

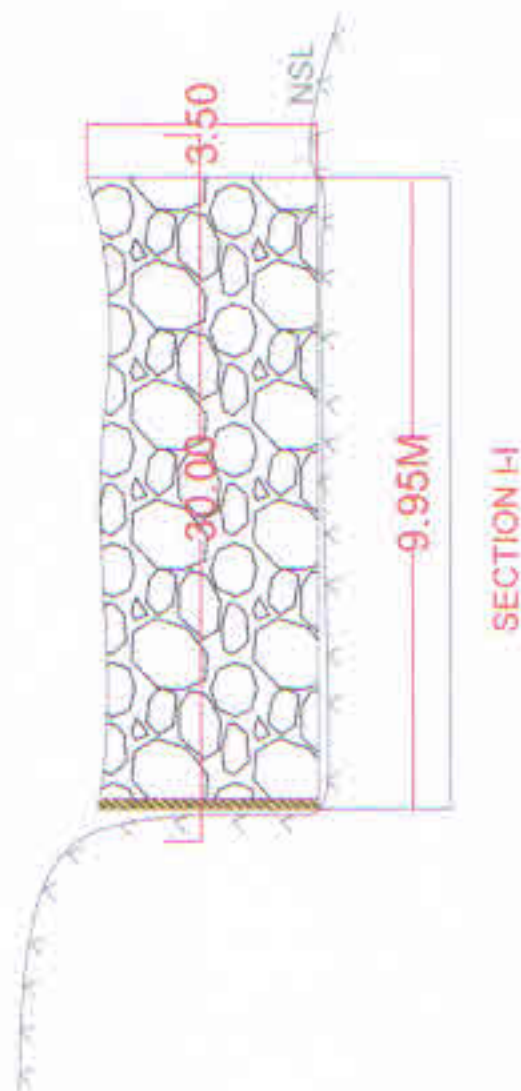


AREA-9.95MX4.26M
=42.38M²
H-3.50M
QTY=42.38M²X3.50M
=148.35M³

DETAIL OF MUCK DUMPING
SITE-I NEAR WEIR SITE

M/S Tek Singh

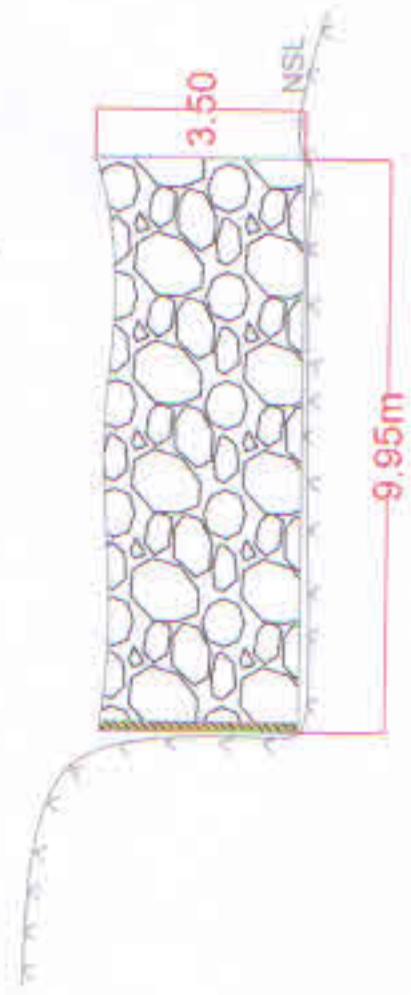
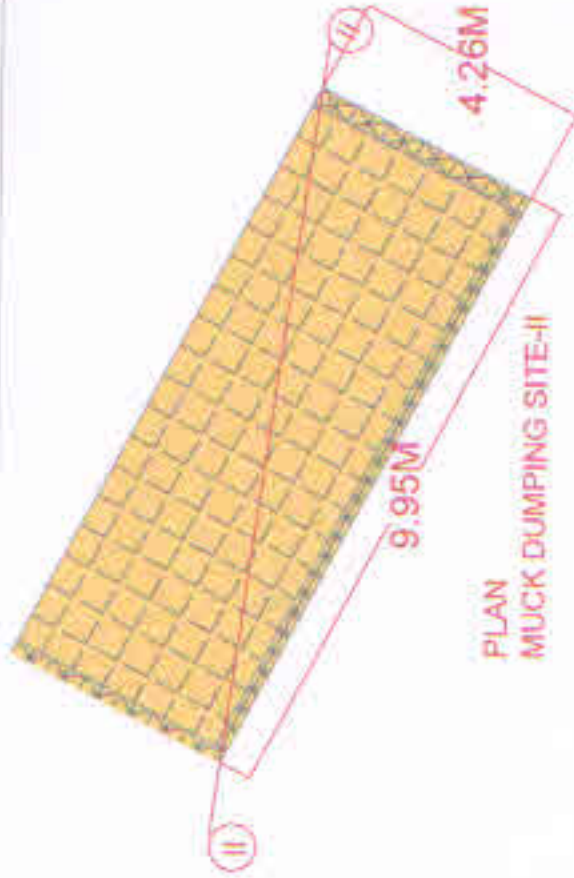
CHOJ-1 SHEP 0.50MW



