SCHEDULE OF RATES

RECONNAISSANCE SURVEY

Sl. No.	Subject	Amount	Unit
1.	Reconnaissance Geodetic Survey of an	200.00	Hectare
	area to be surveyed and mapped on a scale		
	of 1:5000 and smaller in semi		
	barren/barren land.		
2.	Reconnaissance Geodetic Survey of an area	400.00	Hectare
	to be surveyed and mapped on scale of		
	1:5000 and smaller in thick forest cover		
3.	Reconnaissance Geodetic Survey of an area	400.00	Hectare
	to be surveyed and mapped on a scale larger		
	than 1:5000 (i.e. 1:2500, 1:2000, 1:1000)		
	in semi barren /barren land		
4.	Reconnaissance Geodetic Survey of an area	600.00	Hectare
	to be surveyed and mapped on a scale larger		
	than 1:5000 (i.e. 1:2500, 1:2000, 1:1000) on		
	thick forest cover		
5.	Reconnaissance Geodetic Survey of an area	600.00	Hectare
	to be surveyed and mapped on a scale of		
	1:500 in either within forest cover of		
	barren/semi barren land		
6.	Reconnaissance Geodetic Survey of	1200.00	Km
	alignment for new road construction in semi		
	barren/barren land.		
7.	Reconnaissance Geodetic Survey of	1400.00	Km
	alignment for new road construction in thick		
_	forest cover.		_
8.	Reconnaissance Geodetic Survey of an area	600.00	Day
_	for major projects/establishment.		
9.	Reconnaissance Cadastral Survey (boundary	200.00	Hectare
	survey)		

CONTOUR SURVEY

Sl. No.	Subject	Amount	Unit
10.	Contour surveying of an area larger than 10 hectares on a scale of 1:500 in semi barren/barren land (N.B. Add 50% of the job cost per hectare if the survey area falls below 10 hectares)	2880.00	Hectare
11.	Contour surveying of an area larger than 10 hectares on a scale of 1:500 in thick forest land (N.B. Add 50% of the job cost per hectare if the survey area falls below 10 hectares)	3120.00	Hectare
12.	Contour surveying of an area larger than 10 hectares on a scale of 1:1000 and 1:2000 in semi barren /barren land (N.B. Add 30% of the job cost per hectare if the survey area falls below 10 hectares)	3230.00	Hectare
13.	Contour surveying of an area larger than 10 hectares on a scale of 1:1000 and 1:2000 either within thick forest cover or urban township or cities (N.B. Add 30% of the job cost per hectare if the survey area falls below 10 hectares)	3430.00	Hectare
14.	Contour surveying of an area on a scale of 1:5000 and smaller in semi barren /barren land.	3030.00	Hectare
15.	Contour surveying of an area on a scale of 1:5000 and smaller in thick forest cover	3130.00	Hectare

CADASTRAL SURVEY

Sl. No.	Subject	Amount	Unit
16.	Detail cadastral survey of an area for		
	demarcating private holdings /real estates	4200.00	Hectare
	on a scale of 1:2000, 1:1000 on rural area		
	with minor jungle clearance etc.		

17. Detail cadastral survey of an area for demarcating private holding /real estate 4950.00 Hectare properties etc. within thick forest/urban township and cities on a scale of 1:2000, 1:1000, 1:500

ROAD ALIGNMENT

Sl. No.	Subject	Amount	Unit
18.	Detail Contour Surveying of 30 metre on either side of road alignment on a scale of 1:500/1:1000 with a contour interval of 1 metre including cutting / clearance of minor jungle /bushes, detail alignment of road on the proposed site, providing Pegs /Katcha bullies at 20 m interval on both side of the road to be built all complete	30,000.00	Km

OTHER PROJECTS

Sl. No.	Subject	Amount	Unit	
19.	Transfer of the plans of the major projects			
	on the ground from the pre-planned	10,000.00	Day	
	drawing, providing necessary identification			
	marks on required areas etc. all complete.			
20.	Short site visits by a survey team involving			
	10,000/day	10,000.00	Day	
	instrumentation to verify/study the spot			
	(all expenses included)			

