

MUCK MANAGEMENT PLAN

Name of work :- Construction of Degree College building at Telka in
Distt. Chamba (HP)

	Total Quantity of muck being produced	8805.01 Cubic Mtr.
1	Deduction for useful stone as required under clauses of agreement to be executed by the Executive Engineer of Project Implementing unit Division in behalf of Govt. of H.P. for using in project.(Credit for useful stones to be obtained from cutting i.e. 1/3rd quantity of hard blasting	969.94 Cubic Mtr.
	Net balance quantity of debris / Muck	7835.07 Cubic Mtr.
2	Add quantity available on site with swell factor @ 40% on P.W. & J.W.	8253.27 Cubic Mtr.
	Add quantity available on site with swell factor @ 25% on Blast work	2424.85 Cubic Mtr.
	GRAND TOTAL (A)	18513.18 Cubic Mtr.
3	Less of material required for the construction of dumping in dry , masonry wall @ 5% of (A)	925.66 Cubic Mtr.
4	Less of material / muck required for the leveling of proposed road @ 15% of (A)	2776.98 Cubic Mtr.
5	Less of material / muck required for the leveling of proposed road on the analogy of half cutting and half filling @ 40% of (A)	7405.27 Cubic Mtr.
	GRAND TOTAL (B)	11107.91 Cubic Mtr.
6	Material / muck left in the site which required carriage for the proper dumping at the recognized site as per the instruction of Forest and Environment Ministry reinforced by various judgment of the Apex Court Govt. of India i.e. (A-B)	7405.27 Cubic Mtr.
7	All the Left out balance muck/debris will be utilized for the back filling of retaining wall/ foundation of plinth of building and leveling of ground (Plan is attached separately).	7405.27 Cubic Mtr.

Principal
Govt. Degree College Telka
Distt. Chamba (H.P.)
9-9-2020
Degree College Telka
Distt. Chamba (HP)

Divisional Forest Officer
Churah Forest Divn. Saloon

MUCK DETAIL

Name of work :- Construction of Degree College building at Telka in Distt. Chamba (HP)

PAGE	Descriptions of Item	TOTAL QUANTITY (In Cubic Metre)	PICK WORK (In Cubic Metre)	JUMPER WORK (In Cubic Metre)	BLASTING WORK (In Cubic Metre)
01	Site Development for building	4047.285	1214.19	1821.28	1011.82
02	Administrative & Teaching Block (Art, Science and Commerce)	833.63	250.09	333.45	250.09
03	Hostel for Boys & Girls Separately	497.25	149.18	223.76	124.31
04	Play Ground	2025.15	0.00	1012.58	1012.58
05	Gymnasium	232.20	69.66	104.49	58.05
06	Auditorium	232.20	69.66	104.49	58.05
07	Approach road & foot path in the college	568.65	0.00	284.33	284.33
08	Canteen block	138.24	41.47	55.30	41.47
09	Vehicle Parking	138.24	41.47	55.30	41.47
10	Switchyard	92.16	27.65	36.86	27.65
TOTAL		8805.01	1863.36	4031.83	2909.81

- i) In ordinary soil = $1863.36 + 4031.83 = 5895.19$ Cum.
ii) In Blast work = 2909.81 Cum.


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Distt. Chamba (H.P.)
Degree College Telka
Distt. Chamba (HP)
Office Seal

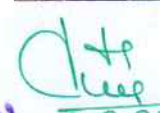

Divisional Forest Officer
Chureh Forest Divn. Selaon

MUCK MANAGEMENT (DUMPING SITES)

DETAIL OF SHOWING THE CAPACITY OF MUCK WILL BE ADJUSTED

Name of work :- Construction of Degree College building at Telka in Distt. Chamba (HP)

S.No	Name of Dumping Place	X-section area	Length	Quantity (In Cubic Mtr.)
1	Muck dumped in back filling of retaining wall in front of proposed building	57.10	67.00	3825.70
2	Muck dumped in foundation of plinth of above building	-	-	1454.57
3	Muck dumped in leveling of ground	-	-	2125.00
			Total	7405.27 Cubic Mtr.


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Name of work :- Construction of Degree College building at Telka in Distt. Chamba (HP)
Administrative and Teaching Block (Arts, Science and Commerce)

S.No.	Item of work	No.	L	W	H/D	Qty.
1	Site Development for building					4047.285 Cum
2	Administrative & Teaching Block (Art, Science and Commerce) Excavation in foundation trenches etc. in earth work Pick jumper work					
	Columns	57	2.50	2.60	2.25	833.63 Cum
3	Hostel for Boys & Grils Separately					
	Column	34	2.50	2.60	2.25	497.25 Cum
4	Play Ground					

RD.	X-Section area	Mean Area	Length	Quantity	Classifications			Quantity		
					PW	JW	BW	PW	JW	BW
0/ 0	0.00	0.00	10.00	0.00	0%	50%	50%	0.00	0.00	0.00
0/ 10	125.44	62.720	10.00	627.20	0%	50%	50%	0.00	313.60	313.60
0/ 20	154.15	139.795	10.00	1397.95	0%	50%	50%	0.00	698.98	698.98
0/ 30	172.35	163.250	10.00	1632.50	0%	50%	50%	0.00	816.25	816.25
0/ 40	164.77	168.560	10.00	1685.60	0%	50%	50%	0.00	842.80	842.80
0/ 50	143.15	153.960	10.00	1539.60	0%	50%	50%	0.00	769.80	769.80
Total :				2025.15				0.00	1012.58	1012.58
				Cum.				Cum.	Cum.	Cum.

5	Gymnasium						
	Column	18	2.40	2.50	2.15	232.20	Cum
6	Auditorium						
	Column	18	2.40	2.50	2.15	232.20	Cum

7 Approach road & foot path in the college

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Distt. Chamba (H.P.)

Divisional Forest Officer
Chitrah Forest Division, Salooni

RD.	X-Section area	Mean Area	Length	Quantity	Classifications			Quantity		
					PW	JW	BW	PW	JW	BW
0/ 0	0.00	0.00	10.00	0.00	0%	50%	50%	0.00	0.00	0.00
0/ 10	35.44	17.720	10.00	177.20	0%	50%	50%	0.00	88.60	88.60
0/ 20	42.85	39.145	10.00	391.45	0%	50%	50%	0.00	195.73	195.73
0/ 30	52.88	47.865	10.00	478.65	0%	50%	50%	0.00	239.33	239.33
0/ 40	62.45	57.665	10.00	576.65	0%	50%	50%	0.00	288.33	288.33
0/ 50	56.88	59.665	10.00	596.65	0%	50%	50%	0.00	298.33	298.33
60	64.35	60.615	10.00	606.15	0%	50%	50%	0.00	303.08	303.08
Total :				568.65				0.00	284.33	284.33
				Cum.				Cum.	Cum.	Cum.

8 Canteen block

Column 12 2.40 2.40 2.00 138.24 Cum

9 Vehicle Parking

Column 12 2.40 2.40 2.00 138.24 Cum

10 Switchyard

Column 8 2.40 2.40 2.00 92.16 Cum

Principal
Principal Govt. Degree College Telka
Degree College Telka
Distt. Chamba (HP)
Office
Seal

Divisional Forest Officer
Chamba Forest Divn. Salooni