Authorised Signatory

M/s Tek Singh

CHOJ-1 (0.50M) SHEP



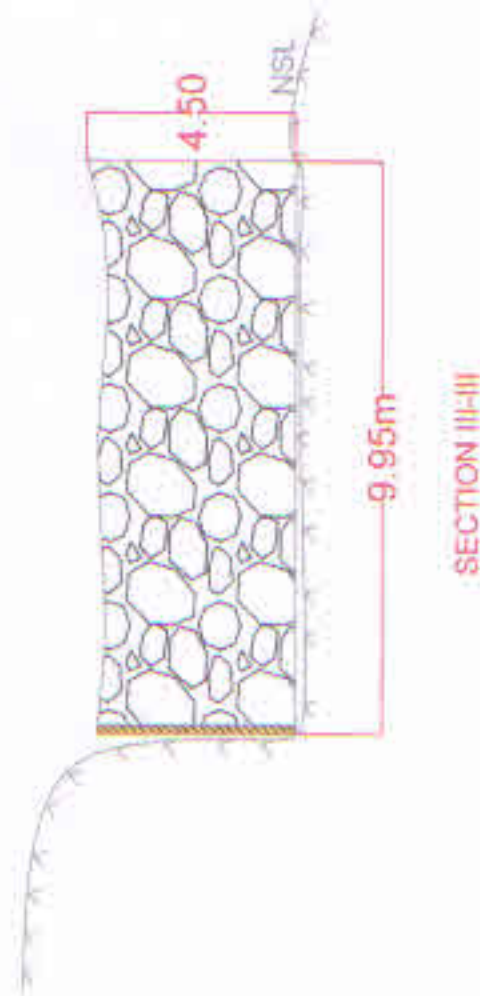
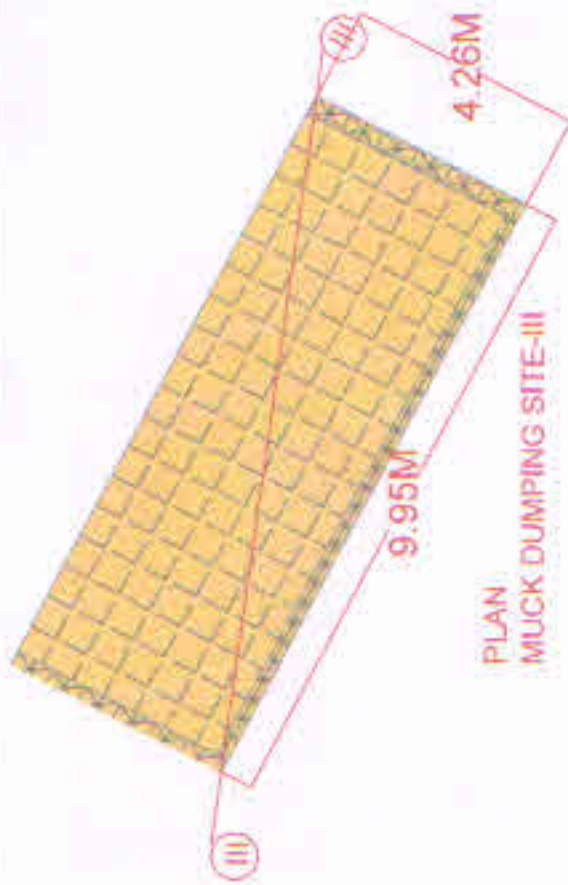
AREA-9.95MX4.26M
=42.38M²
H-3.50M
QTY=42.38M²X3.50M
=148.35M³