REVENUE RECEIPT CHARGES

For the work listed from II to V

21.	Upto 5 un interrupted working days	10,000.00
22.	Upto 10 un interrupted working days	18,000.00
23.	Upto 20 un interrupted working days	35,000.00
24.	Upto 100 un interrupted working days	1,50,000.00
25.	For un interrupted working days beyond 100 days	2,50,000.00
	upto 250 days	
26.	For un interrupted working days beyond 250 days	5,00,000.00

SAMPLING

Sl. No.	Subject/Nature of work	Unit	Approve d rate in Rs. (1996)	Proposed/Present rate on the basis of detail analysis at present labour cost and market value (in Rs.)
27	Channel sampling in exposed soft rock	(10cmx100cmx10cm)	250.00	450.00
28	Channel sampling in exposed soft rock	(10cmx100cmx15cm)	300.00	550.00
29	Channel sampling in buried soft rock	(10cmx100cmx10cm)	300.00	550.00
30	Channel sampling in buried soft rock	(10cmx100cmx15cm)	350.00	650.00
31	Channel sampling in hard rock out crop	(10cmx100cmx10cm)	300.00	550.00
32	Channel sampling in hard rock out crop.	(10cmx100cmx15cm)	350.00	650.00
33	Channel sampling in buried hard rock	(10cmx100cmx10cm)	350.00	650.00
34	Channel sampling in buried hard rock	(10cmx100cmx15cm)	400.00	750.00
35	Grab sampling	1 nos.	20.00	40.00
36	Augur sampling	1 nos.	25.00	50.00

PITTING AND TREANCHING AND BACK FILLING

Sl. No.	Subject/Nature of work	Unit	Approved rate in Rs. (1996)	Proposed/ Work out present rate
37	Excavation of pits/trenches in mixed soil to a depth of 150 cms max. and lifting of material all complete (Length & breath depending upon working condition)	Cum	30.00	100.00
38	Excavation of pits/trenches in mixed soil upto a depth of 300 cms max. and lifting of material all complete (Length & breath depending upon working condition).	Cum	35.00	135.00
39	Excavation of pits/trenches in mixed soil upto a depth of 400 cms max. and vertical uplift of material all complete (Length & breath depending upon working condition).	Cum	50.00	200.00
40	Excavation of pits/trenches in mixed soil upto a depth of 500 cms cum max. and vertical uplift of matcumerial all complete (Length & breath cum depending upon working condition).	Cum	65.00	265.00

41	Excavation of pits/trenches in mixed soil upto a depth of 600 cms max. and vertical uplift of material all complete (Length & breath depending upon working condition).	Cum	85.00	400.00
42	Excavation of 150 cm pits/ trenches in soft rock/mixed soil formation and vertical uplift of material all complete (Length & breath depending upon working condition).	Cum	35.00	135.00
43	Excavation of 300 cms pits/ trenches in soft rock/mixed soil formation and vertical uplift of material all complete (Length & breath depending upon working condition).	Cum	50.00	200.00
44	Excavation of 400 cms pits/ trenches in soft rock/mixed soil formation and vertical uplift of material all complete (Length & breath depending upon working condition).	Cum	70.00	265.00
45	Excavation of 500 cms pits/ trenches in soft rock/mixed soil formation and vertical uplift of material all complete (Length & breath depending upon working condition).	Cum	100.00	400.00
46	Excavation of 600 cms pits/ trenches in soft rock/mixed soil formation and vertical uplift of material all complete (Length & breath depending upon working condition).	Cum	130.00	500.00
47	Back filling of pits/trenches by excavated material	Cum	15.00	50.00

GEOTECHNICAL TESTS: (As per G.S.I)

	SOIL TESTING:	Old Rate	Revised Rate
48.	Particle Size Analysis for determining sand,	Rs. 367.00	Rs. 809.00
	silt and clay percentages (including pipetting		
49.	Determination of Atterberg's Limits (LL,PL	Rs. 405.00	Rs. 417.00
	& PI) (LL – or set of 3 tests)		

