

**Ministry of Mines**  
**National Mineral Exploration & Development Trust**  
**Minutes of 21<sup>st</sup> meeting of Technical-cum-Cost Committee - II (TCC - II)**  
**held on 19<sup>th</sup> and 22<sup>nd</sup> January 2026**

The 21<sup>st</sup> meeting of Technical-cum-Cost Committee–II (TCC-II) of National Mineral Exploration and Development Trust (NMEDT) was held through video conferencing under the Chairmanship of Shri Pradeep Singh, Deputy Director General (DDG), Geological Survey of India (GSI) and Chairman, TCC-II, NMEDT held on 19<sup>th</sup> and 22<sup>nd</sup> January 2026.

Members of TCC-II, NMEDT and representatives from M/s Bhusilp Mines and Minerals Private Limited, M/s BMRC Geomining Solutions Pvt. Ltd., M/s Maheshwari Mining Private Limited (MMPL), Central Mine Planning & Design Institute Limited (CMPDI), Mineral Exploration and Consultancy Limited (MECL), M/s United Exploration India Private Limited, DGM Jharkhand, M/s PRB Infra Projects Private Limited, M/s GeoExpOre Private Limited, Madhya Pradesh State Mining Corporation Limited (MPSMCL), DMG Rajasthan, etc. have attended the meeting through video conferencing mode.

The list of participants is at **Annexure-1**.

Shri Pradeep Singh, DDG, GSI and Chairman, TCC-II, NMEDT warmly welcomed all TCC-II members and every participant representing from State DGMs/DMGs, Notified Exploration Agencies (NEAs) and Notified Private Exploration Agencies (NPEAs). Shri Pradeep Singh further informed that certain modifications to the revised Schedule of Charges (SoC) of NMEDT have been suggested by the NEAs and NPEAs. Based on the merits and justifications provided, these suggestions will be examined and, if found appropriate, corresponding modifications to the revised SoC of NMEDT will be recommended for approval to the Executive Committee, NMEDT.

**21.1 Technical Evaluation of New Project Proposals**

**Agenda 21.1.1 Preliminary Exploration (G3) for Graphite and associated minerals in Hathkhera Block, Banswara District, Rajasthan.**

**[Implementing Agency: M/s Bhusilp Mines and Minerals Private Limited]**

- a) The proposed exploration block, covering an area of 2 Sq.km, is located on Survey of India Toposheet No. 46 I/06 and falls within parts of Banswara District, Rajasthan.
- b) The table containing the comments is given below.

S.N.	Agency	Comment
1	GSI	Informed that the proposed (G-3) Hathkheda block of NPEA, completely overlaps with Hathkheda GM block.
2	DMG Rajasthan	DGM Rajasthan informed that as per the Directorate's circular dated 09.01.2006 and the FSI report dated 25.08.2010, read with the order dated 09.05.2024, the block falls within the Aravalli Hills. Graphite is a notified Critical Mineral of strategic importance. About 50% of the proposed area overlaps with the Hathkhera CL block and shall be

		excluded. The remaining area shall be governed by and subject to compliance with the directions/orders of the Hon'ble Supreme Court concerning the Aravalli Hills, as amended from time to time.
3	MECL	The block proposed by M/s. Bhusilp is not overlapping with MECL explored block and ongoing blocks.
4	NMEDT	There is no overlapping with NMEDT funded block in the proposed area.

- c) The TCC-II committee observed that the proposed exploration block lies within the Aravalli Hills area and that approximately 50% of the proposed area overlaps with the existing Hathkhhera CL/ML block.
- d) The TCC-II opined that, in view of the Hon'ble Supreme Court having stayed its judgment dated 20 November 2025, which proposed a uniform definition of the Aravalli Hills and Ranges, including the 100-metre elevation criterion, and the matter being presently sub judice before the Hon'ble Supreme Court, all proposals pertaining to the said area shall be examined and decided only upon final adjudication by the Hon'ble Supreme Court of India.

#### **Recommendation TCC-II**

***The Committee did not recommend the proposed exploration block, as it falls within the Aravalli Hills area and approximately 50% of the block overlaps with the existing Hathkhhera CL/ML block.***

#### **Agenda 21.1.2 Reconnaissance survey (G4) for RM and Associated REE Mineralization in the Holenarasipur Area, Hassan and Mandya Districts, Karnataka. [Implementing Agency: M/s BMRC Geomining Solutions Pvt.]**

- a. The proposed preliminary exploration block, covering an area of 97 sq. km, falls in Survey of India Toposheet No. 57D/05 and 57D/06 and lies within parts of Hassan and Mandya Districts, Karnataka.
- b. The table containing the comments is given below.

S.N.	Agency	Comment
1	GSI	Informed that the proposed G-4 area of the NPEA overlaps with one Regional Mineral Target (RMT) of GSI covering parts of the Holenarsipur, Nuggihalli, and Kibbenahalli schist belts, along with associated granitoids of the Western Dharwar Craton, planned for the year 2025–26, as well as one G-4 stage exploration for critical minerals in the Arehalli area during 2025–26.
2	DMG Karnataka	Based on the available data there are no on-going exploration projects of DMG, Karnataka in the proposed area, as per the available records, there are no Composite License or Mining Lease or Quarrying leases granted for either Major or Minor Minerals within the proposed block boundary.

3	MECL	The block proposed by M/s. Critical Mineral Trackers is not overlapping with MECL explored block and ongoing blocks.
4	NMEDT	There is no overlapping with NMEDT funded block in the proposed area.

- c. The TCC-II Committee observed that the proposed G-4 stage area overlaps with a GSI Regional Mineral Target (RMT) covering parts of the Holenarsipur, Nuggihalli, and Kibbenahalli schist belts, including associated granitoids of the Western Dharwar Craton, planned for 2025–26, as well as a G-4 stage exploration for critical minerals in the Arehalli area during 2025–26.

#### **Recommendation TCC**

***The Committee did not recommend the proposed exploration block, as it overlaps with a GSI Regional Mineral Target (RMT) covering parts of the Holenarsipur, Nuggihalli, and Kibbenahalli schist belts, including associated granitoids of the Western Dharwar Craton, planned for 2025–26, as well as a G-4 stage exploration for critical minerals in the Arehalli area during 2025–26.***

#### **Agenda 21.1.3 Preliminary Exploration (G-3 Stage) for Graphite in Ranibandh Area, Bankura, West Bengal.**

**[Implementing Agency: M/s Maheshwari Mining Private Limited (MMPL)]**

- The proposed area for preliminary exploration (G3), covering 2.5 sq. km, falls within Survey of India Toposheet no. 73J/13, in parts of Bankura District, West Bengal.
- The proposal was reviewed in 15th meeting of TCC-II held on 23<sup>rd</sup> & 24<sup>th</sup> October 2025. During the meeting M/s Maheshwari Mining Private Limited (MMPL) had informed that the present exploration program (G3) has been formulated on the basis of the outcomes of G4 stage of investigation for graphite in this area done by MMPL. In Zone-A, resource of 0.898 million tonnes has been estimated by MMPL at average weighted FC range of 2.15-9.56%. In Zone-B, resource of 0.483 million tonnes has been estimated by MMPL at average weighted FC range of 3.08-8.69%. Total resource for graphite in Ranibandh block (including Zone-A and Zone-B) estimated as 1.38 million tonnes with FC more than 2% (FC%  $\geq$  2%). However, the committee deferred the proposal as the details of in-house geophysical instruments were not updated under the Quality Council of India (QCI), National Accreditation Board for Education and Training (NABET) scheme. NMEDT secretariat informed that the implementing agency needs to update the details of their in-house geophysical instruments under the QCI-NABET website.
- In its 15<sup>th</sup> meeting, the TCC-II had suggested MMPL to carry out detailed mapping on scale of 1:4000, SP Survey to examine gap areas to ascertain continuation of graphite at sub-surface. 1st Level 11 BHs, at 30m vertical

depth at 200 m spacing and 2nd Level 6 BHs, at 60m vertical depth at 400 m spacing.

- d) The agency informed that its in-house geophysical instruments have been duly updated on the QCI–NABET website. The agency also apprised the TCC-II Committee that it possesses full in-house capacity of geophysical instruments for the fourth acquisition under the NMEDT-funded project.
- e) The TCC-II committee advised to the agency that In Phase-I, 11 boreholes will be drilled at a spacing of 200m x 200 m. After a detailed review, in Phase-II drilling of six additional boreholes at a spacing of 400m x 400 m will be decided. The geological mapping in the area will be carried out on a scale of 1:4000.

#### **Recommendation TCC-II**

***The committee recommended the proposal for approval of PSC for “Preliminary Exploration (G-3 Stage) for Graphite in Ranibandh Area, Bankura, West Bengal.” with an estimated cost of ₹272.60 Lakh (including GST) within the time schedule of 12 months and submission of the report as per Annexures 2A & 2B. The item will be reviewed after 6 months. In Phase-I, 11 boreholes with total drilling meterage of 550m at a spacing of 200m x 200 m will be drilled. After a detailed review, in Phase-II drilling of 06 additional boreholes with total drilling meterage of 550m at a spacing of 400m x 400 m will be decided.***



**Estimated Cost for Preliminary Exploration (G3 Stage) For Graphite in Ranibandh Block, Bankura District, West Bengal**  
**Total area - 2.5 Sq.km; Borehole-17 (11 BH first level + 06 BH second level) ; Meterage -1100 m (550 m first level + 550 m second level, Period of completion- 12 months, Implement Agency: MMPL**

