

Reclamation of muck dumping site				
Name of User Agency		Executive Engineer,HPPWD Division Ghumarwin Distt. Bilaspur HP.		
Name of Proposal		Diversion of 3.9705 hectare of forest land in favour of HPPWD for the construction of link road from Padyalag, Dohru, Maryani, Chandoh, Dadhol Kalan, Patta Dikhut Km 0/0 to 6/450 within the jurisdiction of Bilaspur Forest Division		
Dumping Site		Name	Area	
Site 1			0.0526	
Site 2			0.1316	
Site 3			0.0337	
Site 4			0.0188	
Site 5			0.0489	
Site 6			0.0000	
		Total	0.2856	
Cost for reclamation of 1 Hact of dumping site				
Sr. No.	Name of component	Area/ Quantity	Rate	Cost
1	Survey, Demarcation & Fencing Cost (i/c cost of Fence posts & B/W)	1	38500	38500.00
2	Planting	1	45160	45160.00
3	Total Fencing and Planting (1+2)		83660.00	83660.00
4	Cost of plants	1000	18.16	18160.00
5	Misc. Soil Conservation Works	1	L/S	200000.00
6	Sowing of grass and bio engineering species	1	L/S	100000.00
7	Total(4+5+6)			318160.00
8	1st Year Maintenance	1	9100	9100.00
9	2nd Year Maintenance	1	6140	6140.00
10	3rd Year Maintenance	1	3180	3180.00
11	4th Year Maintenance	1	3180	3180.00
12	5th Year Maintenance	1	3180	3180.00
13	6th Year Maintenance	1	3180	3180.00
14	7th Year Maintenance	1	3180	3180.00
15	8th Year Maintenance	1	3180	3180.00
16	9th Year Maintenance	1	3180	3180.00
17	10th Year Maintenance	1	3180	3180.00
18	Total (Maintenance)			40680.00
19	Total cost of 1 Hact reclamation of dumping site (3+7+18)			442500.00
		Or Say		442500.00
20	Cost of reclamation for site 1.			23275.50
21	Cost of reclamation for site 2.			58233.00
22	Cost of reclamation for site 3.			14912.25
23	Cost of reclamation for site 4.			8319.00
24	Cost of reclamation for site 5.			21638.25
25	Cost of reclamation for site 6			.00
34	Total reclamation cost			126378.00
35	Contingency @ 5%			6318.90
36	Departmental Charges @17.5%			22116.15
37	GST @18% on cost of Fence Posts & B/wire			1171.25
38	Grand Total of reclamation required to be deposited			155984.30

Divisional Forest Officer,
Bilaspur Forest Division,
Distt. Bilaspur (H.P.)

ANNEXURE- R3

Cost Estimation of Reclamation of Dumping Sites of Diversion of 3.9705 ha of forest land in favour of HPPWD, for the construction of link road Padyalag, Dohru, Maryani, Chandoh, Dadhol-Kalan, Patta, Dakhuit (Kms. 0/00 to 6/450), within the jurisdiction of Bilaspur Forest Division, Distt. Bilaspur, HP.

SR.NO	DESCRIPTION	UNITS	QUANTITY	RATE (RS)	AMOUNT (RS)
A	Engineering Measures				
1	Wire crates and Rataning walls		L/S	L/S	4310207
B	Biological Measures				
1	Cost of fence post 25	Nos	25	150	3750
2	Carriage of fence post over a distance of kms to work site manually	Nos	25	8	200
3	Fixing of fence posts	Nos	25	4.77	143
4	Cost of Barbed wire (---Kg)	Qtl	0.25	5500	1375
5	Carriage of B/wire by vehicle	Qul	0		4000
6	Carriage B/wire frond side to work side manually over a distance Km.	Qtl	0.25	L/S	1000
7	Stretching & Fixing of B/wire	Rmt	225	3.16	427
8	Interlacing of thorny bushes in B/wire	Rmt	225	2.74	370
9	Layout pf pits	Ha	0.38	68.15	55
10	Digging of pits 60x60x60cm	Nos	1690	6.98	24821
11	Filling of pits	Nos	1690	1.42	5050
12	Cost of plants	Nos	1690	7	11830
13	Carriage of plants by vehicle	Nos	1690	1.5	2535
14	Carriage of plants manually over a distance of Km	Nos	1690	2	3380
15	Planting of entire plant raised in polybags	Nos	1690	8.73	31044
16	Planting of shrubs, grasses in interspaces	----	---	L/S	2000
17	Watering of plants during dry season	----	----	L/S	2000
18	Providing imported	Nos	1690	5	8450
19	Watch & word	Mondays	50	200	10000
Total					4422637
C.	Contingencies		L/S		10000
D.	Maintenance 1 st to 7 th year				43200
Grand Total (A+B+C)					4475837
Or say					4475800

Assistant Engineer,
Bharari Sub-Division,
HP.PWD, Bharari.
HPPWD

Executive Engineer,
Ghumarwin Division,
H.P.W.D. Ghumarwin,
HP.PWD, Ghumarwin (H.P.)