50.	Laboratory vane shear test	Rs. 306.00	Rs. 668.00
51.	Laboratory Permeability test (By Jodhpur Permeameter)	Rs. 432.00	Rs. 936.00
52.	Swelling Index test	Rs. 218.00	Rs. 731.00
53.	Particle Specific Gravity	Rs. 292.00	Rs. 450.00
54.	Optimum moisture content by Proctor Compaction	Rs. 636.00	Rs. 1257.00
55.	Density and moisture content (in-situ)- a set of 3 tests	Rs. 333.00	Rs. 371.00
56.	Density and moisture content of disturbed Sample.	Rs. 289.00	Rs. 720.00
57.	pH of a particular sample by pH meter.	Rs. 174.00	Rs. 359.00
58.	Director Shear Test (a test by 3 tests) by any of these methods.		
	i) Unconsolidated undrained (uu) conditionii) Consolidated urdrained (cu) condition	Rs. 416.00	Rs. 671.00
	iii) Consolidated urdrained (cd) condition	Rs. 520.00	Rs. 804.00
	in) Consolidated distrained (ed) condition	Rs. 597.00	Rs. 1,457.00
59.	Soil traxial test (a set of least 3 test) by any of these methods. i) Unconsolidated undrained (uu) Condition – without pore pressure ii) Consolidated undrained (cu) condition	Rs. 559.00 Rs. 757.00	Rs. 672.00 Rs. 1,713.00
	 iii) Consolidated drained (cd) condition iv) Unconsolidated undrained condition – With pore pressure v) Unconfined compression test (ucc) 	Rs. 900.00 Rs. 845.00 Rs. 295.00	Rs. 1,713.00 Rs. 1,713.00 Rs. 731.00
	iv) Unconsolidated undrained condition –		
	iv) Unconsolidated undrained condition – With pore pressure	Rs. 845.00	Rs. 1,713.00
60.	iv) Unconsolidated undrained condition –With pore pressurev) Unconfined compression test (ucc)	Rs. 845.00	Rs. 1,713.00
60. 61.	iv) Unconsolidated undrained condition – With pore pressurev) Unconfined compression test (ucc)ROCK TESTING:	Rs. 845.00 Rs. 295.00	Rs. 1,713.00 Rs. 731.00
	 iv) Unconsolidated undrained condition – With pore pressure v) Unconfined compression test (ucc) ROCK TESTING: Cutting of rock core faces (one core) 	Rs. 845.00 Rs. 295.00 Rs. 190.00	Rs. 1,713.00 Rs. 731.00
61.	 iv) Unconsolidated undrained condition – With pore pressure v) Unconfined compression test (ucc) ROCK TESTING: Cutting of rock core faces (one core) Cutting of one rock cube Uni-axial compressive strength of a Set of 	Rs. 845.00 Rs. 295.00 Rs. 190.00	Rs. 1,713.00 Rs. 731.00
61.	 iv) Unconsolidated undrained condition – With pore pressure v) Unconfined compression test (ucc) ROCK TESTING: Cutting of rock core faces (one core) Cutting of one rock cube Uni-axial compressive strength of a Set of at least 3 cores including Cutting and 	Rs. 845.00 Rs. 295.00 Rs. 190.00 Rs. 383.00	Rs. 1,713.00 Rs. 731.00 Rs. 204.00 Rs. 812.00
61. 62.	 iv) Unconsolidated undrained condition – With pore pressure v) Unconfined compression test (ucc) ROCK TESTING: Cutting of rock core faces (one core) Cutting of one rock cube Uni-axial compressive strength of a Set of at least 3 cores including Cutting and polishing of faces. 	Rs. 845.00 Rs. 295.00 Rs. 190.00 Rs. 383.00	Rs. 1,713.00 Rs. 731.00 Rs. 204.00 Rs. 812.00
61. 62.	 iv) Unconsolidated undrained condition – With pore pressure v) Unconfined compression test (ucc) ROCK TESTING: Cutting of rock core faces (one core) Cutting of one rock cube Uni-axial compressive strength of a Set of at least 3 cores including Cutting and polishing of faces. Tensile Strength of a set of at least 3 	Rs. 845.00 Rs. 295.00 Rs. 190.00 Rs. 383.00	Rs. 1,713.00 Rs. 731.00 Rs. 204.00 Rs. 812.00
