



খনিজ
সম্পদ
অন্বেষণ

GOVERNMENT OF ASSAM
DIRECTORATE OF GEOLOGY
AND MINING
BHU-BIGYAN BHAWAN
DAKHINGAON, KAHILIPARA,
GUWAHATI-19

Email: dgmassam@gmail.com
dgm.assam@gov.in

No. GM/ET/ 889/ 2736-38

Dtd. Guwahati, the 20th September, 2022.

From : Ananda Kumar Das, ACS.
Director,
Directorate of Geology & Mining, Assam,
Kahilipara, Guwahati-19.

To : The Director, NMET
Ministry of Mines, Govt. of India.
Shastri Bhawan, New Delhi

Ref : F. No.6/9/2015-NMET/71, Ministry of Mines, Govt. of India

Sub : Regarding submission of procurement proposal of items as machinery, software, and instruments etc. for successful accomplishment of mineral exploration work and essential for capacity building of the State DGM.

Sir,

With the reference and subject cited above, I have the honour to inform you that, for successful accomplishment of mineral exploration work and essential for capacity building of the State DGM, a proposal for procurement of machinery, software, instruments etc. is prepared as per the financial assistance from NMET as 10% of the approved projects (Annexure-1).

The proposal is prepared for procurement of machinery / equipment / chemical analysis instruments / software etc. with the approval of the Mines and Minerals Department, Govt. of Assam. Total cost for procurement is on the 10% of the total approved exploration project cost i.e., Rs. 10.34 crores.

The proposal is submitted for your kind perusal and necessary action.

Enclosure: As stated.

Yours faithfully,

Director,

Directorate of Geology and Mining, Assam.

Memo No. GM/ET/ 889/

Dtd. Guwahati, the 20th September/ 2022.

Copy to:

1. P.S. to the Secretary to the Govt. of Assam, Mines and Minerals Department for kind information.
2. Office copy.

Director,

Directorate of Geology and Mining, Assam.

PROPOSAL OF PROCUREMENT OF ITEMS AS MACHINARIES, EQUIPMENTS FROM NMET FUND AS 10% OF APPROVED PROJECTS FOR DGM, ASSAM.

