

GENERAL ABSTRACT OF COST

Name of work : Construction of Pakhar Gali Bargaon road and Bridge over Luni Khad km. 0/0 to 5/630 Under NABARD, Distt. Mandi (H.P.)

Sub Head :

C/O Formation Cutting 5/7 mtr. Wide i/c Passing Places, R/Walls & B/Walls, Dumping Site, C.D. works and Unlined Drain & C/O 25.00 mtr. Span RCC Box Girder Bridge over Luni Khad at RD 4/225.

Sr. No.	Sub Head of Item of work	Amount
1	2	3
1	Construction of Formation Cutting 5/7 mtr. wide "As per Annexure A attached	12621839.00 ✓
2	Construction of Retaining walls & Breast Walls "As per Annexure B attached	1936094.00 ✓
3	Construction of Dumping Site "As per Annexure C attached"	2074285.00 ✓
4	Construction of Cross-drainage works "As per Annexure D attached"	6029032.00
5	Construction of Unlined Surface drain "As per Annexure E attached"	287956.00 ✓
6	Construction of 25.00 mtr. Span RCC Box Girder Bridge "As per Annexure F attached"	8293302.00 ✓
	Total :	31242508.00
	Add 3% contingency charges	937275.00
	Total :	32179783.00
	Add 10% escalation charges	3217978.00
	Total :	35397761.00

Say Rs. 353.98/- lacs Only

Assistant Engineer
Kamand Sub-division
HPPWD Kamand

D.P.R. checked for Rs 353.98 lacs only HPPWD Mandi

Executive Engineer
Mandi Division No-1

Assistant Engineer
Bridge Const. Sub Divn.
H.P.W.D. Kamand

Circle Head Office H.P.W.D. Mandi
Executive Engineer (D)
Superintending Engineer
Mandi Division H.P.W.D. Mandi

Attended

ABSTRACT OF COST

Name of work:- Construction of Pakhari Galu Baragaon road and Bridge over Luni Khad km. 0/0 to 5/830 Under NABARD, Distt.

SH:- Construction of Dumping places)

Mandi (H.P.)

Sr.No.	Description of Item	Qty.	unit	Labour Rate	Amount	Through Rate	Amount
1	Earth work in excavation for structure as per drawing and technical specifications clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal upto a lead of 50.00 mtr., dressing of sides and bottoms and back filling in trenches with excavated suitable materials.	219.75	Per Cum	128.15	28161.00	128.15	28161.00
	Ordinary soil upto 3.00 metres depth.						
2	Providing and laying boulder apron laid in wire crates with 4 mm dia G.L. wire conforming to IS: 280 and IS: 4826 in 100x100 mm mesh (woven diagonally) including ten percent extra for laps and joint laid with stone boulders weighing not less than 25 kg each as per drawing and technical specification clause 1301.	631.80	Per Cum	125.15	79070.00	1458.40	921417.00
				Total	107231.00		949578.00
	Add labour enhancement 110% on labour rate						117954.00
	Add Extra cartage of material					Total	1067532.00
	Add extra cost of material						233872.00
							772881.00
						G.Total	2074285.00

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HPPWD Kamand

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HPPWD Mandi

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MUCK MANAGEMENT PLAN (MMP)

1	Total quantity of muck being produced	67888.37 Cum
2	Deduction of useful stone as required under the clause of agreement to be executed by the contractor and Executive Engineer of project.	5063.16 Cum
3	Net balance quantity of debries/muck (1-2) (A)	62825.21 Cum A
4	Quantity available on site with swell factor @ 40% (1.40x A)	87955.29 Cum B
5	Material/muck used in the project:-	
	(i) Deduction for material required for the construction of dumping place in dry masonry/edge wall @ 5% of B	4397.76 Cum
	(ii) Less material/muck required for levelling of proposed road for the construction @ 15% of B	13193.29 Cum
	(iii) Less material/muck required for the construction of proposed road on the analogy of half cutting and half filling @ 40% of B	35182.12 Cum
	Total:- 5(i)+(ii)+(iii)	52773.18 Cum C
6	Net Material/Muck to be dumped in dumping site (B-C)	35182.12 Cum D
7	Proposed dumping Sites:- Material/Muck left at the site which required carriage for the proper dumping at the recognised site as per instructions of Forest and environment Ministry reinforced by the various judgments of the Apex Court/Govt of India	

DUMPING CAPACITY PLAN

Sr.No.	Dumping SiteNo.	RD	Design anexed yes/No	Capacity (Cum)
1	1	3/870 to 3/980	Yes	$(280.80+222.50+144.65)/3 \times 110$ =23758.00 cum
2	2	4/490 to 4/530	Yes	$(240.69+193.50)/2 \times 40$ =8684.00cum
3	3	4/755 to 4/800	Yes	$(244.50+271.50)/2 \times 45.00$ =11610.00cum
			Total	44052.00 cum

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Attested
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