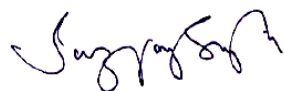
SL.No	Item Of Work*	Unit*	Rate As Per NMEDT SOC 2025		Estimated Cost of the Proposal		Remarks
			SOC. Item No	Rate As Per SOC* (a)	Qty. (b)	Total Amount (Rs) (a*b)	
<b>A</b>	Geological mapping (1:4000), Trenching & Drilling work						
ii	a. Charges for Geologist per day (Field) for Geological mapping & Trenching work, drilling activity (without labour)	day	1.2.1a	₹ 14,500.00	180	₹ 26,10,000.00	
iii	b. Labours charges; Base rate (for 2 labours per geologists)	day	5.8	₹ 541.00	360	₹ 1,94,760.00	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher.
iv	c. Charges for Geologist per day (HQ)	day	1.2.1a	₹ 10,500.00	60	₹ 6,30,000.00	
v	Charges for one Sampler per day (1 Party)	one sampler per day	1.2.1b	₹ 7,850.00	63	₹ 4,94,550.00	
vi	Charges for Labour	day	5.8	₹ 541.00	252	₹ 1,36,332.00	
	<b>Sub Total- A</b>					<b>₹ 40,65,642.00</b>	
<b>B</b>	<b>Trenching/Pitting</b>						
i	Trenching	per cu. m	2.1.1	₹ 4,125.00	100	₹ 4,12,500.00	
	<b>Sub Total- B</b>					<b>₹ 4,12,500.00</b>	
<b>C</b>	<b>Survey work</b>						

i	Charges for one qualified surveyor (Topographic survey, surface contouring at specific interval)	day	1.3.1	₹ 10,500.00	30	₹ 3,15,000.00	
ii	DGPS Survey for BH fixation and Cardinal Points of block	Per Point of observation of observation	1.3.2	₹ 24,000.00	21	₹ 5,04,000.00	17 BH and 4 Cardinal Points of block boundary.
iii	Labours Charges for survey work; Base rate	day	5.8	₹ 541.00	120	₹ 64,920.00	
	<b>Sub Total- C</b>					<b>₹ 8,83,920.00</b>	
<b>D</b>	<b>Ground Geophysical Survey (in-house)</b>						
i	Charge for SP survey	Line km	3.3a	₹ 62,140.00	10	₹ 6,21,400.00	
	<b>Sub Total- D</b>					<b>₹ 6,21,400.00</b>	
<b>E</b>	<b>Drilling (after review) (in-house)</b>						
i	Systematic Drilling (Medium Hard rock) (HQ) first & second level BH)	per m	2.2.1.1d	₹ 10,000.00	1100	₹ 1,10,00,000.00	11 BH 1st level @30m vertical depth of intersection.06 BH 2nd level @60m vertical depth of intersection (Subject to successful intersection in first level BH and subsequent approval of NMEDT-TCC)
iii	Borehole deviation by multi shot camera	per m	2.2.5	₹ 330.00	184	₹ 60,720.00	
iv	Land / Crop Compensation	per borehole	5.6	₹ 30,000.00	17	₹ 5,10,000.00	<b>As per actuals</b> as certified by local authorities subject to a maximum of 30000 per borehole.
v	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7	₹ 2,000.00	17	₹ 34,000.00	

vii	Miscellaneous charges Transportation of Drill Rig & Truck associated per drill (2 rig), Accommodation Charges for drilling Camp, Drilling Camp Setting/Winding up Cost, Road Making & ?		2.2.9	15% of drilling cost with a maximum ceiling of 20 lakh.		₹ 16,50,000.00	
viii	<b>Drill Core Preservation</b>	<b>per m</b>	<b>5.3</b>	<b>₹ 1,590.00</b>	<b>400</b>	<b>₹ 6,36,000.00</b>	
	<b>Sub Total- E</b>					<b>₹ 1,38,90,720.00</b>	
<b>F</b>	<b>Laboratory Studies</b>						
<b>1</b>	<b>Chemical Analysis</b>						
<b>i)</b>	<b>Geochemical Sampling-Surface samples (BRS/Groove/Channel, Trench, &amp; Core Samples)</b>						
a	Proximate analysis for graphite (BRS/Groove/Channel, Trench, & Core Samples)	Nos	4.1.18	₹ 3,614.00	355	₹ 12,82,970.00	BRS=30, Trench=75, CS=250
b	<b>Check samples (10% External) (BRS/Groove/Channel, Trench, &amp; Core Samples)</b>	Nos	4.1.18	₹ 3,614.00	36	₹ 1,30,104.00	
c	HR-IC PMS (REE & Trace elements)	Per Sample	4.1.16f	₹ 7,400.00	50	₹ 3,70,000.00	
d	Analysis of one rock/ soil sample for determination of a package by 10% External Check for 34 elements by ICP-AES / ICPMS (34 elements along with Cu, Pb, Zn, Fe, Ni, Co, Cr, Al, S, Bi etc.)	Per Sample	4.1.16f	₹ 7,400.00	5	₹ 37,000.00	
<b>2</b>	<b>Physical &amp; Petrological Studies</b>						
i	Preparation of Standard thin section of rock	Nos	4.3.1	₹ 500.00	10	₹ 5,000.00	

ii	Complete petrographic/ ore microscopic study/ mineragraphic report of rock sample (along with 5 nos. digital photomicrographs)	Nos	4.3.4	₹ 2,800.00	10	₹ 28,000.00	
iii	petrochemical studies	Nos	4.1.17a	₹ 4,200.00	10	₹ 42,000.00	
iv	Bulk density analysis	Nos	4.8.3	₹ 2,500.00	5	₹ 12,500.00	
v	Total graphitic carbon (TGC)	Nos	-	₹ 2,500.00	30	₹ 75,000.00	As per actuals. The cost is given based on market research
vi	Raman Spectroscopy	Hrs.	4.5.1	₹ 2,700.00	10	₹ 27,000.00	As per actuals. The cost is given based on market research
	<b>Sub Total- F</b>					<b>₹ 20,09,574.00</b>	
<b>G</b>	<b>Total A to G</b>					<b>₹ 2,18,83,756.00</b>	
<b>H</b>	<b>Geological Report Preparation</b>	<b>5 Hard copies with a soft copy</b>	<b>5.2</b>	<b>Project exceeding Rs.150 lakh: 7.5 Lakh</b>		<b>₹ 7,50,000.00</b>	<b>Reimbursement will be made after submission of the Final Geological Report in Hard Copies (5 Nos) and the soft copy to NMEDT.</b>
<b>I</b>	<b>Peer review Charges</b>	<b>As per EC decision</b>		<b>₹ 30,000.00</b>	<b>1</b>	<b>₹ 30,000.00</b>	
<b>J</b>	<b>Preparation of Exploration Proposal (5 Hard copies with a soft copy)</b>	<b>5 Hard copies with a soft copy</b>	<b>5.1</b>	<b>2% or 5 lakh whichever is lower</b>		<b>₹ 4,37,675.12</b>	<b>EA will be reimbursed after submission of the Hard Copies and the soft copy of the final proposal along with Maps and Plan as suggested by the TCC-NMEDT in its meeting while clearing the proposal.</b>

<b>L</b>	<b>Total Estimated Cost without GST</b>	<b>₹ 2,31,01,431.12</b>	
<b>M</b>	<b>Provision for GST (18% of L)</b>	<b>₹ 41,58,257.60</b>	<b>GST will be reimbursed as per actual and as per notified prescribed rate</b>
<b>N</b>	<b>Total Estimated Cost with GST</b>	<b>₹ 2,72,59,688.72</b>	
		<b>Rs. In Lakhs</b>	<b>₹ 272.60</b>
<b>Note:</b>			
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 Soc SI No. 6 of NMEDT SoC. In case of execution of the project by NEA/NPEA 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.		
6	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency		




Time Schedule/Action Plan for preliminary exploration (G3 stage) in Ranibandh block, Bankura district, West Bengal under NMEDT														
S. No	Nature of Work	Months												
		1	2	3	4	5	6	REVIEW	7	8	9	10	11	12
1	Camp Set up													
2	Geological mapping (DM) (sq km)													
3	Topographic survey- DGPS/ Total station/Drone													
4	Geophysical survey (SP survey) (L.km)													
5	Surface exploration-Trenching (cu. m)													
6	Bed rock samples (nos.)													
7	Trench samples (nos.)													
8	DGPS survey for fixation of borehole and cardinal points													
9	Sub surface exploration – Drilling (m)													
10	Receipt of analyses and processing of analytical data													
11	Ore body modelling and GR preparation													

**Agenda 21.1.4 Reconnaissance Survey (G-4) For Copper and Graphite in Rehi-Jiawan Area (80 Sq. Km), Singrauli Districts, Madhya Pradesh.**

**[Implementing Agency: Central Mine Planning & Design Institute Limited (CMPDI)]**

- a. The proposed area for Reconnaissance Survey (G-4) covering 80 sq. km, falls within Survey of India Toposheet no. 63L/3 and 63L/7, in parts of Singrauli Districts, Madhya Pradesh.
- b. The table containing the comments is given below.

S.N.	Agency	Comment
1	GSI	Informed that the proposed area is fully overlapping with GSI explored block "Report on the investigation for copper in Bahera-Baharia shear zone, Sidhi district, Madhya Pradesh" (Stage G4) and partially overlapping with proposed blocks for FS 2026-27" Bahari Malkham-Bhitari and Karthua Blocks."
2	DGM, Madhya Pradesh	DGM Informed that There is 04 mineral concession of mineral sand having area 15.50 Hect. & 01 mineral concession of mineral stone having area 3.00 Hect. are overlapped with proposed area. and also informed that There is no ongoing exploration work by the department for Copper & Graphite or other mineral in the proposed area.
3	MECL	the proposed block by CMPDI is not overlapping with MECL explored block and ongoing blocks.
4	NMEDT	Proposed block submitted by CMPDI is partially overlapping with Parma block of MECL

- c. The CMPDI informed that the Occurrence of Graphite Mineralization: Carbonaceous phyllite observed near south of Rehi village. The carbonaceous phyllite occurs as linear bands, lensoidal body and some time as pockets within phyllite of Mohakoshal belt in the area of investigation. BRS sample from carbonaceous phyllite showing Fixed carbon values up to 11% (STM Report GSI-2023). One BRS collected by CMPDI near Rehi Village has yielded FC value 5.2%.
- d. During the reconnaissance survey of the proposed area, MCPDI team observed profuse malachite stain on Quartzite formation exposed due to road cutting of NH-39 about 3km north of Jiawan. The analysis of two BRS from the quartzite outcrop has given result for copper concentration of 871ppm & 1145ppm.
- e. The committee advice to the agency that the overlap areas with GSI exploration items as well as the areas which are already explored by MECL shall be excluded. The proposal should be revised accordingly and ensuring that the final delineated area for the G-4 stage exploration is maintained at approximately 40–45 sq. km minimum area.

**Recommendation TCC-II**

***The TCC-II Committee deferred the proposal and advice to the agency shall exclude overlap areas with GSI and MECL explorations and revise the proposal accordingly, ensuring a minimum G-4 exploration area of about 40–45 sq. km.***

**Agenda 21.1.5 Reconnaissance Survey (G-4) for Potash in Choharianwali Area (48.0 sq. km), District- Fazilka, Punjab.**

**[Implementing Agency: Mineral Exploration and Consultancy Limited (MECL)]**

- a) The proposed exploration block, covering an area of 48 Sq.km, is located on Survey of India Toposheet No. 44J/3 and falls within parts of Fazilka District, Punjab.
- b) The block A2B2C2D2 proposed for potash exploration by MECL falls in the toposheet no 44J/3. the A2B2C2D2 block exhibits a low magnetic anomaly along with a relatively low Bouguer anomaly compared to the surrounding areas. This geophysical configuration is indicative of subsurface conditions conducive to the accumulation of Evaporites, suggesting that this block may also be a promising target for Potash Exploration.
- c) A block of 48 sq. km has been carved out from the block A2B2C2D2 (area-108 sq. km) for carrying out G4 stage of potash exploration for the proposed G4 Block, a total of six vertical scout boreholes, each approx. 850m deep with space intervals of 4 km, are planned to be drilled. The geo-coordinates of the proposed block are given below.

