

Enumeration List of Trees Along in Road From Ghat Poucha to Pai 5 Km in Deounthal Beat, Reserved Forest Block of Bahli Forest Range during 2020/21.

Sr. No.	Species	Dia	Class	Remarks	Sr.No.	Species	Dia	Class	Remarks
1	Oak	64-65	I-A	Green Standing	19	Kail	31-32	III	Green Standing
2	Oak	50-51	II-B	Do	20	Kail	23-24	IV	Do
3	Oak	53-54	II-B	Do	21	Chil	59-60	II-B	Do
4	Oak	77-75	I-B	Do	22	Chil	72-73	I-B	Do
5	Chil	82-83	I-C	Do	23	Chil	48-49	II-A	Do
6	Oak	38-39	III	Do	24	Kail	32-33	III	Do
7	Oak	38-39	III	Do	25	Kail	29-30	IV	Do
8	Kail	44-45	II-A	Do	26	Kail	24-25	IV	Do
9	Kakkad	36-37	III	Do	27	Kail	21-22	IV	Do
10	Chil	44-45	II-A	Do	28	Kail	29-30	IV	Do
11	Kail	36-37	III	Do	29	Kail	41-42	II-A	Do
12	Oak	49-50	II-A	Do	30	Kail	34-35	III	Do
13	Oak	48-49	II-A	Do	31	Kail	25-27	IV	Do
14	Chil	64-65	I-A	Do	32	Kail	27-28	IV	Do
15	Chil	63-64	I-A	Do	33	Oak	56-57	II-B	Do
16	Kail	29-30	IV	Do	34	Kail	29-30	IV	Do
17	Kail	34-35	III	Do	35	Kail	32-33	III	Do
18	Kail	26-27	IV	Do					

General Abstract

Kail	IV	III	II-A	II-B	I-A	I-B	I-C	Total
Numbers	10	6	2	0	0	0	0	18
Volume	4.23 m ³	5.784 m ³	3.55 m ³					13.564 m ³

Oak	IV	III	II-A	II-B	I-A	I-B	I-C	Total
Numbers	0	2	2	3	1	1	0	9
Volume		1.314 m ³	6.234 m ³	5.922 m ³	2.996 m ³	4.285 m ³		20.751 m ³

Chil	IV	III	II-A	II-B	I-A	I-B	I-C	Total
Numbers	0	0	2	1	2	1	1	7
Volume			2.956 m ³	1.974 m ³	7.578 m ³	5.466 m ³	7.531 m ³	25.505 m ³

Kakkad	IV	III	II-A	II-B	I-A	I-B	I-C	Total
Numbers	0	1	0	0	0	0	0	1
Volume		0.708 m ³						0.708 m ³

Hitesh Thakur
F.gd.
1/c - Beounthal
HITESH THAKUR

Virender Singh
VIRENDER SINGH

Murat Singh
Range Forest Officer
Bahli Forest Range
MURAT SINGH
Vikalp Yadav
Dy. Conservator of Forests
Rampur Forest Division
Rampur Buzshahr (H.P.)

Enumeration List of Trees as per Alternate alignment number 1, Along in Road from Ghat Poucha to Pai 5 Km in Beounthal Beat, Surad Forest Block of Bahli Forest Range during 20/21

Sr No	Species	Dia	Class	Remarks	Sr No	Species	Dia	Class	Remarks
1	Oak	64-65	I-A	Green Standing	25	Chil	29-30	IV	Green Standing
2	Oak	53-54	II-B	Do	26	Oak	50-51	II-B	Do
3	Kail	48-49	II-A	Do	27	Chil	49-50	II-A	Do
4	Oak	26-27	IV	Do	28	Oak	36-37	III	Do
5	Chil	49-50	II-A	Do	29	Chil	24-25	IV	Do
6	Oak	38-39	III	Do	30	Chil	36-37	III	Do
7	Oak	53-54	II-B	Do	31	Chil	50-51	II-B	Do
8	Kail	44-45	II-A	Do	32	Chil	29-30	IV	Do
9	Kail	36-37	III	Do	33	Kail	45-46	II-A	Do
10	Kail	29-30	IV	Do	34	Kail	48-49	II-A	Do
11	Kail	24-25	IV	Do	35	Kail	70-71	I-B	Do
12	Oak	50-51	II-B	Do	36	Oak	26-27	IV	Do
13	Oak	45-46	II-A	Do	37	Oak	53-54	II-B	Do
14	Oak	34-35	III	Do	38	Chil	82-83	I-C	Do
15	Oak	63-64	I-A	Do	39	Kakkad	44-45	II-A	Do
16	Kail	29-30	III	Do	40	Oak	72-73	I-B	Do
17	Kail	34-35	IV	Do	41	Chil	36-37	III	Do
18	Kail	26-27	III	Do	42	Kail	29-30	IV	Do
19	Kail	34-35	III	Do	43	Chil	70-71	I-B	Do
20	Kail	32-33	III	Do	44	Kail	29-30	III	Do
21	Chil	26-27	III	Do	45	Kakkad	36-37	III	Do
22	Kail	72-73	I-B	Do	46	Chil	48-49	II-A	Do
23	Chil	48-49	II-A	Do	47	Kail	34-35	III	Do
24	Chil	44-45	II-A	Do	48	Chil	26-27	IV	Do