DETAIL OF MUCK DUMPING
SITE-II NEAR DESILT TANK

CHOJ-1 SHEP 0.50MW
M/S. TEK SINGH

Authorised Signatory

M/s Tek Singh
Choj-I (C 50M) SHEP



AREA-9.95MX4.26M

=42.38M²

H-4.50M

QTY=42.38M²X4.50M

=190.74M³

DETAIL OF MUCK DUMPING
SITE-III NEAR PENSTOCK

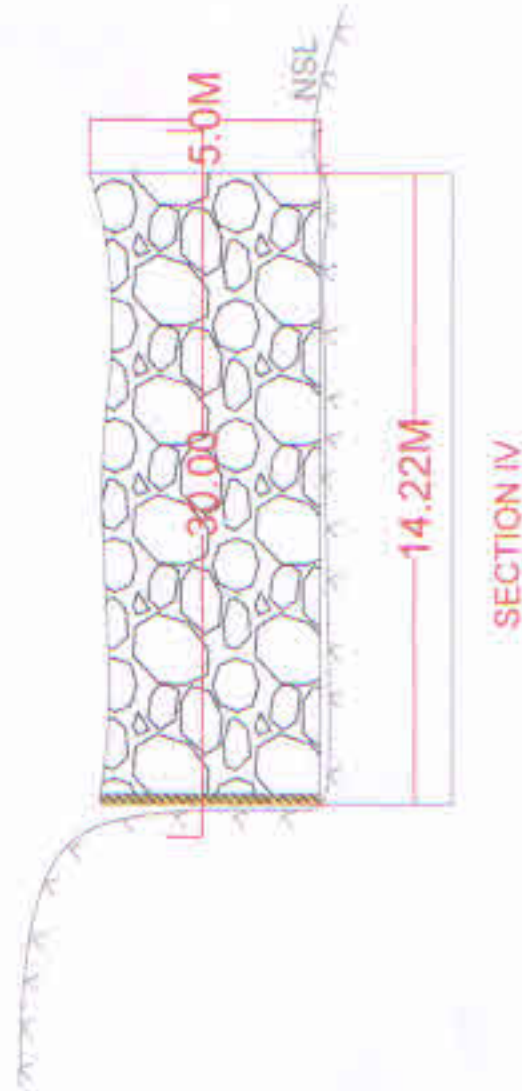
CHOJ-1 SHEP 0.50MW

M/S. TEX SINGH

Authorised Signatory

M/s. Tek Singh

CHOJ-1 (0.50M) SHEP



AREA-14.22MX9.95M
=141.48M²
H-5.0M
QTY=141.48M²X5.0M
=283.32M³

DETAIL OF MUCK DUMPING
SITE-IV NEAR POWER
HOUSE SITE
M/S Tek Singh
CHOJ-1 SHEP 0.50MW

Authorised Signatory

M/s Tek Singh
Choj-1 (0.50M) SHEP

RECLAMATION MUCK DUMPING PLAN FOR CHOJ-I SHEP (0.50MW)														
Sr. No.	Name Of Component From Where Muck Is To Be Produced	Provided Size Of Land In sqm	Actual Size Of Component In sqm	Total Qty. Of Muck Is To Be Produced IN cum	Factor Of Increase In Volume After Excavation	Total Qty. Of Muck To Be Dumped On The Basis Of Increased Qty In cum	Qty Of Muck To Be Utilised (In cum)	Total Qty Of Muck Remaining After Utilisation	Name Of Dumping Place	Size Of Muck Dumping in m	Area Of Dumping Place In sqm	Height Of Muck Dumping	Capacity Of Muck To Be Dumped In cum	Remarks
1	Diversion Weir	19.99 X 9.99	10.00 X 5.00	50.00	45%	72.50	25.38	47.11	Muck Dumping Site - I near Weir	0.95 X 4.20	42.387	3.50	148.35	101.23
2	Feeder Channel	29.86 X 1.42	24.86 X 0.80	22.80	45%	34.64	12.12	22.51					161.21	78.72
3	Drilling Tank cum Footing	19.90 X 3.17	15.0 X 3.0	90.00	45%	130.50	45.68	84.82	Muck Dumping Site - II	0.95 X 4.20	42.387	3.50	148.35	101.23
4	Panstock	900.00 X 1.42	900.00 X 0.45	360.40	45%	516.78	77.52	439.26	Muck Dumping Site - III at peranchi line	0.95 X 4.20	42.387	4.90	130.74	248.52
5	Purser House	25.55 X 15.64	15.00 X 10.0	150.00	45%	217.50	228.38	424.33					707.45	283.72
6	Switchyard	39.81 X 19.96	25.00 X 10.0	250.00	45%	367.50	101.30	188.50	Muck Dumping Site - IV near Protection shed	4.22 X 9.16	141.489	5	14.80	95.77
7	Tail Race	15.64 X 1.42	12.00 X 0.80	9.60	45%	13.92	4.87	9.05					14.77	66.02
8	Interconnection Point	9.11 X 5.08	5.00 X 4.0	20.00	45%	29.25	10.19	18.85					14.00	10.00
9	Total			1199.89		1739.84	605.6	1234.3			268.68		10.00	10.00
Components Remaining Muck of 101 from MOPS IV					147.24									
Total Qty. Of Muck Is To Be Produced IN				1199.89	cum	Total Qty. Of Muck To Be Dumped On The Basis Of Increased Qty In cum =							1739.8	
Qty of Muck To Be Utilised (In cum)				505.59	cum	Total Qty of Muck Remaining After Utilisation =							1234.3	
Total Area Of Dumping (Based on Signage)				65	sqm	Total Capacity Of Muck To Be Dumped							148.35	