Block Corner Point	Longitude	Latitude
A	74°04'07.50"E	30° 26'08.66"N
B	74°07'21.85"E	30° 25'55.95"N
C	74°06'55.94"E	30° 20'58.75"N
D	74°03'41.74"E	30° 21'11.35"N

The geo-coordinates of the proposed tentative boreholes are given below:

BH No.	Longitude	Latitude
BH-01	74° 4' 28.258" E	30° 25' 47.962" N
BH-02	74° 6' 57.287" E	30° 25' 38.857" N
BH-03	74° 6' 46.597" E	30° 23' 29.957" N
BH-04	74° 6' 35.329" E	30° 21' 20.571" N
BH-05	74° 4' 6.253" E	30° 21' 28.680" N
BH-06	74° 4' 18.202" E	30° 23' 38.208" N

- d. The TCC-II committee advised that the In Phase-I, 6 (Six) boreholes with total drilling meterage of 5700m (Non-Core Drilling 4050m and Core Drilling 4500m) at a 3200m grid interval will be drilled. After a detailed review of the project, additional 9 (Nine) boreholes with total drilling meterage of 8550m (Non-Core Drilling 2700m and Core Drilling 3000m) in Phase-II shall be undertaken at a 1600m grid interval in the identified potential zone.
- e. Further the committee opined that the entire drilling from surface up to the intersection of the youngest horizon of the mineralised zone will be carried out as non-coring.

**Recommendation TCC**

***The committee recommended the proposal for approval of PSC for "Reconnaissance Survey (G-4) for Potash in Choharianwali Area (48.0 sq. km), District- Fazilka, Punjab." with an estimated cost of ₹1903.11 Lakh (including GST) within the time schedule of 21 months and submission of the report as per Annexures 3A & 3B. The item will be reviewed after 9 months. In Phase-I, 6 (Six) boreholes with total drilling meterage of 5700m (Non-Core Drilling 4050m***

***and Core Drilling 4500m) at a 3200m grid interval will be drilled. After a detailed review of the project, additional 9 (Nine) boreholes with total drilling meterage of 8550m (Non-Core Drilling 2700m and Core Drilling 3000m) in Phase-II shall be undertaken at a 1600m grid interval in the identified potential zone. It was further informed that the entire drilling from surface up to the intersection of the youngest horizon of the mineralised zone will be carried out as non-coring.***



**ESTIMATED COST FOR RECONNAISSANCE SURVEY (G4) FOR POTASH IN CHOHARIANWALI BLOCK (48.00 SQ.KM AREA), PUNJAB EVAPORITE BASIN, DISTRICT-FAZILKA, PUNJAB.**

**Total Area - 48.00 sq. km; Geological mapping (1:12500 scale) Nos. of Boreholes - 15 (Phase I -06 Bhs & Phase II-09 Bhs) ; Completion Time - 21 Months;**

**Review- After 09 Months**

**Implementing Agency: MECL**

Sl.No.	Item of Work	Unit	Rates as per NMEDT NEW SoC		Estimated Cost of the Proposal		Remarks
			SoC- Item -SI No.	Rates as per SoC	Qty.	Total Amount (Rs)	
<b>A</b>	<b>GEOLOGICAL WORK</b>						
1	Geological mapping, Topographical survey, Borehole logging & Sampling & Report writing						
2	Demarcation of lease boundary, Fixation of borehole and determination of co-ordinates & Reduced Level (RL) of the boreholes by DGPS (including charges for labours deployed for the work) - use of CORS Network system for all DGPS is compulsory	Per Point of observation	1.3.2	24,000	15	3,60,000	15 BH points (06 no Phase -I & 09 no Phase -II)
	<b>SUB-TOTAL A</b>					<b>3,60,000</b>	
<b>B</b>	<b>MINERAL INVESTIGATION</b>						
1	Charges for one Geologist per day at HQ	day	1.2.1a	10,500	60	6,30,000	
2	Charges for Geologist party per day at field	day	1.2.1b	14,500	200	29,00,000	
3	Party Labour (2 Nos each party)	day	5.8	541	400	2,16,400	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
4	Charges for one Sampler per day (1 Party)	one sampler per day	1.2.1b	7,850	308	24,17,800	


5	Labours (4 Nos)	day	5.8	541	1232	6,66,512	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
	<b>SUB-TOTAL B</b>					<b>68,30,712</b>	
<b>C</b>	<b>DRILLING (Outsource Drilling)</b>						In the first phase 6 drill hole in grid of 3200x3200m. After 1st phase drilling review, in second phase 9 infilling boreholes in grid of 1600x1600m will be drilled.
1	Non-Core Drilling (0 to 450m) (6 BHs)	m	2.2.4	4000	2700	1,08,00,000	Phase-I 06Bhs,
1a	Non-Core Drilling (0 to 450m) (9 BHs)	m	2.2.4	4000	4050	1,62,00,000	Phase-II 09 Bhs
2	Core Drilling up to 950 m (6 BHs, HQ size)	m	2.2.1.1d	10,000	3000	3,00,00,000	Phase-I 06 Bhs
2a	Core Drilling up to 950 m (9 BHs, HQ size)	m	2.2.1.1d	10,000	4500	4,50,00,000	Phase-II 09 Bhs
3	Technical Supervision cost of outsourcing of work		6	10 % of outsourced component		20,00,000	Only drilling component is outsourced
4	Drill Core Preservation	per m	5.3	1,590	3000	47,70,000	
5	Construction of Concrete Pillar (12"x12"x30")	per borehole	2.2.7	2,000	15	30,000	
6	BH plugging	Lumpsum per BH	2.2.8	10,000	15	1,50,000	
	<b>SUB-TOTAL C</b>					<b>10,89,50,000</b>	
<b>D</b>	<b>Geophysical logging for</b>						
i	Resistivity	per m	3.11c	50	7500	3,75,000	Phase-I 06Bhs, Phase-II 09 Bhs
ii	Dual Density		3.11d	134	7500	10,05,000	
iii	Neutron		3.11f	96	7500	7,20,000	
iv	Calliper		3.11g	24	7500	1,80,000	
v	Spectral Gamma (In Borehole)		3.11o	198	7500	14,85,000	
	<b>SUB-TOTAL D</b>					<b>37,65,000</b>	
<b>E</b>	<b>LABORATORY STUDIES</b>						

<b>1</b>	<b>Chemical Analysis</b>						
<b>i)</b>	<b>Primary samples</b>						
a	11 radicals i.e. K, Na, Mg, Cl, Br, I, Li, F, B, CaSO <sub>4</sub> & Water insoluble	Nos	4.1.1	18,100	780	1,41,18,000	(Phase I -780 no )
	11 radicals i.e. K, Na, Mg, Cl, Br, I, Li, F, B, CaSO <sub>4</sub> & Water insoluble	Nos	4.1.1	18,100	1170	2,11,77,000	Phase -II -1170 no)
<b>ii)</b>	<b>Check samples External (10%)</b>						
a.	11 radicals i.e. K, Na, Mg, Cl, Br, I, Li, F, B, CaSO <sub>4</sub> & Water insoluble	Nos	4.1.1	18,100	195	35,29,500	(Phase I-78 no and Phase-II 117 no)
	<b>Sub-Total -1</b>					<b>3,88,24,500</b>	
<b>2</b>	<b>Physical &amp; Petrological Studies</b>						
<b>i)</b>	XRD analysis for identification of minerals (Random)	Nos.	4.5.2	4,000	300	12,00,000	(Phase-I 100 no and Phase-II 200 no)
<b>ii)</b>	Preparation of standard thin section of rock	Nos.	4.3.1	500	10	5,000	(Phase-I 03 no and Phase-II 07 no)
<b>iii)</b>	Complete petrographic /ore microscopic study/mineragraphic report of rock sample (along with 5 nos. digital photo micrographs)	Nos.	4.3.4	2,800	10	28,000	(Phase-I 03 no and Phase-II 07 no)
	<b>Sub-Total -2</b>					<b>12,33,000</b>	
<b>3</b>	<b>Geotechnical Laboratory</b>						
<b>i.</b>	Bulk Density-dry	No.	4.8.3	2,500	15	37,500	(Phase-I -6 no, Phase-II -9 no)
	<b>Sub Total- 3</b>					<b>37,500</b>	
	<b>SUB-TOTAL-E</b>					<b>4,00,95,000</b>	
	<b>Total - A to E</b>					<b>16,00,00,712</b>	
<b>F</b>	<b>MISCELLANEOUS CHARGES</b>						
<b>1</b>	<b>Preparation of Exploration Proposal (5 Hard copies with a soft copy)</b>	5 Hard copies with a soft copy	5.1	2% of the approved project cost or Rs. 5.0 Lakhs whichever is lower		<b>5,00,000</b>	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-NMEDT in its meeting while clearing the proposal

2	Geological Report Preparation		5.2 (iii)	For the projects having cost exceeding ₹150 lakh: ₹7.5 lakh		7,50,000	EA has to submit the final Geological Report in Hard Copies (5 Nos) and the soft copy to NMEDT
3	Peer review Charges		As per EC decision			30,000	
	Total Estimated Cost without GST					16,12,80,712	
	Provision for GST (18%)					2,90,30,528	GST will be reimbursed as per actual and as per notified prescribed rate
	Total Estimated Cost with GST					19,03,11,240	
	Say in Lakhs (Rs.)					1903.11	
<b>Note - If any part of the project is outsourced, the amount will be reimbursed as per the Paragraph 3 of NMEDT SoC and Item no. 6 of NMEDT SoC. In case of execution of the project by NEA on its own, a Certificate regarding non-outsourcing of any component/ project is required.</b>							
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 Soc SI No. 6 of NMEDT SoC. In case of execution of the project by NEA/NPEA 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.						
6	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency						

**TIME SCHEDULE/ACTION PLAN FOR RECONNAISSANCE SURVEY (G4) FOR POTASH IN CHOHARIANWALI BLOCK (48.00 SQ.KM AREA),  
PUNJAB EVAPORITE BASIN, DISTRICT-FAZILKA, PUNJAB.**

