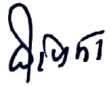


प्रपत्र 41

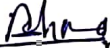
परियोजना का नाम:- जनपद चम्पावत में प्रधानमंत्री ग्राम सड़क योजना के अन्तर्गत प्रस्तावित, टनकपुर-तवाघाट मोटर मार्ग के किमी 0 114 से सिगदा मोटर मार्ग के नव निर्माण हेतु वन भूमि हस्तान्तरण प्रस्ताव।

मक डम्पिंग प्लान/प्रमाण पत्र

प्रमाणित किया जाता है कि चम्पावत में प्रधानमंत्री ग्राम सड़क योजना के अन्तर्गत प्रस्तावित, टनकपुर-तवाघाट मोटर मार्ग के किमी 0 114 से सिगदा नव निर्माण से उत्पादित मलबे को उचित प्रक्रियानुसार सुरक्षित स्थान पर डम्प किया जायेगा। मलबा कहीं भी वृक्ष आच्छादित क्षेत्र जल स्रोतों में नहीं डाला जायेगा।



कनिष्ठ अभियन्ता
पी०एम०जी०एस०वाई०
सिंचाई खण्ड लोहाघाट



सहायक अभियन्ता
पी०एम०जी०एस०वाई०
सिंचाई खण्ड लोहाघाट



अधिशाली अभियन्ता
पी०एम०जी०एस०वाई०
सिंचाई खण्ड लोहाघाट



वन क्षेत्राधिकारी
काली कुमार्क रेन्व
चम्पावत वन प्रभाग



सहायक वन क्षेत्राधिकारी
चम्पावत वन प्रभाग

Muck Disposal Plan							
Name of Work: Construction of Tanakpur-Tawaghat Motor Road Km.114 To Sigda Motor Road, (Stage-Ist),under P.M.G.S.Y.							
Name of Block: Barakot (Champawat)				Length: 8.250 KM			
Summary of Results							
1	The Quantity of material received from hill side cutting=					118975.610	Cum
	(Sheet attachad on page no. Of Muck disposal estimate)						
2	The Quantity of material used in various items=					44050.56	Cum
	(Sheet attachad on page no. Of Muck disposal estimate)						
3	The remaining Quantity of muck for dumping i/c swell factor=					89910.06	Cum
	(Sheet attachad on page no. Of Muck disposal estimate)						
4	Numbers of dumping yards needed for the dumping of muck =						
	(i) In R.F =					8	Nos
	(ii) In Nap Land =					9	Nos
	(Sheet attachad on page no. Of Muck disposal estimate)						
5	Carrying capacity of dumping yards with dimensions & coordinates						
			Area in hect.			Quantity	
	(i) In R.F =		0.8			89910.06	Cum
	(ii) In Nap Land =		0.9			-	Cum
		Total=	1.7		Total=	89910.06	Cum
	(Sheet attachad on page no. Of Muck disposal estimate)						
6	Land ownership Reports (Nap Land)						
	N.A.						
7	Cost of Vegetation Plantation in Civil Soyam Land = Rs.					1.22	Lacs
	(Sheet attachad on page no. Of Muck disposal estimate)						
8	Total Expenre in R.F & Nap Land =						
	(i) Cost of Construction of Dumping Yards=					22.36	Lacs
	(ii) Cost of Vegetation Plantation =					1.22	Lacs
					Total=	23.58	Lacs
	Add 2 % incidental Charges=					0.47	Lacs
					Total=	24.05	Lacs

JE

Shena
 सहायक अभियन्ता
 पी० एम० जी० एस० वाई०
 सिंचाई खण्ड लोहाघाट

Shena
 अधिशासी अभियन्ता
 पी० एम० जी० एस० वाई०
 सिंचाई खण्ड लोहाघाट

Shena
 प्रशासकीय वनाधिकारी
 कल्याणत वन प्रभाग चम्पावत

Name of Work: Construction of Tanakpur-Tawaghat Motor Road Km.114 To Sigda Motor Road, (Stage-Ist), Under