61. 62.	 iv) Unconsolidated undrained condition – With pore pressure v) Unconfined compression test (ucc) ROCK TESTING: Cutting of rock core faces (one core) Cutting of one rock cube Uni-axial compressive strength of a Set of at least 3 cores including Cutting and polishing of faces. Tensile Strength of a set of at least 3 Cores including cutting and polishing of 	Rs. 845.00 Rs. 295.00 Rs. 190.00 Rs. 383.00	Rs. 1,713.00 Rs. 731.00 Rs. 204.00 Rs. 812.00
61.62.63.	 iv) Unconsolidated undrained condition – With pore pressure v) Unconfined compression test (ucc) ROCK TESTING: Cutting of rock core faces (one core) Cutting of one rock cube Uni-axial compressive strength of a Set of at least 3 cores including Cutting and polishing of faces. Tensile Strength of a set of at least 3 Cores including cutting and polishing of faces as per specification. 	Rs. 845.00 Rs. 295.00 Rs. 190.00 Rs. 383.00 Rs. 993.00	Rs. 1,713.00 Rs. 731.00 Rs. 204.00 Rs. 812.00 Rs. 2,147.00
61.62.63.64.	 iv) Unconsolidated undrained condition – With pore pressure v) Unconfined compression test (ucc) ROCK TESTING: Cutting of rock core faces (one core) Cutting of one rock cube Uni-axial compressive strength of a Set of at least 3 cores including Cutting and polishing of faces. Tensile Strength of a set of at least 3 Cores including cutting and polishing of faces as per specification. Point Load Strength Index test Modulus of elasticity and Poison's Ratio –a 	Rs. 845.00 Rs. 295.00 Rs. 190.00 Rs. 383.00 Rs. 993.00 Rs. 790.00 Rs. 256.00	Rs. 1,713.00 Rs. 731.00 Rs. 204.00 Rs. 812.00 Rs. 2,147.00 Rs. 528.00
61.62.63.64.65.	 iv) Unconsolidated undrained condition – With pore pressure v) Unconfined compression test (ucc) ROCK TESTING: Cutting of rock core faces (one core) Cutting of one rock cube Uni-axial compressive strength of a Set of at least 3 cores including Cutting and polishing of faces. Tensile Strength of a set of at least 3 Cores including cutting and polishing of faces as per specification. Point Load Strength Index test Modulus of elasticity and Poison's Ratio –a set of 3 samples. 	Rs. 845.00 Rs. 295.00 Rs. 190.00 Rs. 383.00 Rs. 993.00 Rs. 790.00 Rs. 256.00	Rs. 1,713.00 Rs. 731.00 Rs. 204.00 Rs. 812.00 Rs. 2,147.00 Rs. 528.00
61.62.63.64.65.	iv) Unconsolidated undrained condition – With pore pressure v) Unconfined compression test (ucc) ROCK TESTING: Cutting of rock core faces (one core) Cutting of one rock cube Uni-axial compressive strength of a Set of at least 3 cores including Cutting and polishing of faces. Tensile Strength of a set of at least 3 Cores including cutting and polishing of faces as per specification. Point Load Strength Index test Modulus of elasticity and Poison's Ratio –a set of 3 samples. Determination of Bulk density and void	Rs. 845.00 Rs. 295.00 Rs. 190.00 Rs. 383.00 Rs. 993.00 Rs. 790.00 Rs. 256.00	Rs. 1,713.00 Rs. 731.00 Rs. 204.00 Rs. 812.00 Rs. 2,147.00 Rs. 528.00