Sl. No.	Activities	Unit	MONTHS																						
			1	2	3	4	5	6	7	8	9		10	11	12	13	14	15	16	17	18	19	20	21	
1	Camp Setting	day										REVIEW													
2	Geologist Party days in Field (1 Party)	day																							
3	Survey Party days (1 Party)	day																							
4	Core Drilling (1 rig)	m.																							
5	Geophysical Studies	m.																							
6	Sampling Party days, Core Sampling	day																							
7	Camp Winding	day																							
8	Laboratory Studies	Nos.																							
9	Geologist Party days in HQ (1 Party)	day																							
10	Report Writing & Peer review	day																							




**Agenda 21.1.6 Preliminary Exploration (G-3) for Graphite Around Lakshmipur, Sikabarhi and Barha Kachapai Block, Rayagada District, Odisha.**

**[Implementing Agency: M/s United Exploration India Private Limited,]**

- a) The proposed exploration block, covering an area of 28.12 sq.km, is located on Survey of India Toposheet No. 65M/11 and falls within parts of Rayagada District, Odisha.
- b) UEIPL informed that the block was delineated based on analytical evaluation of geochemical data. Proximate analysis of graphite samples from various blocks revealed a wide variation in Fixed Carbon (F.C.) content, ranging from 7.86% to 46.25%. The Barha Kachapai exhibits 27.48% – 45.43% fixed carbon. The Sikabarhi graphite deposit is estimated to contain approximately 8,375 tonnes of graphite with 8.41% – 46.25% fixed carbon, while the Lakshmipur deposit is likely to contain around 590 tonnes with 7.86% – 10.88% fixed carbon.
- c) Further, the Agency informed that the analytical results indicate that the Lakshmipur, Sikabarhi and Barha Kachapai block hold significant potential for economic graphite mineralization. The findings underscore the necessity for detailed exploration.
- d) DMG Odisha informed that the proposed area has been covered by DoMG at G-4 level during F.S 2013-15 through geological mapping, trial excavation & sampling. Incidences of graphite are noticed in north and west of the Barha-kachapai with F.C varies from 27.48% to 45.43%. The Sikabarhi deposit is a promising deposit. Graphite mineralization extends for more than 600m length and 5 to 12m width. At places the graphite band contains minute pockets of high-grade flaky graphite. Reconnaissance resource of 8375 tonnes of graphite with F.C content from 8.41% to 20.70% has been reported. Hence, the block may be allowed for further exploration.
- e) The Committee advised the agency to systematically integrate all available baseline data, including NGCM, NGPM, aero-geophysical data and STM, for the effective formulation and strengthening of the G-3 stage exploration project.
- f) The Committee also advised NMEDT to obtain comments from GSI for further evaluation of the project.

**Recommendation TCC**

***The Committee deferred the proposal and advised the agency to systematically integrate all available baseline data, including NGCM, NGPM, aero-geophysical data and STM, to effectively formulate and strengthen the G-3 stage exploration project.***

**Agenda 21.1.7 Preliminary Exploration (G-3) for bauxite around Porhapadar, Puling and Jubang Block in Rayagada and Kalahandi districts, Odisha.**

**[Implementing Agency: M/s United Exploration India Private Limited,]**

- a) The proposed exploration block, covering an area of 24.51 sq.km, is located on Survey of India Toposheet No. 65M/2 and falls within parts of Kalahandi districts, Odisha.
- b) The agency informed that previous geological exploration has been carried out in parts of the area and bauxite resource had been established in the plateaus which shows enrichment of bauxite.
- c) Further, the Agency inform that previous studies reveal five plateaus within the project area are having average  $Al_2O_3$ % varying from 39.86% to 45.21%. Which justifies the economic potentiality of the area. Also, the resource of bauxite at  $Al_2O_3$  +35% cut off has been estimated to be 4.31 million tonnes and sub grade bauxite at  $Al_2O_3$  30-35% cut off is 3.17 million tonnes.

- d) The DMG, Odisha, informed that the proposal for preliminary exploration for bauxite in the Porhapadar–Puling–Jubang area of Rayagada District may be dropped from upgradation, in view of the recent decision of the Government of Odisha to auction G-4 level bauxite blocks as Composite Licences (CL). Accordingly, the proposal may not be considered.

#### **Recommendation TCC**

***The Committee did not recommend the project.***

### **21.2 Review of Ongoing Procurement Projects & Timeline Extension**

**Agenda 21.2.1 Financial assistance from NMEDT funds to procure machinery/ laboratory equipment/ instruments etc. aimed at enhancing the exploration activities.**

**[Implementing Agency: DMG Jharkhand]**

- a) The project was recommended by 49<sup>th</sup> TCC held on 30<sup>th</sup> and 31<sup>st</sup> January 2023 and approved by 28<sup>th</sup> EC held on 16<sup>th</sup> March 2023 with schedule time for 12 months and sanction date 18.08.2023. The approved cost of the project was ₹5,27,90,000/-.

Detail of the approved procurement items are given below:

Sl. No.	Name of Item	Qty.	Estimated Cost per unit (Rs.)	Total Estimated cost (Rs)	Procurement Status
1	Digital Camera	10	90000	900000	Not Procured
2	Brunton Compass	20	10000	200000	Not Procured
3	Geological Hammer	20	10000	200000	Not Procured
4	Hand-held GPS	20	95000	1900000	Not Procured
5	Hydraulic Core Splitter	1	200000	200000	Not Procured
6	Vibratory Cup Mill with accessories	1	600000	600000	Not Procured
7	ICP- MS (Ultra-Pure Water System)	1	20000000	20000000	Not Procured
8	XRF	1	16000000	16000000	Not Procured
9	Fusion Bead Machine	1	2000000	2000000	Not Procured
10	Press Palette machine	1	390000	390000	Not Procured
11	Grinding and Polishing Machine	1	7000000	7000000	Not Procured
	and mounting unit				Not Procured
12	Transmitted and Reflected light, research Microscope with software attached camera	1	1200000	1200000	Not Procured
13	Proximate Analyzer (TGA)	1	2200000	2200000	Not Procured
			<b>Total</b>	<b>5,27,90,000</b>	

- b) The 1<sup>st</sup> Instalment amounting to ₹2.11 crore was released on 29<sup>th</sup> August 2023.
- c) DGM Jharkhand proposed in the 5<sup>th</sup> TCC-II meeting, held on 27<sup>th</sup>, 28<sup>th</sup> and 29<sup>th</sup> January 2025 for addition of Ultra-Pure Water System as an accessory with procurement of

ICPMS and it was approved in the 40<sup>th</sup> EC with 12<sup>th</sup> month timeline extension up to 31<sup>st</sup> august 2025 for procurement item.

- d) DGM, Jharkhand informed that the tender bidding and procurement processes are still pending. Further, they requested an extension of the timeline for completion of the procurement process.
- e) In the 16<sup>th</sup> TCC-II meeting, Agency requested for timeline extension of 06 months up to 28 February 2026. The committee agreed and recommend the proposal for timeline extension of 06 months up to 28 February 2026.
- f) In the 3<sup>rd</sup> PSC meeting held on 15 December 2025, the committee deferred the timeline extension proposal since the agency was not present at the meeting to respond to the queries raised by the members. The PSC committee therefore advised DMG, Jharkhand to submit the status of procurement along with an action plan for completion of the work.
- g) The agency informed the committee about the status of procurement along with an action plan for completion of the work has been submitted to NMEDT and agency also requested for timeline extension. The committee agreed and recommended the proposal for Timeline extension of 7 month up to 31 March 2026 for procurement of 11 items and Timeline extension of 11 months up to 31<sup>st</sup> July 2026 for procurement of ICP- MS (Ultra-Pure Water System) and XRF.

#### ***Recommendation TCC-II***

***The committee recommended the proposal for approval of PSC for “Timeline extension of 7 month up to 31 March 2026 for procurement of 11 items and Timeline extension of 11 months up to 31st July 2026 for procurement of ICP- MS (Ultra-Pure Water System) and XRF.***

### **21.3 Review of Ongoing Projects/ Completed Project & Timeline Extension**

#### **Agenda 21.3.1 Preliminary Exploration (G3) for Limestone in Vadekhan Block in Rajkot District, Gujarat**

**[Implementing Agency: M/s PRB Infra Projects Private Limited]**

- a) The proposed exploration block of 6.19 sq.km. area, falls in Survey of India Toposheet numbers 41K/1 in parts of Rajkot District, Gujarat. The project was given in-principle approval in the 8<sup>th</sup> meeting of TCC-II, NMEDT, held on 28<sup>th</sup>, 29<sup>th</sup> April & 2<sup>nd</sup> May 2025.
- b) The project was recommended by 9<sup>th</sup> TCC-II held on 29<sup>th</sup> & 30<sup>th</sup> May 2025 and approved by 43<sup>rd</sup> EC held on 14<sup>th</sup> August 2025 with schedule time for 10 months. Sanction order was issued on 04.09.2025 with project completion date up to 3<sup>rd</sup> July 2026, the approved cost of the project was ₹ 68,61,237/-. Duration of review was scheduled after 4 months. Total 100 meter of drilling in 10 boreholes, with average depth of 10m was agreed. However, it was opined by the committee that Drilling will commence after review.
- c) The agency informed that drilling has been completed in this project, but analytical results of core samples are still awaited. So, the agency requested to present the project in next TCC-II meeting.

#### ***Recommendation TCC-II***

***The committee deferred the proposal for next TCC-II meeting.***

#### **Agenda 21.3.2 Preliminary Exploration (G3) for Limestone in Ishwariya Block, Gir Somnath District, Gujarat.**

**[Implementing Agency: M/s PRB Infra Projects Private Limited]**

- a) The proposed exploration block of 3.43 sq.km. area falls in Survey of India Toposheet number 41L/05, 41L/09 in parts of Gir Somnath District, Gujarat. The project was given in-principle approval in the 7<sup>th</sup> meeting of TCC-II, NMEDT, held on 24<sup>th</sup> and 25<sup>th</sup> March 2025.
- b) The project was recommended by 8<sup>th</sup> TCC-II held on 28<sup>th</sup>, 29<sup>th</sup> April & 2<sup>nd</sup> May 2025 and approved by 42<sup>nd</sup> EC held on 02<sup>nd</sup> June 2025 with schedule time for 10 months. Sanction Order was issued on 01<sup>st</sup> July 2025 with project completion date up to 30<sup>th</sup> May 2026 the approved cost of the project was ₹70,43,860 Lakh (including GST). Duration of review was scheduled after 4 months. Total 120 meters of drilling in 06 boreholes, with average depth of 20m was agreed.
- c) The agency informed that Geological mapping of 3.43 sq. km area on 1:4000 scale and 11-point DGPS survey has been done and presented the Outcrop map.
- d) The committee agreed for commencement of drilling in 6 boreholes with total depth of 120m.
- e) The TCC-II Committee advised the agency to initially plan one borehole in the north-western sector and one borehole in the south-eastern sector of the project area, with the objective of understanding the sub-surface occurrence and continuity of limestone. This preliminary information shall be utilized to appropriately optimize the overall drilling quantum in subsequent stages.

