

Estimate Cost for Reconnaissance Survey (G4 Stage) for Limestone in Dhanokhar Nagod Block, Panna & Satna Districts, Madhya Pradesh.

Area: 101 Sq.km Time : 9 Months Review: 3 Months

Sr No	Work / Activity	SoC Para	Unit	Charges / Cost (Rs)	Quantity	Amount (Rs)
1	Large scale Geoloical mapping (1:12500)		Charges for one Geologist per day			
a	Geologist (Field) per day	1.2a	Field	11000	120	1320000
b	Labour for Geologist	5.7		504	240	120960
c	Geologist (HQ) per day	1.2b	HQ	9000	30	270000
2	Pitting & Trenching	2.1				
a	Excavation of Pit	2.1.1	per Cu. M	3800	40	152000
3	Drilling in soft rock (Outsourced)	2.2.1.1b	per m	6775	250	1693750
4	Sampler	1.5.2	Charges for one sample per day	5100	51	260100
5	Labour for sampler	5.7		504	204	102816
6	Laboratory Studies	4.0				
a	primary analysis (XRF Method)	4.1.15a	per sample	4200	370	1554000
b	Check Sample (Internal 5%)	4.1.15a	per sample	4200		0
c	Check Sample (External 10% by XRF Method)	4.1.15a	per sample	4200	37	155400
d	Composite Samples (10%) (CaO, MgO, Al ₂ O ₃ , SiO ₂ , Fe ₂ O ₃ , SO ₃ , P ₂ O ₅ , Mn ₂ O ₃ , TiO ₂ , K ₂ O, Na ₂ O & LOI)	4.1.15a	per sample	4200	0	0
e	Additional 2 radicals SO ₃ & P ₂ O ₅	4.1.7b	per sample	670	0	0
g	XRF Studies (Major oxides) - Composite Samples	4.1.15a	per sample	4200	0	0
7	Petrological Studies	4.3				

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(i)	Preparation of standard thin section of rock	4.3.1	per sample	2353	10	23530
(ii)	Digital photomicrograph of thin polished section	4.3.7	per sample	280	20	5600
(iv)	Complete Petrographic / Ore Microscopic Study / Mineragraphic report of rock samples	4.3.4	per sample	4232	10	42320
8	Geotechnical Studies	4.80	per sample			
a	Insitu Bulk density	4.1.10	per sample	3540	0	0
b	Bed moisture determination	4.11a	per sample	1246	0	0
c	Decrepitation test for limestone/dolomite	4.7.3	per sample	1200	0	0
9	Drill Core Preservation	5.3	per m	1590	200	318000
	Sub Total					6018476
10	Preparation of Exploration Proposal	5.1	One Number (5 Hard Copies) along with soft copy	2% or 500000, whichever is low	1	120370
11	Geological Report Preparation	5.2	Cost per 5 hard copies of report along with soft copy	ii	1	300924
12	Tendering Process (2% or 5 lakhs, whichever is less)	2.3				33875
13	Operational Charges	6.0				169375
14	Peer Review		As per EC decision			30000
	Sub Total					6673019
	GST @ 18%					1201143
	Total					7874163
	Rs. In lacs					78.74
Note:						

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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 Paragraph 3 of NMET SoC and Item no. 6 of NMET SoC. In case of execution of the project by NEA 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.

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Time schedule/ Action paln for Reconnaissance Survey (G4 Stage) for Limestone in Dhanokhar Nagod Block, Panna & Satna Districts, Madhya Pradesh.

Sr No	Activities	Unit	Months									
			1	2	3	Review	4	5	6	7	8	9
1	Camp Mobilization & Setting	Months										
2	Geological & Topographical Survey Work	Months										
3	Pitting & Trenching	Months										
4	Core Drilling, Core Logging,	Months										
5	Sample Preparation & Analysis	Months										
6	Geological Report preparation	Months										
7	Report Study, enlisting of various modification & Final Copy of the report	Months										

Note:-

1	Commencement of Project may be reworked from the day of exploration area is available with all Statutory Clearance.
2	Time loss due to monsoon / agricultural activity / forest clearance / local law & order problem(s) may be additional to the above time line.

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