

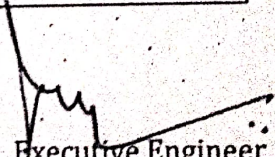
**Title of the Project:-** Construction of link road from Jabbal ka bag, Kandiwala, Charkon road (kms. 0/00 to 12/255), within the jurisdiction of Nahan Forest Division, District Sirmaur, H.P.

**File No.** \_\_\_\_\_

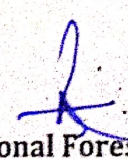
**Date of Proposal:-** \_\_\_\_\_

### **MUCK MANAGEMENT PLAN**

1	Total quantity of muck to be generated from cutting	106110 m <sup>3</sup>
2	Deduction of useful stone as required under clauses of agreement to be executed by the Executive Engineer of Project implementing Unit division on behalf of Govt. of H.P. for suing in the project.	17685 m <sup>3</sup>
3	Net balance quantity of debris/muck - (a)	88425 m <sup>3</sup>
4	Add quantity available on site with swell factor @ 25% on PW & JW - (b)	22107 m <sup>3</sup>
	<b>Total (A) = (a+b)</b>	<b>110532 m<sup>3</sup></b>
5	Less for materials required for dumping in behind R/wall etc. @10% of A - (c)	11053 m <sup>3</sup>
6	Less for materials required for levelling of proposed road @ 15% of A - (d)	16579 m <sup>3</sup>
7	Less materials/muck required for levelling/filling of road on the analogy of half cutting and half fittings @ 40% of A - (e)	44212 m <sup>3</sup>
	<b>Total (B) = (c+d+e)</b>	<b>71844 m<sup>3</sup></b>
8	Materials/Muck left at site which will require carriage for proper dumping into the recognized sites as per the illustration of forest and environment Ministry reinforced by various judgment of the Apex court Govt. of India i.e. (A-B)	38688 m <sup>3</sup>
9	Design proposed for dumping sites (attached)	3 No
10	Total capacity of dumping sites as per details attached	41750 m <sup>3</sup>
11	Area in hectare for dumping sites. i. Forest area ii. Non-Forest Area iii. Total	1.91 Hectare 0.69 2.6 Hectare

  
 Executive Engineer  
 B & R Division  
 HPPWD Nahan

Countersigned by: -

  
 Divisional Forest Officer  
 Nahan Forest Division  
 Office Seal  
 Date:-

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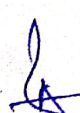
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**DETAILS OF DUMPING SITES**

Sr. No	Name of dumping site	RD/KM	Area coming under dumping			Capacity of dumping sites. (in cum)
			Forest area (in Ha.)	Non-Forest Area (in Ha.)	Total Area (in Ha.)	
1.	Dumping site No. 1	2/105 to 2/175	0.96	0	0.96	14700
2.	Dumping site No. 2	5/050 to 5/120	0	0.69	0.69	14700
3.	Dumping site No. 3	6/810 to 6/880	0.95	0	0.95	12350
Total :-			1.91	0	0.69	41750

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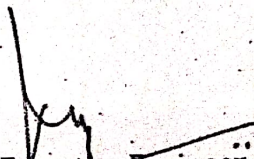
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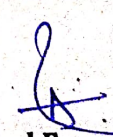
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**DETAIL SHOWING THE CAPACITY OF DUMPING SITES**

Sr. No	Name of dumping site	RD/KM	X-sectional area of dumping site	Length	Quantity/ Capacity (cum)
1	Dumping site No. 1	2/105 to 2/175	210	70	14700
2.	Dumping site No. 2	5/050 to 5/120	210	70	14700
3.	Dumping site No. 3	6/810 to 6/880	190	70	12350
		<b>Total</b>			<b>41750</b>

  
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### DETAIL OF MEASUREMENT

Full Title of the Project:- Construction of link road from Jabbal ka bag, Kandiawala, Kharkon road (kms. 0/00 to 12/255), within the jurisdiction of Nahan Forest Division, District Sirmaur, H.P.

(SH: Construction of wire crates for dumping sites)

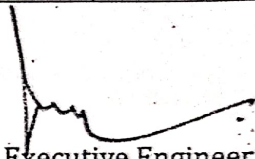
Sr. No	Description	No. L x B x H	Quantity in cum
1	Providing and laying of boulder apron laid on wire crates with 4mm dia wire confirming to 1:5:280 and 1:5:4826 in 100mmx100mm mesh (woven diagonally) including 10% extra for lapse & joints laid with stone boulders weighing not less than 25 kg each.  Dumping Site No. 1 RD 2/105 to 2/175		
	1 <sup>st</sup> layer	70x2.40x1.20	201.6
	2 <sup>nd</sup> layer	70x2.10x1.20	176.4
	3 <sup>rd</sup> layer	70x1.80x1.20	151.2
	4 <sup>th</sup> layer	70x1.50x1.20	126.0
2	Dumping Site No. 2 RD 5/050 to 5/120		
	1 <sup>st</sup> layer	70x2.40x1.20	201.6
	2 <sup>nd</sup> layer	70x2.10x1.20	176.4
	3 <sup>rd</sup> layer	70x1.80x1.20	151.2
	4 <sup>th</sup> layer	70x1.50x1.20	126.0
3	Dumping Site No. 3 RD 6/810 to 6/880		
	1 <sup>st</sup> layer	70x2.40x1.20	201.6

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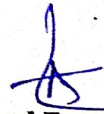
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2 <sup>nd</sup> layer	70×2.10×1.20	176.4
3 <sup>rd</sup> layer	70×1.80×1.20	151.2
4 <sup>th</sup> layer	70×1.50×1.20	126.0
<b>Total</b>		<b>1965.6</b>

  
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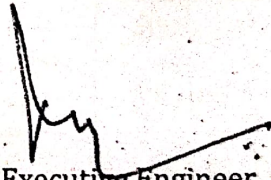
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### ABSTRACT OF COST

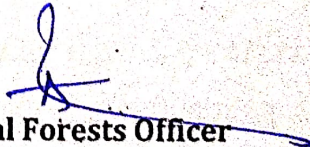
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(SH: Construction of wire crates for dumping sites)

Sr. No.	Sub head and item of work	Quantity (cum)	Rate	Unit	Amount
1.	Providing and laying of boulder apron laid on wire crates with 4mm dia wire confirming to 1:5:280 and 1:5:4826 in 100mmx100mm mesh (woven diagonally) including 10% extra for lapse & joints laid with stone boulders weighing not less than 25 kg each.	1965.6	2850	Per cubic meter	56,01,960
Total					56,01,960

  
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