AGGREGATE TESTING

	Coarse Aggregate Teesta:-	Old Rate	Revised Rate
68	Aggregate impact value (average of a set of 3 test)	Rs. 696.00	Rs. 1,410.00
69	Soundness loss test (average of a set of 3 tests)	Rs. 762.00	Rs. 1,667.00
70	Los Angeles Abrasion test (one set of 3 tests)	Rs. 702.00	Rs. 1,680.00
71	Crushing Strength (one set of 3 tests)	Rs. 482.00	Rs. 1,110.00
72	Compressive strength by uniaxial compression testing machine (a set of 3 sets)	Rs. 993.00	Rs. 2,147.00
73	Compressive strength by Point Load Strength machine after computation (a set of 3 tests)	Rs. 256.00	Rs. 500.00
74	Modulus of elasticity & Poison's ratio	Rs. 1230.00	Rs. 1845.00
75	Bulk density & Void ratio	Rs. 350.00	Rs. 700.00
76	Specific Gravity	Rs. 185.00	Rs. 450.00
77	Water absorption	Rs. 696.00	Rs. 950.00
78 79	Fine Aggregate Tests: Sieve Analysis and determination of fineness Modulus Specific Gravity (particle)	Rs. 383.00 Rs. 262.00	Rs. 809.00 Rs. 677.00
80	Mica Content determinations	Rs. 647.00	Rs. 669.00
81	Organic impurities Test	Rs. 295.00	Rs. 698.00
82	Combined Silt and Clay Content	Rs. 377.00	Rs. 809.00
	FIELD TESTING:	Old Rate	Revised Rate
83	Collection of undisturbed soil samples with wax sealing etc. by usual method	Rs. 388.00	Rs. 794.00
84	Sampling by hand augur upto 2 mt. depth – (charge per mts. Calculated)	Rs. 487.00	Rs. 900.00
85	Determination of bearing capacity of soil by Vicksberg Cone-penetrometer	Rs. 201.00	Rs. 993.00
86	Field Vane Shear test	Rs. 2687.00	Rs. 3800.00
	In situ stress determination in underground openings under construction by flat jack 2 pin method (a set of two tests)	Rs. 11,295.00	Rs. 24,224.00

CIVIL WORKS IN GEOENGINEERING

REMEDIAL MEASURES:

87	Retaining Structure	as per SPWD rates
88	Drainage	as per SPWD rates
89	Grouting	As per GSI, NHPC rates
90	Bio-technical stabilization	As per Forest deptt. rates
91	Fitting, fixing of 25mm – dia. Of different length, different rock bolts in all types of rocks including reinforcement of cement	
	grouting for rock bolting all complete.	Rs. 120/m

Cost of rock bolts extra as per the prevailing market rates.

CHARGES FOR SERVICES RENDERED BY THE DEPARTMENT OF MINES AND GEOLOGY, GOVT. OF SIKKIM, BEYOND THEIR ACREDITED ACTIVITIES (To be deposit in State Bank of Sikkim, under the to departmental receipt head)

92	Geo-technical studies for a period not exceeding 3 days	EXISTING	PROPOSED
	a) East Districtb) West Districtc) North Districtd) South District	Rs. 5,500.00 Rs. 6,000.00 Rs. 6,250.00 Rs. 5,750.00	Rs. 10,000.00 Rs. 12,000.00 Rs. 12,500.00 Rs. 11,500.00
93	Geo-technical studies for a period not exceeding 5 days a) East District b) West District c) North District d) South District	Rs. 8,700.00 Rs. 9,200.00 Rs. 9,700.00 Rs. 8,950.00	Rs. 17,000.00 Rs. 18,500.00 Rs. 19,500.00 Rs. 17,500.00
94	Geo-technical studies for a period not exceeding 10 days a) East District b) West District c) North District d) South District	Rs. 16,500.00 Rs. 17,500.00 Rs. 17,800.00 Rs. 17,800.00	Rs. 33,000.00 Rs. 35,000.00 Rs. 36,000.00 Rs. 35,000.00

- Charges for geotechnical and geological investigation including drainage mapping, geo-morphology etc per km (30 mts on both side of proposed road).
 - i) East district Rs. 6,000/- for $1^{\rm st}$ km and Rs 5,225/-km for additional kms.
 - ii) South district Rs. 7,000/-for $1^{\rm st}$ km and Rs. 5,225/km for additional kms.
 - iii) West district Rs. 8,000/-for $1^{\rm st}$ km and Rs. 5,225/km for additional kms.
 - iv) North district Rs. 7,750/-for $1^{\rm st}$ km and Rs. 5,225/km for additional kms.
- Geological and Geotechnical studies on suitability of area for road construction in all parts of Sikkim.
 Rs. 12000/km+ requisite fee for as per scheduled XII (Sl. No. 1 to 3) above