General Abstract

Kail	IV	III	II-A	II-B	I-A	I-B	I-C	Total
Numbers	4	7	4					
Volume	1.692	6.748	7.1			2		17
					11.648			27.188 m3

Oak	IV	III	II-A	II-B	I-A	I-B	I-C	Total
Numbers	2	3	1	5	2	1		14
Volume	0.626	1.971	1.201	9.87	5.992	4.285		23.945 m3

Chil	IV	III	II-A	II-B	I-A	I-B	I-C	Total
Numbers	4	3	5	1		1	1	15

Hitesh Thakur
F. Od
1/2 - Beounthal
HITESH THAKUR

Virender Singh
Virender Singh

Murat Singh
Range Forest Officer
Bahli Forest Range
MURAT SINGH

Vikalp Yadav
(VIKALP YADAV, FFS)
Dy. Conservator of Forests
Rampur Forest Division
Rampur Buzsahr (H.P.)

Volume	1.312	2.325	7.39	2.47		5.466	7.531	26.494 m3
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Kakkad	IV	III	II-A	II-B	I-A	I-B	I-C	Total
Numbers		1	1					2
Volume		0.708	1.336					2.044 m3

Hitesh Thakur
 HITESH THAKUR
 F.gd
 1/c - Bountal

Vinod Singh
 Vinod Singh

Murat Singh
 Range Forest Officer
 Bahli Forest Range
 MURAT SINGH

Nikalp Yadav
 (NIKALP YADAV, IFS)
 Dy. Conservator of Forests
 Rampur Forest Division
 Rampur Bushahr (H.P.)

Full Title of the Project: - Diversion of 2.4620 hac. forest land for construction of link road from Ghat Poucha Raddu Pai road.

File No.:- FP/HP/ROAD/150882/2022

Date of Proposal: - 07/01/2022

UNDERTAKING

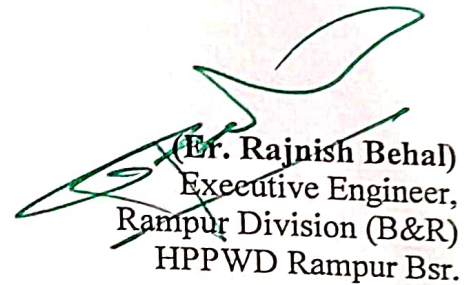
I, the Executive Engineer, Rampur Division (B&R) HPPWD Rampur hereby undertake that the cost of plantation scheme for reclamation of 0-20-58 hac. land along with civil work proposed in all muck dumping areas in Ghat Paucha Pai road, plantation scheme including fencing, plantation, maintenance etc. on the dumping area as per proposal for the construction of road has to be done by user agency itself as per the direction given by the Forest Department.

Date: 26-08-2022

Place: Rampur



(Vikalp Yadav), IFS
Dy. Conservator of Forests,
Rampur Forest Division,
Rampur Panchayat
Dy. Conservator of Forests
Rampur Forest Division
Rampur Bushahr (H.P.)



(Er. Rajnish Behal)
Executive Engineer,
Rampur Division (B&R)
HPPWD Rampur Bsr.

Full Title of the Project: - Diversion of 2,4620 hac. forest land for construction of link road from Ghat Poucha Raddu Pai road.

File No.:-

FP/HP/ROAD/150882/2022


Date of Proposal: -

07/01/2022

PLANTATION SCHEME FOR RECLAMATION OF 0-20-58 HA. AREA REQUIRED FOR MUCK DUMPING PLACES FOR THE CONSTRUCTION OF GHAT PAUCHA PAI ROAD IN RAMPUR FOREST DIVISION, DISTT. SHIMLA H.P.DIVISION.