Name of Block : Barakot

Length: 8.250 KM

MUCK DUMPING AREA OF R.F.& Nap LAND

SN	गाव का नाम	Location of Dumping Yard			Type of Land	No	Size of Catchment Area		Quantity	खाता सं०
		Chainage	Latitude (N)	Longitude (E)			Length in M	Width in M		
1	सिंगदा	0.100	29°29'57.29"N	80° 05'48.57"E	R.F.	1	40.00	25.00	1000.00	-
2		0.600	29°30'6.07"N	80° 05'43.18"E	R.F.	1	40.00	25.00	1000.00	-
3		1.300	29°30'8.32"N	80° 05'08.82"E	R.F.	1	40.00	25.00	1000.00	-
4		1.750	29°30'9.73"N	80° 05'8.98"E	R.F.	1	40.00	25.00	1000.00	-
5		2.225	29°30'15.56"N	80° 06'24.13"E	R.F.	1	40.00	25.00	1000.00	-
6		2.775	29°30'15.87"N	80° 06'15.89"E	R.F.	1	40.00	25.00	1000.00	-
7		3.300	29°30'15.60"N	80° 05'59.14"E	R.F.	1	40.00	25.00	1000.00	-
8		3.825	29°30'15.32"N	80° 05'11.61"E	R.F.	1	40.00	25.00	1000.00	-
9		4.500	29°30'7.82"N	80° 06'24.90"E	Nap	1	40.00	25.00	1000.00	1
10		5.000	29°30'3.67"N	80° 06'49.73"E	Nap	1	40.00	25.00	1000.00	1
11		5.500	29°32'9'56.38"N	80° 07'00.99"E	Nap	1	40.00	25.00	1000.00	1
12		5.975	29°30'5.41"N	80° 07'7.88"E	Nap	1	40.00	25.00	1000.00	2
13		6.525	29°30'11.37"N	80° 06'50.87"E	Nap	1	40.00	25.00	1000.00	2
14		7.125	29°30'6.65"N	80° 06'47.36"E	Nap	1	40.00	25.00	1000.00	20
15		7.425	29°30'1.70"N	80° 06'57.30"E	Nap	1	40.00	25.00	1000.00	20
16		7.800	29°30'56.39"N	80° 07'6.5"E	Nap	1	40.00	25.00	1000.00	22
17		8.250	29°29'58.14"N	80° 06'2.87"E	Nap	1	40.00	25.00	1000.00	2
Total area in SqM									17000.00	

मोटर मार्ग निर्माण के दौरान उत्सर्जित मलवा के निस्तारण हेतु आवश्यक नाप भूमि -

1.700

Hect.

15/10/21

EE

बन विभागाधिकारी
काली कुमाऊँ राज्य
रक्षावन वन प्रभाग

JE

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बनागोय बनाधिकारी
रक्षावन वन प्रभाग बरकापुर

अधिकासी अभियन्ता
पी० एम० जी० एस० वाई०
सिंवाई खण्ड लोहाघाट

65

Name of Work: Construction of Tanakpur-Tawaghat Motor Road Km.114 To Sigda Motor Road (Stage-Ist),under P.M.G.S.Y. Lohaghat									
Name of Block: Barakot						Length: 8.250 KM			
Carrying Capacity Of Wire-Crate									
SN	Location of Dumping Yard			Type of Land	No	Size of Catchment Area of Wire Crate			Quantity (CuM)
	Chainage	Latitude (N)	Longitude (E)			Length In M	Width In M	Height in M	
1	0.100	29°29'5729"N	80° 05'48.57"E	R.F	1	40.00	25.00	4.50	2250.00
						40.00	25.00	4.20	2100.00
2	0.600	29°30'6.07"N	80° 05'43.18"E	R.F	1	40.00	25.00	5.20	2600.00
						40.00	25.00	5.00	2500.00
3	1.300	29°30'8.32"N	80° 05'08.82"E	R.F	1	40.00	25.00	6.20	3100.00
						40.00	25.00	6.90	3450.00
4	1.750	29°30'9.73"N	80° 05'8.98"E	R.F	1	40.00	25.00	5.20	2600.00
						40.00	25.00	4.70	2350.00
5	2.225	29°30'15.56"N	80° 06'24.13"E	R.F	1	40.00	25.00	4.90	2450.00
						40.00	25.00	5.30	2650.00
6	2.775	29°30'15.87"N	80° 06'15.89"E	R.F	1	40.00	25.00	6.00	3000.00
						40.00	25.00	4.10	2050.00
7	3.300	29°30'15.60"N	80° 05'59.14"E	R.F	1	40.00	25.00	3.50	1750.00
						40.00	25.00	7.00	3500.00
8	3.825	29°30'15.32"N	80° 05'11.61"E	R.F	1	40.00	25.00	6.90	3450.00
						40.00	25.00	5.60	2800.00
9	4.500	29°30'7.82"N	80° 06'24.90"E	Nap	1	40.00	25.00	6.00	3000.00
						40.00	25.00	4.90	2450.00
10	5.000	29°30'3.67"N	80° 06'49.73"E	Nap	1	40.00	25.00	6.90	3450.00
						40.00	25.00	6.00	3000.00
11	5.500	29°32'9'56.38"N	80° 07'00.99"E	Nap	1	40.00	25.00	3.50	1750.00
						40.00	25.00	4.00	2000.00
12	5.975	29°30'5.41"N	80° 07'7.88"E	Nap	1	40.00	25.00	4.00	2000.00
						40.00	25.00	4.50	2250.00
13	6.525	29°30'11.37"N	80° 06'50.87"E	Nap	1	40.00	25.00	5.00	2500.00
						40.00	25.00	5.00	2500.00
14	7.125	29°30'6.65"N	80° 06'47.36"E	Nap	1	40.00	25.00	5.20	2600.00
						40.00	25.00	5.30	2650.00
15	7.425	29°30'1.70"N	80° 06'57.30"E	Nap	1	40.00	25.00	5.40	2700.00
						40.00	25.00	5.50	2750.00
16	7.800	29°30'56.39"N	80° 07'6.5"E	Nap	1	40.00	25.00	6.00	3000.00
						40.00	25.00	7.00	3500.00
17	8.250	29°29'58.14"N	80° 06'2.87"E	Nap	1	40.00	25.00	6.85	3425.00
						40.00	25.00	5.00	2500.00
Carrying Capacity Of Wire-Crate									90625.00