***Recommendation TCC-II***

***The Committee advised the agency to initially plan one borehole each in the north-western and south-eastern sectors to assess the sub-surface occurrence and continuity of limestone.***

**Agenda 21.3.3 Reconnaissance Survey (G4) for Limestone in Bhatiya Area in the Village Bhatiya-Gokalpur, District- Devbhumi Dwarka, Gujarat**

**[Implementing Agency: M/s PRB Infra Projects Private Limited]**

- a. The proposed block of 6.33 sq. km. area falls in Survey of India Toposheet no. 41F/4 and 41F/8 in parts of Devbhumi Dwarka, Gujarat. The project received in-principle approval during the 4<sup>th</sup> meeting of TCC-II, NMEDT, held on 26<sup>th</sup> and 27<sup>th</sup> December 2024.
- b. The project was recommended by 5<sup>th</sup> TCC-II held on 27<sup>th</sup>, 28<sup>th</sup> and 29<sup>th</sup> January 2025 and approved by 40<sup>th</sup> EC held on 21<sup>st</sup> February 2025 with schedule time for 08 months. Sanction Order was issued on 03<sup>rd</sup> March 2025 with project completion data up to 02<sup>nd</sup> November 2025. The approved cost of the project was ₹ 69,61,409/- Lakh (including GST). Duration of review was scheduled after 5 months. Total 40 meters of drilling in 03 boreholes was agreed.
- c. Further, during the 13<sup>th</sup> TCC-II meeting, the agency requested a timeline extension of two months, up to 2<sup>nd</sup> January 2026. The committee accepted the request and approved the proposed two-month extension for completion of the project.
- d. The agency informed that 120m of drilling is still pending and requested for timeline extension of 2 months up to 2<sup>nd</sup> March 2026.

***Recommendation TCC-II***



- ***The committee recommended the proposal for approval of PSC for “timeline extension of 2 months up to 2nd March 2026 for completion of the project”***

**Agenda 21.3.4 Preliminary Exploration (G-3) for REE and Associated Minerals in Borana Block, Bhilwara District, Rajasthan**  
**[Implementing Agency: M/s GeoExpOre Private Limited]**

- a) GeoExpOre informed that the project was approved in the 35th EC Meeting held on 16<sup>th</sup> May 2024. The sanction order was issued on 10<sup>th</sup> June 2024 with timeline of 12 months (up to 09.06.2025) and approved cost was ₹1,46,98,108/-.
- b) GeoExpOre informed that REE minerals were confirmed through EPMA studies; 6 boreholes with a total drilling depth of 400m were proposed, and the Committee advised exploration of REE minerals beyond allanite, analysis of radioactive minerals as per AMD guidelines, maintaining 200 m borehole spacing for G-3 REE exploration, and agreed to an additional 74 m of drilling. Further the committee revised the cost of ₹166.30 Lakh (including GST) and total Drilling of 474m in 6 Boreholes was agreed.
- c) Further, in the 8<sup>th</sup> TCC-II meeting agency requested for timeline extension of 5 months up to 9th November 2025 for completion of the project and for GR submission. The committee recommended the project for timeline extension and noted that no further extension will be given for this project beyond this extended timeline. In 42<sup>nd</sup> EC held on 02<sup>nd</sup> June 2025 the timeline extension of 5 months up to 9<sup>th</sup> November 2025 was approved.
- d) In 16<sup>th</sup> meeting of TCC-II the agency requested for further timeline extension of 3 months up to 8<sup>th</sup> February 2026. Timeline extension was approved by 3<sup>rd</sup> PSC held on 15<sup>th</sup> December 2025, as the Work delayed since agency's notification was not valid.
- e) In the 11th TCC-II meeting, the committee observed that the drilled boreholes core recovery was less than the described standard limit in NMEDT SOP. GeoExpOre informed the committee about the weathered zone encountered in the boreholes leading to less core recovery. Further the agency requested the committee for one-time relaxation for reduced core recovery in boreholes RJB-01 and RJB-02 in both the weathered and mineralized zones.
- f) The TCC-II allowed for one-time relaxation of reduced core recovery in boreholes RJB-01 and RJB-02 for both the weathered and mineralized zones and advised for adherence to NMEDT SOP standards for future work. The TCC-II opined that initially approved quantum of work to be continued as per timeline. Analysis to be done on priority basis.
- g) The agency informed that geological mapping of 1.14 sq. km. area has been completed along with 100 cu m of pitting/trenching and drilling of 474.64 m in 5 boreholes. Further timeline extension for 3 months up to 7th May 2026 was requested by the agency.

***Recommendation TCC-II***

**The TCC-II Committee will review the project outcomes after receipt of the analysis of borehole core samples in the upcoming TCC-II meeting.**

**Agenda 21.3.5 Reconnaissance Survey (G4) for tungsten and associated minerals in Hanspur Area, Jhansi District, Uttar Pradesh.**  
**[Implementing Agency: Mineral Exploration and Consultancy Limited (MECL)]**

- a) MECL informed that the project was recommend in the 3<sup>rd</sup> TCC-II held on 5<sup>th</sup> and 6<sup>th</sup> December 2024 and it was approved in the 39<sup>th</sup> EC Meeting held on 24<sup>th</sup> January 2025. The sanction order was issued on 20<sup>th</sup> February 2025 with timeline of 10 months up to 19<sup>th</sup> December 2025 and approved cost was ₹1,61,96,561/-. Review of the project was scheduled after 4 months. The approved scout drilling with depth of 500m in 5 Borehole will commence after review
- b) MECL informed that geological mapping of 74.34 sq. km. area on 1:12,500 scale has been completed along with collection of 216 nos. of BRS. Out of which 64 nos. of samples showed >200ppm W, 57 nos. of samples showed >100ppm Co and one sample showed 1658.33ppm Pb while other samples range from 1ppm to 109.34ppm Pb. In the identified zones 3 nos. of reefs have been selected for drilling of 5 nos. of Boreholes. The agency also requested for timeline extension of 06 months up to 30<sup>th</sup> June 2026 and outsourcing of 500m drilling work.
- c) Further, agency informed that the first-phase investigations established the Tungsten mineralized zones in Quartz vein exposed in the block. During the review meeting the outcome of 1<sup>st</sup> phase work was deliberated and discussed, accordingly Committee recommended for systematic sub-surface evaluation through drilling for geometry of the mineralized zone/body.
- d) The TCC-II Committee agreed to the commencement of drilling of three boreholes in the easternmost zone. The requirement for an additional two boreholes shall be decided after review of the results. During petrographic analysis, particular attention shall be given to identifying any carbonate veins and their correlation with mineralization. Further, the agency requested an extension of the project timeline by six months, up to 30<sup>th</sup> June 2026, for completion of the project.
- e) The agency request for outsource of the drilling component of the project.
- f) The Committee advised the agency to submit a proper justification for outsourcing the drilling component of the project to NMEDT for approval of PSC.
- g) The committee also agreed for recommending the project timeline extension of 06 months up to 30<sup>th</sup> June 2026.

#### **Recommendation TCC-II**

- ***The TCC-II agreed for commencement of drilling in 3 boreholes. Additional 2 boreholes will be decided after review.***
- ***The Committee advised the agency to submit a proper justification for outsourcing the drilling component of the project to NMEDT for approval of PSC.***
- ***The committee recommended for approval of the PSC for "Outsourced drilling of 500m in the project and timeline extension of 06 months up to 30<sup>th</sup> June 2026 for completion of the project.***
- ***The item has also been recommended to PSC for approval of revised cost from ₹161.97 lakh to ₹ 159.90 lakh, Annexure-4***

**COST ESTIMATE FOR PROPOSED RECONNAISSANCE SURVEY (G-4) FOR TUNGSTEN & ASSOCIATED MINERALS IN HANSPUR BLOCK,  
DISTRICT - JHANSI, UTTAR PRADESH**

**Total Area - 74.34 0sq km;**

**Scout drilling: 500m, 5BH**

**Completion Time - 10 Months,**

**Review: after 4 months**

**Implementing Agency: MECL**

S.N	Item of Work	Unit	Rates as per NMEDT SoC 2020-21		Estimated Cost of the Proposal (FY 2025-26)		Revised Estimated Cost		Remarks
			SoC-Item -SI No.	Rates as per SoC	Qty.	Total Amount (Rs)	Qty.	Total Amount (Rs)	
<b>A</b>	<b>GEOLOGICAL WORK</b>								
a	Charges for one Geologist per day at HQ for monitoring, data processing etc.	day	1.3	9,000	60	5,40,000	60	5,40,000	
b	Charges for one Geologist per day at field for geological mapping (1:12,500 scale), bedrock sampling, trenching and logging (1 party)	day	1.3	11,000	180	19,80,000	180	19,80,000	This includes Luminiscent surevy to be carried out in late hours.
c	Labour (2 Nos)	day	5.7	526	360	1,89,360	360	1,89,360	Amount will be reimburse as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
d	Charges for one Sampler per day (1 Party) for geochemical, bedrock, trenching and core samples	one sampler per day	1.5.2	5,100	48	2,44,800	48	2,44,800	