M/s Tek
Choj-I (0.50MW) SHEP

(Revised)

Ammejlu-1

60

BILL FOR RECLAMATION PLAN							
In respect of diversion of Forest land for construction of Choj-I SHEP (0.5MW) in favour M/S Tek Singh area falling in Kasol Forest Range, Parvati Forest Division Shamshi, Distt. Kullu H.P							
Sr. No.	Dumping Site No.	Length	Width	Area in Sgm	Area in Ha.	Fence post	
1	Dumping Site-1	9.95	4.26	42.39	0.004	9 Nos.	
2	Dumping Site-2	9.95	4.26	42.39	0.004	9 Nos.	
3	Dumping Site-3	9.95	4.26	42.39	0.004	9 Nos.	
4	Dumping Site-4	14.22	9.95	141.49	0.014	16 Nos.	
	Total				0.026	45 Nos.	
	Total Area			0.026	hectare		
Sr. No.	Particulars of Work	Quantity		Rate per Unit at the wage rate of Rs. 150/-	Amount @ Rs 150/ for Non-Tribal areas	Man Days involved	Amount at the wage rate of Rs 300/- for Non-Tribal areas
A SURVEY, DEMARCATION & FENCING							
1	Survey & demarcation of plantation area	0.026	hec.	101	3	0.02	6
2	Preparation / purchase of RCC fence posts	45	Nos.	250	11133		11133
3	Carriage of RCC fence posts upto 165 cm long over distance 2 km uphill/downhill	45	Nos. / km	33.5	2984	19.89	5967
4	Preparation /digging of holes of 20x30x50 cm size	45	Nos.	9.06	403	2.69	807
5	Fixing of RCC fence posts including strutting	45	Nos.	7.16	319	2.13	638
6	Carriage of barbed wire over distance 2 km uphill/downhill	0.76	Qtls. / km	73.65	112	0.75	225
7	Stretching & fixing of barbed wire in 4 strands	534.4	Rmt	4.8	2565	17.10	5130
8	Interlacing of Thorny Bushes along the fence	133.6	Rmt	4.09	546	3.64	1093
9	Cost of Barbed Wire	0.76	Qtls	6510	4970		4970
	Total-A/ Survey, Demarcation & Fencing						29969
	Or Say Rs:						30000
B PLANTING :-							
1	Bush Cutting in Strips (3mx3m)	0.026	hec.	1192.8	31	0.21	62
2	Digging of pits of 45x45x45 cm size	29	Nos.	9.54	273	1.82	545

3	Filling of pits of 45x45x45 cm size	29 Nos.	2.72	78	0.52	155
4	Carriage of plants in P/Bags over distance 2 km uphill/ downhill	29 Nos.	1.9	109	0.72	217
5	Planting of plant Raised in P/Bags	29 Nos.	2.18	62	0.42	125
6	Construction of Inspection Path	100 Rmt.	11	1100	7.33	2200
7	Cost of sign Board Carriage & Fixing	No.	1/s	450	7	3150
Total- B/ Planting						6454
Or Say Rs						6460
Grand Total (A+B)						36460
	Cost of plants (22-00 per plant)	29 Nos.				629
Grand Total						37089
Or Say Rs						37100
C 1st Year maintenance (30% Beating up)						
1	Re-digging of pits of 45x45 cm size	9 Nos.	4.77	41	0.27	82
2	Filling of pits 45x45x45 cm	9 Nos.	2.72	23	0.16	47
3	Planting of plants raised in P/Bags	9 Nos.	2.18	19	0.12	37
4	Carriage of plants in P/Bags over distance 2 km uphill/ downhill	9 Nos./Km	1.9	33	0.22	65
5	Repair of B/Wire fencing	160.32 Rmt.	1.8	289	1.92	577
6	Cost of plants (22-00 per plant)	9 Nos.	22	189		189
Total						997
Or Say Rs						1000
D 2nd Year maintenance (20% Beating up)						
1	Re-digging of pits of 45x45 cm size	6 Nos.	4.77	27	0.18	55
2	Filling of pits 45x45x45 cm	6 Nos.	2.72	16	0.10	31
3	Planting of plants raised in P/Bags	6 Nos.	2.18	12	0.08	25
4	Carriage of plants in P/Bags over distance 2	6 Nos./Km	1.9	22	0.14	43
5	Repair of B/Wire fencing	106.88 Rmt.	1.8	192	1.28	385