Particulars of works	Year of execution of works	Unit cost at wage structure for 2022-23	Total	No. of plants	Cost of plants @ Rs. 27.12/-	Total Amount
Cost of Afforestation including material	2023-24	89800	18481	1100	29832	48313
1 st year maintenance	2024-25	10600	2181	330	8950	11131
2 nd year maintenance	2025-26	7100	1461	220	5966	7427
3 rd year maintenance	2026-27	3700	761	110	2983	3744
4 th year maintenance	2027-28	3700	761	110	2983	3744
5 th year maintenance	2028-29	3700	761	110	2983	3744
6 th year maintenance	2029-30	3700	761	110	2983	3744
7 th year maintenance	2030-31	3700	761	110	2983	3744
8 th year maintenance	2031-32	3700	761	110	2983	3744
9 th year maintenance	2032-33	3700	761	110	2983	3744
10 th year maintenance	2033-34	3700	761	110	2983	3744
Total =						96827
Contingencies Charges @ 5%						4841
Total cost of CA Scheme						101669
Departmental Charges @ 17.5%						17792
G. Total =						119461

All the reclamation works i.e. civil works proposed as per reclamation plan will be done by the user agency as per undertaking well before the afforestation works.


(Vikalp Yadav), IFS
Dy. Conservator of Forests,
Rampur Forest Division,
Dy. Conservator of Forests
Rampur Forest Division
Rampur Bushahr (H.P.)

ABSTRACT OF COST

NAME OF WORK: -C/O Road from Ghat Poucha Par road km 0/000 to 4/195
 (Sh-C/O Protection work for dumping yards)

Sr.No	Description	Qty.	Unit	Rate	Amount
1	Earth work in excavation for foundation of structures upto 3 metre depth as per drawing and technical specification Clause 1104 including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material.	61.80	Per Cubic metre.	171.40	10593.00
2	Providing and laying boulder apron laid in wire crates mate with G.I.wire conforming to IS :280 & IS 4826 in 100mmx100mm mesh (weaved diagonally including 10% extra for laps and joints laid with stone boulder weighing not less than 40 kg each, including hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer-in-Charge	1056.96	Per Cubic metre.	2516.70	2660051.00
Total:					26,70,644.00

Estimate Technically checked for Rs, 26,70,644/-

[Signature]

[Signature]
 Assistant Engineer
 B&R, Sub-Division No.1
 APPWD, Rampur Bst

[Signature]
 (E.L. Rajivsh Beral) (E.L. Rajivsh Beral)
 Executive Engineer
 Rampur Division (B&R)
 APPWD Rampur Bst

[Signature]
 (Srikalyan Yadav), IFS
 Dy. Conservator of Forests
 Rampur Forest Division
 Rampur Buzshahr (H.P.)

Detail of Measurement

NAME OF WORK - C/O Road from Ghat Poncha Pat road km 0/000 to 4/195

NAME OF WORK - C/O Road from Ghat Poncha Pat road km 0/000 to 4/195						
(SH-C/O Protection work for dumping yards)						
Sl No	Km/Rd's	Ht	L	Type of Structure	A/Excavation.	Boulder in Wire Grates
1	1/300 to 1/334	6.00	34.00	Wire Grate R/Wall	34.00x0.60=20.40 m ³	1st to 3rd Layer 3x34.00x2.40x1.20=293.76 m ³
						4th & 5th Layer 2x34.00x1.20x1.20=97.92 m ³
2	3/000 to 3/024	4.80	24.00	Wire Grate R/Wall	24.00x0.60=14.40 m ³	1st to 4th Layer 4x24.00x2.40x1.20=276.48 m ³
3	3/450 to 3/495	3.60	45.00	Wire Grate R/Wall	45.00x0.60=27.00 m ³	1st to 3rd Layer 3x45.00x2.40x1.20=388.80 m ³
G. Qty.					61.80 m ³	1056.96 m ³

JK

Excavation

Chakrabarty
 Dy. Conservator of Forests
 Rampur Forest Division
 Rampur Buxitalis (H.P.)

Assistant Engineer
 B&R, Sub-Division No.1
 H.P.W.D. Rampur Bsr.

(G. P. Singh Bera)
 Executive Engineer
 Rampur Division (B&R)
 HPPWD Rampur Bsr.