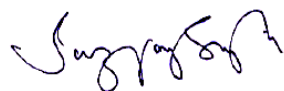
e	Labours (4 Nos)	day	5.7	526	192	1,00,992	192	1,00,992	Amount will be reimburse as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
<b>2</b>	<b>Survey</b>							-	
b	Bore Hole Fixation and determination of co-ordinates & Reduced Level (RL) of the boreholes and one reference point by DGPS	Per Point of observation	1.6.2	19,200	6	1,15,200	5	96,000	
	<b>Sub-Total A</b>					<b>31,70,352</b>		<b>31,51,152</b>	
<b>B</b>	<b>MINERAL INVESTIGATION</b>								
<b>1</b>	<b>Pitting &amp; Trenching</b>								
a	Trenching	per cu. m	2.1.2	3800	0	-		-	
<b>2</b>	<b>DRILLING</b>						<b>Drilling (Outsource)</b>		
a	Core Drilling (NQ size)	m	2.2.1.5a	12,650	500	63,25,000	500	63,25,000	05 bhs to be drilled through outsourcing
b	Land / Crop Compensation (in case the BH falls in agricultural Land)	per borehole	5.6	20,000	5	1,00,000	5	1,00,000	Amount will be reimbursed as per actuals or max. Rs. 20000 per BH with certification from local authorities.
c	Construction of concrete Pillar (12"x12"x30")	per point	2.2.7a	2,000	5	10,000		-	05 bhs points
d	Transportation of Drill Rig & Truck associated per drill	Km	2.2.8	36	1,500	54,000		-	1500 km to and for for 1 Rig
e	Monthly Accommodation Charges for drilling Camp	month	2.2.9	50,000	4	2,00,000		-	

f	Drilling Camp Setting Cost	Nos	2.2.9a	2,50,000	1	2,50,000		-	1 Rig
g	Drilling Camp Winding up Cost	Nos	2.2.9b	2,50,000	1	2,50,000		-	1 Rig
h	Road Making (Rugged/Hilly Terrain)	per km	2.2.10b	32,200	3	96,600		-	Road Making will be considered as per the requirement and Road Making Charges will be reimbursed accordingly.
i	Drill Core Preservation	per m	5.3	1,590	200	3,18,000	200	3,18,000	
j	Tendering process cost	One time	2.3	2% of the approved project cost or 5 lakh whichever is lower will be paid one time to Exploration Agency			1	1,26,500	
k	Operational Charges	One time	6.iii	₹5.00 lakh plus 7.5 percent on the balance amount of outsourced cost in excess of ₹50 lakhs will be paid to Exploration Agency towards operational charges.			1	5,99,375.00	
	<b>SUB-TOTAL B</b>					<b>76,03,600</b>		<b>74,68,875</b>	
<b>C</b>	<b>LABORATORY STUDIES</b>								
<b>1</b>	<b><u>Chemical Analysis</u></b>								
<b>I</b>	<b>Primary &amp; Check Samples from Surface outcrop and channel sample (BRS/Soil /Channel Samples)</b>								
<b>i)</b>	<b>Primary samples</b>								

	a. For W, Sn, Mo, Co, Cu, Pb, Zn, Ta,Nb, K by AAS method	Nos	4.1.7a	4,181	250	10,45,250	250	10,45,250	216 samples analysed in phas-1, remaining 34 nos. will be collected during drilling phase as suggested by TCC
	a. 10% of primary samples will be studied for 34 elemental analysis by IC-PMS method	Nos	4.4.14	7,731	25	1,93,275	25	1,93,275	
<b>ii)</b>	<b>External check samples (10%)</b>								
	a. For W, Sn, Mo, Co, Cu, Pb, Zn, Ta,Nb, K by AAS method	Nos	4.1.7a	4,181	25	1,04,525	25	1,04,525	
<b>III</b>	<b>Primary &amp; Check Samples from Core Samples</b>								
<b>i)</b>	<b>Primary samples</b>								
	a. For W, Sn, Mo, Co, Cu, Pb, Zn, Ta,Nb, K by AAS method	Nos	4.1.7a	4,181	75	3,13,575	75	3,13,575	
<b>ii)</b>	<b>External check samples (10%)</b>								
	a. For W, Sn, Mo, Co, Cu, Pb, Zn, Ta,Nb, K by AAS method	Nos	4.1.7a	<b>4,181</b>	<b>8</b>	<b>31,358</b>	8	33,448	
<b>2</b>	<b><u>Physical &amp; Petrological Studies</u></b>								
<b>i)</b>	XRD studies for identification of minerals (Random)	Nos.	4.5.1	4,000	10	40,000	10	40,000	
<b>ii)</b>	SEM-EDX Studies	per hour	4.4.2	2,940	16	47,040	16	47,040	
<b>iii)</b>	EPMA studies	per hour	4.4.1	8,540	16	1,36,640	16	1,36,640	
<b>iv)</b>	Complete Petrographic Studies	Nos.	4.3.4	4,232	10	42,320	10	42,320	
<b>v)</b>	Complete Mineragraphic Studies	Nos.	4.3.4	4,232	10	42,320	10	42,320	

<b>3</b>	<b><u>Geotechnical Laboratory</u></b>								
<b>i.</b>	Specific Gravity Determination	No.	4.8.1	3,540	5	17,700	5	17,700	
	<b>Sub-Total -C</b>					<b>20,14,003</b>		<b>20,16,093</b>	
<b>D</b>	<b>Total A to C</b>					<b>1,27,87,955</b>		<b>1,26,36,120</b>	
<b>E</b>	<b>Geological Report Preparation</b>	<b>5 Hard copies with a soft copy</b>	<b>5.2</b>	For the projects exceeding ₹50 lakh but less than 150 lakh: A Minimum of ₹2.5 lakh or 5% of the work whichever is more		<b>6,39,398</b>		<b>6,31,806</b>	
<b>F</b>	<b>Peer review Charges</b>		<b>As per EC decision</b>			<b>30,000</b>		<b>30,000</b>	
<b>G</b>	<b>Preparation of Exploration Proposal (5 Hard copies with a soft copy)</b>	<b>5 Hard copies with a soft copy</b>	<b>5.1</b>	<b>2% of the Cost or Rs. 3.8 Lakhs whichever is lower</b>		<b>2,68,547</b>		<b>2,52,722</b>	
<b>H</b>	<b>Total Estimated Cost without GST</b>					<b>1,37,25,899</b>		<b>1,35,50,648</b>	
<b>I</b>	<b>Provision for GST (18% of J)</b>	<b>%</b>				<b>24,70,662</b>		<b>24,39,117</b>	GST will be reimburse as per actual and as per notified prescribed rate
<b>J</b>	<b>Total Estimated Cost with GST</b>					<b>1,61,96,561</b>		<b>1,59,89,765</b>	

		<i>or Say Rs., In Lakhs:</i> 161.97		159.90	
<b>Note:</b>					
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 Soc SI No. 6 of NMEDT SoC. In case of execution of the project by NEA/NPEA 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.				
6	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency				




**Agenda 21.3.6 Preliminary Exploration (G3) for copper and associated minerals in Singhana Bhodan Block, District Jhunjhunu, Rajasthan.**

**[Implementing Agency: Mineral Exploration and Consultancy Limited (MECL)]**

- a) MECL informed that the project was recommend in 6<sup>th</sup> TCC-II held on 27<sup>th</sup> and 28<sup>th</sup> February 2025 & 6<sup>th</sup> March 2025 and it was approved in the 41<sup>st</sup> EC Meeting held on 11<sup>th</sup> March 2025. The sanction order was issued on 19<sup>th</sup> March 2025 with timeline of 15 months up to 18<sup>th</sup> June 2026 and approved cost was ₹10,54,42,905/-. Reviewed of the project was scheduled after 6 months & 12 months. Drilling in eleven (11) boreholes with depth range from 350m to 600m with total 4,600 drilling meterage was agreed.
- b) MECL informed that geological mapping of an area of 3.36 sq. km at a scale of 1:2000, along with a topographical survey of the same area at 2 m contour interval, has been completed. The agency presented the geophysical results and based on the identified geophysical anomalies, and interpretation the agency requested for drilling of 11 boreholes in the area, comprising seven boreholes in the southern zone, three boreholes in the central zone, and one borehole in the north-western zone.
- c) The TCC-II Committee advised the commencement of drilling of four boreholes, comprising three boreholes in the southern zone at 400 m spacing and one borehole in the central zone. The analytical results of these four boreholes will be reviewed by the Committee, and subsequent drilling shall be taken up after review.

***Recommendation TCC-II***

***The committee advised commencement of drilling in 4 boreholes including 3 boreholes in southern zone in 400m spacing and 1 borehole in central zone and Subsequent drilling after review.***

**Agenda 21.3.7 Preliminary (G3) Exploration for Iron and Bauxite ore in Amoch Chapra Block, Jabalpur & Katni District, Madhya Pradesh.**

**[Implementing Agency: Mineral Exploration and Consultancy Limited (MECL)]**

- a. The project was recommended in 65<sup>th</sup> TCC meeting held on 28<sup>th</sup>, 30<sup>th</sup> & 31<sup>st</sup> May 2024 and approved by 36<sup>th</sup> EC held on 29<sup>th</sup> July 2024. The sanction Order was issued on 29/08/2024 with timeline of 10 months up to 28<sup>th</sup> June 2025 and approved cost was ₹ 1,06,83,673/-.
- b. In the 11<sup>th</sup> TCC-II Meeting MECL informed that geological mapping of 4.86 sq. km area in 1:4000 scale along with topographical survey at 2m contour interval of the same area has been completed. Total 15 boreholes have been drilled out of which analysis for 12 borehole samples completed so far. Further, the agency requested for timeline extension of 06 months up to 31<sup>st</sup> December 2025, delay in the project due to forest permission of three borehole in Katni part.
- c. The agency informed that the progress of the project has been delayed due to pending forest clearance for the drilling of three boreholes in the Katni area. The lack of requisite forest permission has temporarily hindered the commencement of these drilling activities, impacting the overall project timeline.
- d. The Amoch-Chhapra (G-3) block was carved out from Salaiya G-4 block, potential for Iron & Bauxite mineralization. This block is recommended by 65<sup>th</sup> TCC of NMEDT, in May 2024 and approved by 36<sup>th</sup> EC of NMEDT on 29<sup>th</sup> August 2024.

- e. The TCC-II agreed for recommending the project for timeline extension of 03 months up to 31<sup>st</sup> March 2026 for geological report submission.

**Recommendation TCC-II**

- ***The committee recommended the proposal for approval of PSC for “timeline extension of 03 months up to 31st March 2026 for completion of the project and geological report GR submission.***
- ***The delayed due to pending forest clearance for the drilling of three boreholes in the Katni area. The lack of requisite forest permission has temporarily hindered the commencement of these drilling activities, impacting the overall project timeline.***

**Agenda 21.3.8 Preliminary Exploration (G3) for Tungsten and Tin ore in Murara Devendrapura Block, Niwari District, Madhya Pradesh.**

**[Implementing Agency: Mineral Exploration and Consultancy Limited (MECL)]**

- a) MECL informed that the project was approved in the 36th EC Meeting held on 29th July 2024. The sanction order was issued on 29th August 2024 with timeline of 12 months (up to 28.08.2025) and approved cost was INR 3,08,80,588/-.
- b) MECL informed that EC had informed that the approved quantum was 1250m of drilling in 11 no's Bhs through in-house recourses of MECL. However, MECL requested for outsourcing of drilling of 1250 m to speed up the exploration and adhere the timeline.
- c) In the 11<sup>th</sup> TCC-II meeting, the agency requested for outsourced drilling in place of approved in-house drilling and timeline extension of 05 months up to 31st January 2026.
- d) The committee recommends the proposal for the approval of PSC for “outsourced drilling in place of approved in-house drilling and timeline extension of 05 months up to 31st January 2026.and it was approved in 1<sup>st</sup> PSC meeting.
- e) The agency again requested for timeline extension of 3 months up to 30<sup>th</sup> April 2026.
- f) The TCC-II, Committee agree for timeline extension of 3 months up to 30<sup>th</sup> April 2026.