	CHEMICAL ANALYSIS:	Existing rate (per sample)	Revised rate /proposed (Per sample)
97	Quantitative chemical analysis of rock		(r or sample)
	by conventional wet chemical method		
	for SiO ₂ , Al ₂ O ₃ , TiO ₂ , FeO, Fe ₂ O ₃ , MnO,	Rs. 2424.00	Rs. 6060.00
	Cr ₂ O ₃ , CaO, MgO, Na ₂ O ₃ , K ₂ O ₃ ,P ₂ O ₅ ,		
	CO ₂ (+/-), H ₂ O		
98	Quantitative wet chemical analysis by		
	conventional methods		
	a) First radical	Rs. 187.00	Rs. 467.00
	b) Each additional radical except rare earth elements	Rs. 125.00	Rs. 312.00
	c) Rare earth elements, viz, Ta, Nb, W, Zr, Mo, Cd, V, Li etc.	Rs. 263.00	Rs. 657.00
99	Gold or silver analysis (first assay)	Rs. 387.00	Rs. 967.00
100	Organic matter/carbon analysis	Rs. 161.00	Rs. 402.00

WATER ANALYSIS:

101 Partial (pH, conductivity, total hardness, Rs. 2810.00 Per alkalinity, chloride) Sample 102 Detailed (pH, conductivity, total hardness, Alkalinity, Carbonate, Biocarbonate, Per T.D.S., Nitrate, Sulphate, Chloride, Iron, Sample Calcium, Magnesium, Sodium, Potassium, Rs. 769.00 Boron, Fluoride. 103 a) Coliform count, Presence or absence test Per in the Laboratory Rs. 302.00 Sample b) Sample collection within East District and test for Coliform presence, or absence and count. Rs. 650.00 i) First sample ii) Each subsequent sample Rs. 362.00

N.B. Service charge extra as per Schedule XVIII (To be deposited in SBS under appropriate departmental head).

c) Sample collection within West District and test for Coliform presence or absence and count

i) First sample Rs. 877.00

ii) Each subsequent sample Rs. 362.00

N.B. Service charge extra as per Schedule XVIII (To be deposited in SBS under appropriate departmental head).

d) Sample collection within North District and test for Coliform presence or absence and count

i) First sample Rs. 1110.00

ii) Each subsequent sample Rs. 362.00

N.B. Service charge extra as per Schedule XVIII (To be deposited in SBS under appropriate departmental head).

e) Sample collection within South District and test for Coliform presence or absence and count

i) First Sample Rs. 762.00

ii) Each subsequent sample Rs. 362.00

N.B. Service charge extra as per Schedule XVIII (To be deposited in SBS under appropriate departmental head).

DIAMOND DRILLING (Preparation)

- 104. Dismantling of Drilling Machine all complete. Rs. 1630.00
- 105. Assembly of Drill Machine all complete. Rs. 3100.00
- 106. Carriage of Machine parts in Hilly Terrain other than vehicular transport. Rs. 1.00 kg/100mts.
- 107. Transportation cost for vehicular transport As per SNT rates
- 108. Construction of Platform all complete Rs. 4000.00
- 109. Laying of temporary water supply pipe line and construction of temporary (2m x 1m x 0.5m) Water Rs. 1200.00 tank with concrete.

RATE OF DIAMOND CORE DRILLING PER METER.

1

10.	Cost of diamond core drilling per metre in soft	Rs. 1315.00 + 72 lts. of
	rock formation upto a depth of 40 metres all	HSD under prevailing
	complete.	market rate.

- 111. Cost of diamond core drilling per metre in soft rock formation between 40 mts to 60 mts. all complete. Rs. 1630.00 + 58 lts. of HSD under prevailing market rate.
- Cost of diamond core drilling per metre in soft rock formation between 60 mts to 100 mts. all HSD under prevailing complete.
 Cost of diamond core drilling per metre in soft Rs. 2350.00 + 84 lts. of
- rock formation between 100 mts to 150 mts.

 all complete.

 HSD under prevailing market rate.
- 114. Cost of diamond core drilling per metre in medium hard rock formation upto a depth of 40 mts all complete.

 Rs. 1445.00 + 72 lts. of HSD under prevailing market rate.
- 115. Cost of diamond core drilling per metre in medium hard rock formation between 40 mts to 60 mts. all complete.

 Rs. 1745.00 + 64 lts. of HSD under prevailing market rate.
- 116. Cost of diamond core drilling per metre in medium hard rock formation between 60 mts to 100 mts. all complete.

 Rs. 2160.00 + 77 lts. of HSD under prevailing market rate.
- 117. Cost of diamond core drilling per metre in medium hard rock formation between 100 mts to 150 mts. all complete.