6	Cost of plants (22-00 per plant)	6 Nos.	22	126		126
Total						664
Or Say Rs						700
E 3rd Year maintenance (10% Beating up)						
1	Re-digging of pits of 45x45 cm size	3 Nos.	4.77	14	0.09	27
2	Filling of pits 45x45x45 cm	3 Nos.	2.72	8	0.05	16
3	Planting of plants raised in P/Bags	3 Nos.	2.18	6	0.04	12
4	Carriage of plants in P/Bags over distance 2 km uphill/ downhill	3 Nos./Km	1.9	11	0.07	22
5	Repair of B/Wire fencing	53 Rmt	1.8	96	0.64	192
6	Cost of plants (22-00 per plant)	3 Nos.	22	63		63
Total						332
Or Say Rs						350
F 4th Year maintenance (10% Beating up)						
1	Re-digging of pits of 45x45 cm size	3 Nos.	4.77	14	0.09	27
2	Filling of pits 45x45x45 cm	3 Nos.	2.72	8	0.05	16
3	Planting of plants raised in P/Bags	3 Nos.	2.18	6	0.04	12
4	Carriage of plants in P/Bags over distance 2 km uphill/ downhill	3 Nos./Km	1.9	11	0.07	22
5	Repair of B/Wire fencing	53.44 Rmt	1.8	96	0.64	192
6	Cost of plants (22-00 per plant)	3 Nos.	22	63		63
Total						332
Or Say Rs						350
G 5th Year maintenance (10% Beating up)						
1	Re-digging of pits of 45x45 cm size	3 Nos.	4.77	14	0.09	27
2	Filling of pits 45x45x45 cm	3 Nos.	2.72	8	0.05	16
3	Planting of plants raised in P/Bags	3 Nos.	2.18	6	0.04	12
4	Carriage of plants in P/Bags over distance 2 km uphill/ downhill	3 Nos./Km	1.9	11	0.07	22
5	Repair of B/Wire fencing	53.44 Rmt	1.8	96	0.64	192

	Or Say Rs					350
K	9th Year maintenance (10% Beating up)					
1	Re-digging of pits of 45x45 cm size	3 Nos	4.77	14	0.09	27
2	Filling of pits 45x45x45 cm	3 Nos	2.72	8	0.05	16
3	Planting of plants raised in P/Bags	3 Nos	2.18	6	0.04	12
4	Carriage of plants in P/Bags over distance 2 km uphill/ downhill	3 Nos./Km	1.9	11	0.07	22
5	Repair of B/Wire fencing	53.44 Rmt	1.8	96	0.64	192
6	Cost of plants (22-00 per plant)	3 Nos	22	63		63
	Total					332
	Or Say Rs					350
L	10th Year maintenance (10% Beating up)					
1	Re-digging of pits of 45x45 cm size	3 Nos	4.77	14	0.09	27
2	Filling of pits 45x45x45 cm	3 Nos	2.72	8	0.05	16
3	Planting of plants raised in P/Bags	3 Nos	2.18	6	0.04	12
4	Carriage of plants in P/Bags over distance 2 km uphill/ downhill	3 Nos./Km	1.9	11	0.07	22
5	Repair of B/Wire fencing	53.44 Rmt	1.8	96	0.64	192
6	Cost of plants (22-00 per plant)	3 Nos	22	63		63
	Total					332
	Or Say Rs					350
	Total Maint. (C to L)					4500
	Total New planting & Maint					41600
	Soil conservation works					25000
	Sub Total					66600
	Add 17.50% Department charges					11655
	Add 5% contingency charges					3330
	Grand Total					81585
	Or Say					81600
	Eighty one Thousand six hundred Only					

Devi
Deputy Conservator of Forests,
Parvati Forest Division at Shamshi.