**Recommendation TCC-II**

***The committee recommended the proposal for approval of PSC for “timeline extension of 03 months up to 30<sup>th</sup> April 2026 for completion of the project”.***

**Agenda 21.3.9 Preliminary Exploration (G-3) for Magnetite and associated Vanadium mineralization in Khursipar Block, District: Gondia, Maharashtra.**

**[Implementing Agency: Mineral Exploration and Consultancy Limited (MECL)]**

- a) The project was recommended in 74th meeting of TCC-I held on 20th and 21st February 2025 and approved in 41st EC meeting held on 11th March 2025 for ₹273.10 Lakh with timeline of 12 months up to 18th March 2026. The project was reviewed in 16th TCC-II held on 3rd & 6th November 2025.
- b) In the 19<sup>th</sup> TCC-II meeting, MECL informed that as the drilling area falls under forest land, they have applied for forest clearance. All in-house drill rigs are currently deployed in NMEDT and other approved projects during the productive season and immediate mobilization of inhouse rigs not feasible upon grant of forest clearance. So, the agency requested for approval of outsourced drilling in this project.



- c) In the 19<sup>th</sup> TCC-II meeting, the committee opined that doing this may cause financial complexity for already approved project. The Committee did not agree to the proposal for outsourcing of drilling for this project.
- d) The MECL again requested for approval of outsourced drilling in this project and timeline extension of 03 months up to 17<sup>th</sup> June 2026 and outsourcing of the drilling work.
- e) The Committee advised the agency to submit a proper justification for outsourcing the drilling component of the project to NMEDT for approval of PSC and committee also agreed for recommending the project timeline extension of 03 months up to 17<sup>th</sup> June 2026.

**Recommendation TCC-II**

- ***The committee recommended the proposal for approval of PSC for “outsourcing of the drilling work and timeline extension of 03 months up to 17th June 2026 for completion of the project.***
- ***The item has also been recommended to PSC for approval of revised cost from ₹273.10 lakh to ₹270.40 lakh, Annexure-5***



**Estimated cost for Preliminary Exploration (G-3 Stage) for Magnetite and Associated Vanadium Mineralisation in Khursipar Block, District- Gondia, Maharashtra**  
**Block area- 3.10 sq. km; No. of Boreholes-17, Borehole Depth- 60m, Schedule timeline- 12 months, Review: 4 month and 8 months**  
**Implementing Agency: MECL**

S. No.	Item of Work	Unit	Rates as per NMEDT SoC 2020-21		Modified Cost of the Proposal		Modified Cost of the Proposal		Remarks
			SoC- Item -Sl No.	Rates as per SoC					
					Qty.	Amount (Rs)	Qty.	Amount (Rs)	
A	GEOLOGICAL WORK								
1	Geological Mapping (1:2000), borehole logging, sampling & Report writing								
i	Charges for one Geologist- Field	day	1.2	11,000	140	15,40,000	130	14,30,000	
ii	Charges for one Geologist per- HQ	day	1.2	9,000	50	4,50,000	50	4,50,000	
iii	2 labours/ party (As per rates of Central Labour Commissioner)	day	5.7	526	280	1,47,280	260	1,36,760	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
iv	Trench and Core Sampling -1 Samplers Labour charge not included	day	1.5.2	5,100	67	3,41,700	67	3,41,700	
v	4 labours/ party for smpling (As per rates of Central Labour Commissioner)	day	5.7	526	268	1,40,968	268	1,40,968	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher

2	<b>Topographical survey (on 1:2000 Scale)</b>								
i	Bore Hole Fixation and determination of co-ordinates & Reduced Level of the boreholes by DGPS and boundary coordinates	Per Point of observation	1.6.2	19,200	24	4,60,800	16	3,07,200	17 BHs and 7 boundary coordinates
ii	Charges of Surveyor	one surveyor per day	1.6.1a	8,300	30	2,49,000	30	2,49,000	
iii	Labours Charges for survey work;	day	5.7	526	120	63,120	120	63,120	Amount will be reimbursed as per the notified rates for unskilled labour by the Central Labour Commissioner or respective State Govt. whichever is higher
	<b>Sub Total- A</b>					<b>33,92,868</b>		<b>31,18,748</b>	
<b>B</b>	<b>PITTING AND TRENCHING</b>								
i	Trenching / Pitting (1m x 2mx 75 m)	Cu m	2.1.1	3330	150	4,99,500	150	4,99,500	
	<b>Sub Total- B</b>					<b>4,99,500</b>		<b>4,99,500</b>	
<b>C</b>	<b>DRILLING (Outsourced)</b>								
i	Drilling up-to 300m (Hard Rock) (1 rigs )	m	2.2.1.5a	12,650	1,000	1,26,50,000	1,000	1,26,50,000	
ii	Borehole deviation Survey	m	2.2.6	330	-	-	-	-	
iii	Land / Crop Compensation	per BH	5.6	20,000	17	3,40,000	-	-	Amount will be reimburse as per actuals or max. Rs. 20000 per BH with certification from local authorities
iv	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7a	2,000	24	48,000	-	-	17 BHs and 7 boundary points

v	Transportation of Drill Rig & Truck associated per drill	Km	2.2.8	36	350	12,600	-	-	To & fro Nagpur
vi	Monthly Accommodation Charges for drilling Camp (up to 2 Rigs)	month	2.2.9	50,000	4	2,00,000	-	-	
vii	Drilling Camp Setting Cost	Nos	2.2.9a	2,50,000	1	2,50,000	-	-	
viii	Drilling Camp Winding up Cost	Nos	2.2.9b	2,50,000	1	2,50,000	-	-	
ix	Approach Road Making (Flat Terrain)	Km	2.2.10b	22,020	5	1,10,100	-	-	
x	Core Preservation: One complete borehole plus mineralised cores of all the remaining Bhs	m	5.3	1,590	300	4,77,000	300	4,77,000	
xi	Tender process cost	one time, in case of outsourced components of project work	2.3	2% of the approved project cost or 5 lakh whichever is lower will be paid one time to exploration agency				2,53,000	
xii	Operational Charges	One time	6.iii	<b>Total outsourced cost more than ₹1 crore:</b> Cost for outsourced component(s) of project work will be reimbursed as per actuals. In addition, ₹8.75 lakh plus 5 percent on the balance amount of outsourced cost in excess ₹1 crore will be paid to Exploration Agency towards operational charges.				10,07,500	
	<b>Sub Total- C</b>					<b>1,43,37,700</b>		<b>1,43,87,500</b>	
<b>D</b>	<b>LABORATORY STUDIES</b>								
<b>1</b>	<b>Chemical Analysis</b>								
<b>i</b>	<b>Primary &amp; Check samples</b>								

	a. Primary Samples for total Fe, FeO, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , P, S, TiO <sub>2</sub> , MnO, MgO, V, Sc, Ni, Co	Nos	4.1.15a and 4.1.15b	6,305	450	28,37,250	450	28,37,250	Trench/bedrock-200, BH-250
	b-External(10%) Check samples from NABL Lab for total Fe, FeO, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , P, S, TiO <sub>2</sub> , MnO, MgO, V, Sc, Ni, Co	Nos	4.1.15a and 4.1.15b	6,305	45	2,83,725	45	2,83,725	
	c. PGE	Nos	4.1.5d	11,800	20	2,36,000	20	2,36,000	
	d. 34 element ICPMS Study	Nos	4.1.14	7,731	20	1,54,620	20	1,54,620	Surface samples-10 and core sample- 10
<b>2</b>	<b>Physical &amp; Petrological Studies</b>							-	
i	Preparation of thin section	Nos	4.3.1	2,353	10	23,530	10	23,530	
ii	Complete petrographic study report	Nos	4.3.4	4,232	10	42,320	10	42,320	
iii	Preparation of polished section	Nos	4.3.2	1,549	10	15,490	10	15,490	
iv	Complete mineragraphic study report	Nos	4.3.4	4,232	10	42,320	10	42,320	
v	Digital Photographs	Nos	4.3.7	280	10	2,800	10	2,800	
vi	XRD Analysis for mineral phase study	Nos	4.5.1	4,000	10	40,000	10	40,000	
vii	Determination of Fine: Lump ratio	cu m	4.9	6,523		-		-	
viii	Bulk density determination	Nos	4.1	3,540	5	17,700	5	17,700	
	<b>Sub Total- D</b>					<b>36,95,755</b>		<b>36,95,755</b>	
<b>E</b>	<b>Total A to D</b>					<b>2,19,25,823</b>		<b>2,17,01,503</b>	
<b>F</b>	<b>Geological Report Preparation</b>		<b>5.2</b>	For the projects having cost		<b>7,50,000</b>		<b>7,50,000</b>	

				exceeding Rs. 150 lakhs but less than Rs. 300 lakhs - A minimum of Rs. 7.5 lakhs or 3% of the value of work whichever is more				
<b>G</b>	<b>Peer review Charges</b>		<b>As per EC decision</b>		<b>30,000</b>		<b>30,000</b>	
<b>H</b>	<b>Preparation of Exploration Proposal (5 Hard copies with a soft copy)</b>	<b>5 Hard copies with a soft copy</b>	<b>5.1</b>	2% of the Cost or Rs.5 Lakhs whichever is lower	<b>4,38,516</b>		<b>4,34,030</b>	
<b>I</b>	<b>Total Estimated Cost without GST</b>				<b>2,31,44,339</b>		<b>2,29,15,533</b>	
<b>J</b>	<b>Provision for GST (18% of I)</b>				<b>41,65,981</b>		<b>41,24,796</b>	GST will be reimburse as per actual and as per notified prescribed rate
<b>K</b>	<b>Total Estimated Cost with GST</b>				<b>2,73,10,321</b>		<b>2,70,40,329</b>	
	<b>Rs. (in lakhs)</b>				<b>273.10</b>		<b>270.40</b>	
<b>Note:</b>								
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 Soc SI No. 6 of NMEDT SoC. In case of execution of the project by NEA/NPEA 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.							
6	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency							

**Agenda 21.3.10 Preliminary Exploration (G3) for Tin in Kangra Block Tehri Garhwal - District, Uttarakhand.**

**[Implementing Agency: Mineral Exploration and Consultancy Limited (MECL)]**

- a) MECL informed that the project was recommended in 2nd meeting of TCC-II held on 22nd and 23rd October 2024 and approved in 38th EC meeting held on 29th November 2024 for ₹604.91 Lakh with timeline of 15 months up to 12 March 2026.
- b) The project was discussed in 16th meeting of TCC-II held on 3rd & 6th November 2025 for seeking approval for changing the mode of execution of the drilling component of the project from in-house implementation to outsourcing through an external agency. The cost sheet was revised and recommended by TCC-II for PSC. Outsourcing of drilling component was deferred by 3<sup>rd</sup> PSC Committee.
- c) The agency again requested approval for outsourcing the drilling component of the project. However, the TCC-II Committee did not agree to the outsourcing of the drilling component and, accordingly, did not recommend the proposal for approval.