Quantity of Muck to be disposed at dumping places 89993.82
Balance 631.18

cum
cum
cum

सहायक अभियन्ता
पी०एम०जी०एस०वाई०
सिंचाई खण्ड, लोहाघाट

सहायक अभियन्ता
पी०एम०जी०एस०वाई०
सिंचाई खण्ड, लोहाघाट

अधीक्षक अभियन्ता
पी०एम०जी०एस०वाई०
सिंचाई खण्ड, लोहाघाट

जन क्षेत्राधिकारी
काली कुमारी रेन्ड
सहायक जन प्रशासक

Estimate for Muck Disposal

**Name of Work: Construction of Tanakpur-Tawaghat Motor Road Km.114 To Sigda Motor Road,
(Stage-Ist), Under P.M.G.S.Y. Lohaghat.**

Name of Block: Barakot

Length: 8.250 KM

Detail Of Measurment

Sr.No.	Item Of Work	No.			Length	Width	Height	Quantity	Unit
1).	Earthwork in excavation for structures, Construction of retaining walls/breast walls in cement mortar 1:5 as per drawing and technical specifications Clause 1604								
1	Chainage 0.000 to 1.000 km	1	x	9	3.00	1.50	0.50	20.25	cum
2	Chainage 1.000 to 2.000 km	1	x	5	3.00	1.50	0.50	11.25	cum
3	Chainage 2.000 to 3.000 km	1	x	7	3.00	1.50	0.50	15.75	cum
4	Chainage 3.000 to 4.000 km	1	x	7	3.00	1.50	0.50	15.75	cum
5	Chainage 4.000 to 5.000 km	1	x	6	3.00	1.50	0.50	13.50	cum
6	Chainage 5.000 to 6.000 km	1	x	10	3.00	1.50	0.50	22.50	cum
7	Chainage 6.000 to 7.000 km	1	x	12	3.00	1.50	0.50	27.00	cum
8	Chainage 7.000 to 8.250 km	1	x	14	3.00	1.50	0.50	31.50	cum
								157.50	cum
2).	Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS:280 and IS:4826 in 100 mm x 100 mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specifications Clause 1301								
1	Chainage 0.000 to 1.000 km	1	x	9	3.00	1.50	1.50	60.750	cum
2	Chainage 1.000 to 2.000 km	1	x	5	3.00	1.50	1.50	33.750	cum
3	Chainage 2.000 to 3.000 km	1	x	7	3.00	1.50	1.50	47.250	cum
4	Chainage 3.000 to 4.000 km	1	x	7	3.00	1.50	1.50	47.250	cum
5	Chainage 4.000 to 5.000 km	1	x	6	3.00	1.50	1.50	40.500	cum
6	Chainage 5.000 to 6.000 km	1	x	10	3.00	1.50	1.50	67.500	cum
7	Chainage 6.000 to 7.000 km	1	x	12	3.00	1.50	1.50	81.000	cum
8	Chainage 7.000 to 8.250 km	1	x	14	3.00	1.50	1.50	94.500	cum
								TOTAL	472.50
									cum

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सहायक अभियन्ता
पी०एम०जी०एस०वाई०
सिंचाई खण्ड, लोहाघाट