Category	Item No.	Item	Requirements	Quantity	Price (Approximate)	Justification
Field Equipment	1	Geologist Field kit	Each Field Kit consist of Backpack, Hat, Hard Field Note Book, Magnifying Glass(10x), Water Bottle, Tracking Shoe, Rain Guard, Umbrella, Advanced Hand Lens, Extension Board, Sample Bag(150 Pic. of dimension (30 x30 cm)), Solar enabled Charging Light, Power Bank 25000 MAH)	15	300000	Required for Field Geologist
	2	Tablet For Field Geologist	8 GB RAM, 128 GB Storage Capacity , Android OS , 20 Megapixel Camera with pre installed Handy GPS and Avenza Software	15	300000	Required for Field Geologist
	3	Laptop	11th Gen Intel® Core™ i7-11390H , Windows 11 Home Single Language, English.NVIDIA® GeForce® MX450 with 2GB GDDR5 graphics memory or equivalent.15.6", FHD 1920x1080, 60Hz, Non-Touch, AG, WVA, LED-Backlit, Narrow Border, RAM 16 GB/8GB, 1 TB PCIe SSD, 1Y In-Home Hardware Service with HD 1280 x 720 at 30 fps camera Dual-array microphones. Post sale service required.	7	500000	Required for Field Geologist and Surveyor
	4	DSLR Cammera with Lens	High resolution DSLR camera with lens for photographic use. Minimum 3yrs post sale service required.	3	150000	Required for field geologist during the exploration works to capture the field photographs
	5	External HDD	Storage Capacity: 2 TB , Password Protected, Metal Body with cover case, USB 3.0 or More, Compatible with Windows OS.	15	100000	Required for field Geologist as well as HQ Geologist
Field Equipment	6	Printer	Colour Printer, Wireless, print speed up to 21 ppm (black) and 21 ppm (colour), USB, Ethernet, Wireless with colour ink	3	150000	Required for taking print out of maps, data, lithologs, reports etc. of the exploration projects.
	7	Digitize Toposheet (1:25000	For Iron ore ,NMET ,Lengupara , Goalpara toposheet no: 78 J/8 and 78 J/12 For Limestone ,NMET, Voteranglango , West Karbi-Anglong toposheet no. : 83 C/10 and 83 C/14 For Sillimanite ,NMET,Karbi-Anglong : 83 F/3 and 83 F/7. Both 1:25000 and 1:150000 Scale.	6	500000	For digitization, RADAR data analysis, digital image processing, post field mapping etc.
	8	ERDAS IMAGINE	Latest version Image processing and GIS software	1	1300000	For digitization, RADAR data analysis, digital image processing, post field mapping etc.
	9	Satellite imagery	High Resolution RGB Georeferenced , Ortho Corrected (2NOs.) , Medium Resolution RGB Georeferenced , Ortho Corrected (2NOs.) , RADAR IMAGE (2 Nos.) and Low resolution Gereferenced , accuracy upto 15 m	6	40500	For digitization, RADAR data analysis, digital image processing, post field mapping etc.
Software	10	Desktop	16 GB RAM, 500 GB SSD with all other accessories	1	65000	For Image Processing
	11	Magnetic Susceptibility Meters with analysis softwa	8 GB Memory with sensitivity of 1 x 10-6 SI units on smooth surfaces	1	350000	Required for processing of data from Magnetic Susceptibility meter
Analytical Equipments	12	Handheld XRF analyze	Portable XRF Analyser for both Elemental and Oxides.	3	2550000	Required for the exploration works
	13	Pocket Magnetic Susceptibility meter	Lightweight and portable High sensitivity - 1x10-7 SI units 4 measuring modes Built-in GPS/GLONASS Bluetooth and USB Voice recording.	1	100000	Required for the exploration works
Analytical Equipments	14	Acid Bottles	Acid Carrying Bottles	10	1000	Required for the exploration works
	15	Portable Core Drilling Machine (Bagpack)	Bag Pack Portable Core drilling Machine with all Required accessories and penetration depth of upto 10 meter, with Minimum 2 Numbers of Bit and 3 years After sales warranty.	3	800000	Required for pitting, trenching of the exploration works
Geological Rock Cutting Equipments	16	Jack Hammer	Diesel based Jack Hammer,Heavy Duty ,Rock Drilling , With all Accessories and 3 years after sales warranty.	3	300000	Required for pitting, trenching of the exploration works
	17	Surveyor Field Kit	Each Field Kit consist of Backpack, Hat, Hard Field Note Book, Water Bottol,Tracking Shoe, Rain Guard, Umbrella, Solar enabled Charging Light.	6	30000	Required for the exploration works
Survey/ Exploration	18	DGPS	500+ channels, System must have facility to track GPS L1,L2, L2C, L5: GLONASS L1, L2, L3: Beidou B1,B2, and Galileo E1, E5a, E5b, Alt-BOC, & QZSS (L1, L2, L5), Integrated 4G LTE or better cellular network capability & Bluetooth, Radio modem Fully integrated, receive and transmit, external antenna, 1 W output power, with provision to attach High Power Radio, Calibration-free and Immune to magnetic disturbances tilt measurements using IMU for tilt and heading measurements and not magnetometers.	1	1600000	Required for collecting the raw data of the field for mapping, contouring etc. of the exploration works
	19	DGPS CONTROLLER (Model Number: Pentax G6Ni)	DGPS Controller (Windows/ Android Version)	1	250000	Required for collecting the raw data of the field for mapping, contouring etc. of the exploration works
Survey/ Exploration	20	Desktop with UPS	8 GB RAM, 1 TB Storage , Windows 11, 500 GB SSD ,USB Type 3 , Bluetooth and Wireless Connectivity etc.	1	70000	For Map Processing etc.
	21	EPSON Colour Printer	A1 Size Model No 3130N	1	142000	To take printout of A1 size maps
Draught Section	22	Printer Cartridge	CANON Model No iPF771 Printer Cartridge No- PFI8107MBK-2, PFI8107BK-1, PFI8107C-1, PFI8107M-1, PFI8107Y-1	1	18000	For the EPSON Colour Printer
	23	Portable toilet	Portable Bio Toilles	5	90000	To be used in the field
Camp Materials	24	Swiss Cottage Tent		3	210000	To be used in the field
	22	Water Purifier	Non-electric and chemical free purification, UF water purifier only suitable for low TDS water,Water storage capacity of 22 litres, Food grade and non-breakable plastic construction	10	30000	To be used in the field
	23	Trolley, 300kg Capacity	Heavy Duty Trolly	3	30000	For HQ Use to Transport Samples
	24	Folding Table (3 feet x4 Feet)	Branded	10	70000	To be used in the field
	25	Visiting Folding Chair	Branded	20	50000	To be used in the field
	26	Portable Disel Generator	5 KVA Capacity	3	90000	To be used in the field
Camp Materials	27	Staff Field Kit	(Rain Coat, Backpack, Industrial Boiler Suit, Hunter Shoe, Helmet, Hand Gloves, Ear Plug,Protective Goggles)	10	50000	To be used in the field
Petro-logical Laboratory	28	Desktop	Intel i7 (11th Generation), 16 Gb RAM, 256 Primary SSD, 1 tb HDD, 4 USB 2 port, 2 USB 3 Port, Nvidia Graphics Card Quardo P600/P1000 with @GB, Winows Prof 10-64 Bit, with MS office Home Edition.	1	100000	To be Used in Petrological Laboratory
Total					10336500.00	