**Recommendation TCC-II**

***The committee did not recommend the proposal for approval.***

**Agenda 21.3.11 Preliminary Exploration (G3) for REE Mineralization in Maravapalayam Block, Tiruppur District, Tamil Nadu.**

**[Implementing Agency: Mineral Exploration and Consultancy Limited (MECL)]**

- a) MECL informed that the project was approved in the 37th EC Meeting held on 23rd September 2024. The Sanction Order was issued on 22nd October 2024 with timeline of 12 months (up to 21.10.2025) and approved cost was INR 1,25,17,179/-. The agency requested for approval of outsourcing of the drilling work component in the project.
- b) In the 80<sup>th</sup> TCC-I meeting committee reviewed the progress of project and advised MECL to expedite the analysis and come back again in the month of October with analysis, including the analytical values of pit samples G4 level investigation.
- c) In the 85<sup>th</sup> TCC-I Meeting agency requested for timeline extension 6 months, up-to 21.04.2026, accordingly, the committee approved the timeline extension of 6 months, up-to 21.04.2026, subject to submission of justification for delay in work to NMEDT secretariat.
- d) The agency again requested approval for outsourcing the drilling component of the project. However, the TCC-II Committee did not agree to the outsourcing of the drilling component and, accordingly, did not recommend the proposal for approval.

**Recommendation TCC-II**

***The committee did not recommend the proposal for approval.***

**Agenda 21.3.12 Regional Mineral Targeting (RMT) in parts of AMGC and associated granites West Khasi Hill and East Garo Hill Districts, Meghalaya.**

**[Implementing Agency: Maheshwari Mining Private Limited (MMPL)]**

- a) The proposed RMT block of 2174.95 sq. Km. falls in parts of Toposheet nos. 78K/14, 78O/2, 78O/3, 78O/7 in West Khasi Hills, South-west Khasi Hills, East Khasi Hills, East Garo Hills, South Garo Hills, Kamrup districts, Assam

- b) MMPL informed that the project was approved in the 1st Joint meeting of TCC-I & TCC-II for assessment of allotted Regional Mineral Targeting (RMT) blocks held on 7th & 8th July 2025 and was approved in 43<sup>rd</sup> EC Meeting held on 14<sup>TH</sup> August 2025. The Sanction Order was issued on 04<sup>th</sup> October 2025 with timeline of 24 months up to 03<sup>rd</sup> October 2027 and approved cost was INR 17,81,89,963/-. The item will be reviewed after completion of each phase of exploration. and the recommendations are for purpose of initiating the project. The final costing will be done after the revised SoC of NMEDT is issued.
- c) The agency present the Phase-I study involved systematic integration of available multi-disciplinary geoscientific data, including geological knowledge of the area from GSI published reports covering parts of the RMT block (Table-9), geochemical data in the form of stream sediment, regolith and C-horizon samples generated under NGCM, geophysical data (gravity and magnetic) from NGPM, and remote sensing data processed from open sources, which were utilised to interpret anomalous zones, delineate geological structures such as lineaments and faults, and prioritise potential areas of mineral prospects for further field verification. Accordingly, Phase-II will focus on target validation, refinement, and resource-oriented investigations.
- d) The Committee decided to defer the proposal for consideration in a forthcoming TCC-II meeting and revised the cost sheet in accordance with the reviewed SoC.

#### ***Recommendation TCC-II***

***The Committee decided to defer the proposal for consideration in a forthcoming TCC-II meeting and revised the cost sheet in accordance with the reviewed SoC.***

#### **Agenda 21.3.13 Reconnaissance Survey (G-4) for Limestone in Dhanokhar Nagod Limestone Block, Panna & Satna District, Madhya Pradesh.**

**[Implementing Agency: Madhya Pradesh State Mining Corporation Limited (MPSMCL)]**

- a) MPSMC informed that the project recommended in its 60th TCC meeting held on 27th -28 th December 2023 and was approved in the 33rd EC Meeting held on 19th February 2024. The sanction order was issued on 28th February 2024 with timeline of 09 months (up to 27.11.2024) and approved cost was INR 78,74,163/-.
- b) In the 7th TCC-II meeting was held on 24th and 25th March 2025. The MPSMCL presented the status of progress of work in this project. The agency further requested an extension of eight (08) months for submission of the GR. The Committee recommended the proposal for approval by the EC. Accordingly, the extension of eight (08) months, up to 27th July 2025, for submission of the GR was approved in the 42nd EC meeting held on 2nd July 2025.
- c) In the 20<sup>th</sup> TCC-II meeting the committee approved for timeline extension of ten (10) months up to 26 May 2026 for remaining work execution and submission of Geological report (GR) and it was approved 4<sup>th</sup> PSC meeting held on 13<sup>th</sup> January 2026.
- d) The agency presented the progress of the project work and asked approval for commencement of drilling in 10 boreholes (250m total depth). They also requested additional quantum of DGPS survey for borehole point fixation.
- e) The committee advice that adds some more structural data in Geological mapping.
- f) The TCC-II agreed for additional quantum of DGPS survey for borehole point fixation and commencement of drilling at 1600m grid pattern.

**Recommendation TCC-II**

- *The committee recommended the proposal for approval of PSC for “additional quantum of DGPS survey for borehole point fixation, The committee also agreed for commencement of drilling.*
- *The item has also been recommended to PSC for approval of revised cost from ₹78.74 lakh to ₹81.44 lakh, Annexure-7*

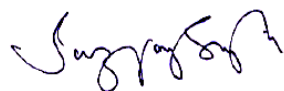


**Cost Sheet : Reconnaissance Survey (G-4) for Limestone in Dhanokhar Nagod Block (101 Sq.Km), Panna and Satna District, Madhya Pradesh**  
**Implementing Agency : The Madhya Pradesh State Mining Corporation Ltd.**

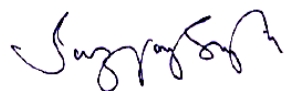
				Approved Cost			Revised Cost			
Sr No	Work / Activity	SOC Para	Unit	Rate (Rs)	Quantity	Amount (Rs)	Rate (Rs)	Quantity	Amount (Rs)	Remarks
1	Large scale Geological mapping (1:12500)		Charges for one geologist per day							
a	Geologist (Field) per day	1.2a	Field	11,000	120	13,20,000	11,000	120	13,20,000	
b	Labour for Geologist	5.7		504	240	1,20,960	504	240	1,20,960	
c	Geologist (HQ) per day	1.2b	HQ	9,000	30	2,70,000	9,000	30	2,70,000	
2	Pitting & Trenching	2.1								
a	Excavation for Pit	2.1.1	Per Cum	3,800	40	1,52,000	3,800	40	1,52,000	
3	Drilling in soft rock (Outsourced)	2.2.1.1b	per m	6,775	250	16,93,750	6,775	250	16,93,750	
3a	<b>DGPS Survey for BH fixation &amp; RL Determination (Outsourced)</b>	<b>1.6.2</b>	<b>Per point</b>				<b>19,200</b>	<b>10</b>	<b>1,92,000</b>	Requested for inclusion
4	Sampler	1.5.2		5,100	51	2,60,100	5,100	51	2,60,100	
5	Labour for Sampler	5.70		504	204	1,02,816	504	204	1,02,816	
6	Laboratory Studies	4								

a	Primary analysis (XRF Method)	4.1.15a	per sample	4,200	370	15,54,000	4,200	370	15,54,000	
b	Check Sample (Internal 10%)	4.1.15a	per sample	4,200	-	-	4,200	-	-	
c	Check Sample (External 10%)	4.1.15a	per sample	4,200	37	1,55,400	4,200	37	1,55,400	
d	Composite Samples	4.1.15a	per sample	4,200	-	-	4,200	-	-	
e	Additional 2 radicals (SO3 & P2O5)	4.17b	per sample	670	-	-	670	-	-	
7	Petrological Studies	4.3				-			-	
(i)	Preparation of standard thin section of rock	4.3.1	per sample	2,353	10	23,530	2,353	10	23,530	
(ii)	Digital photomicrograph of thin polished section	4.3.7	per sample	280	20	5,600	280	20	5,600	
(iv)	Complete Petrographic / Ore Microscopic Study/ Mineragraphic report of rock samples	4.3.4	per sample	4,232	10	42,320	4,232	10	42,320	
8	Geotechnical Studies	4.8	per sample							
a	In-situ Bulk density	4.1.10	per sample	3,540	-	-	3,540	-	-	
b	Bed moisture determination	4.11a	per sample	1,246	-	-	1,246	-	-	
c	Decripitation test for limestone/dolomite	4.7.3	per sample	1,200	-	-	1,200	-	-	
9	Drill Core Preservation	5.3	per m	1,590	200	3,18,000	1,590	200	3,18,000	

	<b>Sub Total</b>					<b>60,18,476</b>			<b>62,10,476</b>	<b>1,92,000</b>
10	Preparation of Exploration Proposal	5.1	One number (5 hardcopies) along with soft copy	2% or 5,00,000 whichever is low	1	1,20,370	2% or 5,00,000 whichever is low	1	1,24,210	
11	Geological Report Preparation	5.2	Cost per 5 hard copies of report along with soft copy	ii	1	<b>3,00,924</b>	ii	1	<b>3,10,524</b>	Amended as the DGPS Survey component is included
12	Tendering Process (2% or 5 lakhs whichever is less)	2.3	2.3			33,875			37,715	
13	Operational Charges	6				<b>1,69,375</b>			<b>1,88,575</b>	Amended as the DGPS Survey component is included in the outsourced component
14	Peer Review		As per EC decision			30,000			30,000	
	<b>Sub Total</b>					<b>66,73,019</b>			<b>69,01,499</b>	
	<b>GST @ 18%</b>					<b>12,01,143</b>			<b>12,42,270</b>	
	<b>Total</b>					<b>78,74,163</b>			<b>81,43,769</b>	




		<b>Rs in Lacs</b>	<b>78.74</b>			<b>81.44</b>	
<b>Note:</b>							
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 Soc SI No. 6 of NMEDT SoC. In case of execution of the project by NEA/NPEA 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.						
6	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency						




**List of participants attended 21<sup>st</sup> meeting of Technical-cum-cost Committee (TCC-II) of NMEDT held on 19<sup>th</sup> and 22<sup>nd</sup> January 2026 through video conferencing mode**

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