XRF	1	220	220	-	Nil
2	Fusion bead machine	1	20	20	-	Nil
3	Press pallet machine	1	3.9	3.9	-	Nil
4	AAS	1	80	221	-	1
5	Fire Assay	1	13.76	13.76	-	1
6	ICP-MS	1	250	250	-	Nil
7	Hot Plates	5	0.15	0.75	-	4
8	Muffle furnace	5	1	5	-	4
9	Proximate Analyser	1	22	22	-	Nil
10	Air oven	1	0.55	0.55	-	1
11	Bomb calorimeter	1	2	2	-	1
12	Rock cutting, polishing and mounting unit	2	70	140	-	Nil
13	Stero Zoom Microscope	1	31	31	-	Nil
14	Polarizing Microscope	2	25	50	-	Nil
15	Transmitted and reflected light reserch microscope with software attached camera	1	18.58	18.58	-	Nil
16	Arc Gis	5	0.98	4.9	-	Nil
17	MX Deposit – For core logging & database management	5	8	40	-	Nil
18	Surpac/Datamine 3D	5	60	300	-	Nil
19	Hydrostatic truck mounted drill machine (600m capacity) truck mounted rig without CAMS, without operator & without accessories	4	80	320	-	8 (Very old and badly off)
20	Bits, drill rods, casing core barrel (for one year requirement for one time)	4	80	320	-	8 (Very old and badly off)
21	DGPS	5	16	80	-	Nil
22	Borehole camera	10	0.5	5	-	Nil
<b>Total</b>				<b>2068.44</b>		

\*\* Estimated price as per NMET Letter no-Fno-6/4/2015-NMET-Part(1)/367 dated-22/02/2023