অসম চৰকাৰ

ভূতত্ত্ব আৰু খনি সঞ্চালকালয়, অসম

দক্ষিণ গাঁও, কাহিলিপাৰা, ৭৮১০১৯

No. GM/ET/899 / 2737-42

Dated Guwahati, the 20th September, 2022

From: Ananda Kumar Das

Director

Directorate of Geology and Mining, Assam

Dakhingaon, Kahilipara 781019

To: Sri Sanjay Lohia, IAS

Addl. Secretary to the Ministry of Mines

NMET, Ministry of Mines, New Delhi

Sub: Procurement of Vehicles for NMET Projects.

Sir,

With reference to the subject cited above I would like to inform you that NMET has approved three numbers of projects to this directorate with a total sanctioned cost of 10.34 crores for the exploration of Limestone, Iron ore and Sillimanite respectively.

In this connection, the directorate has already taken steps for field movement in the Month of September, 2022.

Whereas, Govt. of Assam has not allowed us to procure vehicles from state fund so far and the directorate have a scarcity of vehicles, we are facing serious problems in execution of field works in the project area.

The same matter was informed to you on 9th of September, 2022 at the National Mining Minister's conference in presence of Smt. Nandita Garlosa, Minister of Mines and Minerals, Govt. of Assam.

Hiring of Vehicles for the NMET projects is also not possible in this scenario as the project sites are located at very remote hilly terrain of the state and worst road connectivity.

Therefore, I would like to request you to approve the procurement of three number of Mahindra Bolero vehicles either from the sanctioned fund of Rs. 20 lakh by NMET (Letter Enclosed) or from the 10% of the sanctioned project cost (Rs. 10.34 Crores) as per the 4th general body meeting of the NMET so that, this directorate can smoothly achieve the successful target of exploration within stipulated time.

This is for favor of your kind information and necessary approval.

Enclosure: As stated above.

Ananda Kumar Das, ACS

Director,

Directorate of Geology and Mining, Assam

Copy to:

1. OSD to Hon'ble Minister of Mines and Minerals for kind appraisal of the Hon'ble Minister.
2. PS to Principal Secretary, Mines and Minerals Dept., Govt of Assam for information.
3. Office Copy.

Director,

Directorate of Geology and Mining, Assam
Dakhingaon, Kahilipara