 Rs. 2595.00 + 93 lts. of HSD under prevailing market rate.
- 118. Cost of diamond core drilling per metre in Rs. 1690.00 + 58 lts. of hard rock formation upto40 mts all complete. HSD prevailing market rate.
- 119. Cost of diamond core drilling per metre in hard rock formation upto 40to 60 mts. all complete Rs. 1975.00 + 71 lts. of HSD under prevailing market rate.

120.	Cost of diamond core drilling per metre in hard rock formation upto 60 mts to 100 mts. all complete.	Rs. 2380.00 + 85 lts. of HSD under prevailing market rate.
121	Cost of diamond core drilling per metre in hard rock formation upto 100 mts to 150 mts. all complete.	Rs. 2855.00 + 104 lts. of HSD under prevailing market rate.
122.	Borehole Logging/per hole	Rs. 4000.00 + required p.oil for visiting official.

Charges for service rendered to public for issue of stability/ report for construction of residential building & water test report.

123.	Gangtok and suburb	Rs. 2400.00
124.	Singtam, Rango, Pakyong, Remst, Kabi, Phodong.	Rs. 2700.00
125.	Rhenock, Dikchu	Rs. 2900.00
126.	Rongli, Jorethang, Nayabazar, Namchi, Ravangla, Mangan.	Rs. 3150.00
127.	Soreng, Sombarai, Gyalzing, Tashiding, Chungthang, Dzongu	Rs. 3400.00
128.	Hilley, Kaluk, Dentam, Utteray, Lachen-Lachung.	Rs. 3600.00
Geological /Geotechnical studies of road alignment in different parts of state.		Rs. 12000.00/Km + requisite fee as per schedule XII.

RATE OF GEOLOGICAL AND GEOTECHNICAL INVESTIGATION.

- 129. Geological/Geotechnical mapping over one hectare of area with rock exposures and semi barren land.

 Rs. 600/ha.
- 130. Geological/Geotechnical mapping over one hectare of area with few rocks exposures with moderate to thick soil over burden: Rs. 700/ha.
- 131. Geological/Geotechnical mapping over one hectare of area in thick jungle with few rock exposer:

 Rs. 800/ha.

GIS (Geographical Information Laboratory) Charges for data compilation at GIS laboratory.

Scanning of Maps, Diagrams etc. (one hard copy included)

Sl. No.	SIZE & TYPE	AMOUNT (Rs.)
132	A4:	
	Colour	300.00
	BW	200.00
133	A3:	
	Colour	300.00
	BW	200.00
134	A2:	
	Colour	400.00
	BW	300.00
135	A1:	
	Colour	600.00
	BW	500.00
136	A0:	
	Colour	1000.00
	BW	700.00

Digitization and editing (including one draft and one hard copy)

Sl. No.	SIZE & TYPE	AMOUNT (Rs.)
137	A4:	
	Point	1,000.00
	Line	1,400.00
	Polygon	2,100.00
138	A3:	
	Point	1,950.00
	Line	2,050.00
	Polygon	2,650.00
139	A2:	
	Point	3,600.00
	Line	4,000.00
	Polygon	5,200.00
140	A1:	
	Point	6,650.00
	Line	6,900.00
	Polygon	9,150.00
141	A0:	
	Point	9,600.00
	Line	10,000.00
	Polygon	13,150.00

Scanning, Editing & Processing a column of black & white map to produce colour hard copy complete with all annotation and legend (Using GIS software Arc View)

Sl. No.	SIZE & TYPE	AMOUNT (Rs.)
142	A4:	
	Simple	4,300.00
	Moderately complicated	7,550.00
	Complicated	14,950.00
143	A3:	
	Simple	5,900.00
	Moderately complicated	9,850.00
	Complicated	17,300.00
144	A2:	
	Simple	9,250.00
	Moderately complicated	12,500.00
	Complicated	24,800.00
145	A1:	
	Simple	18,450.00
	Moderately complicated	26,600.00
	Complicated	35,550.00
146	A0:	
	Simple	29,450.00
	Moderately complicated	36,700.00
	Complicated	49,350.00

By Order

D.R. KHAREL SECRETARY MINES & GEOLOGY DEPARTMENT GOVT. OF SIKKIM, GANGTOK.