अधिसासी अभियन्ता
पी०एम०जी०एस०वाई०
सिंचाई खण्ड, लोहाघाट

ब्रजगोप बनाविकारी
कल्याण वन ब्रजाप बनाविकारी

3).	Random Rubble stone masonry In Coolie walling including supply of all material , labour, T&P etc. required for proper completion of the work. (As per PWD Uttarakhand specifications)	1	x	4	300.00	0.50	0.60	360.00	cum
								360.00	cum
4).	Removal of Unsuitable Soil with Disposal upto 1000 m, Removal of unsuitable soil including excavation, loading and disposal upto 1000 m lead but excluding compaction ground supporting embankment subgrade replacement by suitable soil, which shall be paid separately as per Clause 303.5.2 as per Technical Specification Clause	1	x	1	89993.82			89993.82	cum
5).	Vegetation Plantation (@500 plant per hactare)	1	x	1	3.926			3.926	hect.

Signature
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सहायक अभियन्ता
पी० एम० जी० एस० वाई०
सिंचाई खण्ड लोहाघाट

Signature
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अधिशारी अभियन्ता
पी० एम० जी० एस० वाई०
सिंचाई खण्ड लोहाघाट

Signature
वन क्षेत्राधिकारी
काली कुमाऊं रेन्ज
बम्हावत वन प्रभाग

Signature
बनायीय वनाधिकारी
बम्हावत वन प्रभाग बम्हावत

Estimate for Muck Disposal

Name of Work: Construction of Tanakpur-Tawaghat Motor Road Km.114 To Sigda
Motor Road, (Stage-Ist), under P.M.G.S.Y. Lohaghat.

Name of Block: Barakot

Length: 8.250 KM

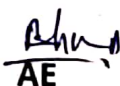
Bill Of Quantity

Sr.No.	Item Of Work	Quantity	Unit	Rate	Amount
1).	Earthwork in excavation for structures, Construction of retaining walls/breast walls in cement mortar 1:5 as per drawing and technical specifications Clause 1604	157.50	Cum	263.30	41469.75
2).	Providing and laying of boulder apron laid in wire crates with 4 mm dia GI wire conforming to IS:280 and IS:4826 in 100 mm x 100 mm mesh (woven diagonally) including 10 per cent extra for laps and joints laid with stone boulders weighing not less than 25 kg each as per drawing and technical specifications Clause 1301	472.50	Cum	2119.70	1001558.25
3).	Removal of Unsuitable Soil with Disposal upto 1000 m Removal of unsuitable soil including excavation, loading and disposal upto 1000 m lead but excluding compaction ground supporting embankment subgrade replacement by suitable soil, which shall be paid separately as per Clause 303.5.2 as	14985.01	Cum	45.30	678820.94
4).	Construction of coolie walling including supply of all material, labour, T&P etc. cu.m required for proper completion of the work. (As per PWD Uttarakhand specifications)	360.00	Cum	1087.80	391608.00
5).	Vegetation Plantation (@500 plant per hecture)	3.926	Hect.	31128.00	122208.53
Total					2235665.47



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सहायक अभियन्ता
पी० एम० जी० एस० वर्क
सिंचाई खण्ड लोहावाट

22.36

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अधिशाली अभियन्ता
पी० एम० जी० एस० वर्क
सिंचाई खण्ड लोहावाट


बन क्षेत्राधिकारी
काली कुमाऊँ रेन्
बन्यारन वन प्रभाग


बनक्षेत्रीय क्षेत्राधिकारी
बन्यारन वन प्रभाग बन्धारा

Name of Work: Construction of Tanakpur-Tawaghat Motor Road Km.114 To Sigda Motor Road, (Stage-Ist),under P.M.G.S.Y. Lohaghat.			
Name of Block: Barakot		Length: 8.250 KM	
Muck Received From Hill Side Cutting			
Sr.No.	Description of work	Quantity	Unit
	Material recived from hill side cutting	118975.610	Cum
Disposal and use of Material			
1	Earth and Boulder filling for re-grading	11897.56	cum
2	Earth and Boulder filling for Super elevation	0.00	cum
3	Construction of coolie walling	360.00	cum
4	R.R. Stone Mesonary laid in 1:5	2300.42	cum
5	R.R. Stone Mesonary laid in Dry	3102.80	cum
6	Hand Packed Stone Filling	1801.43	cum
7	Construction of Wire Create	3442.88	cum
8	Construction of Parapet	36.23	cum
9	Construction of Pillars	214.00	cum
10	Construction of Scupper	2946.03	cum
11	Material Used for hill side pucca k/c drain	100.00	cum
12	Qty of Material to be disposed along the Road	17849.21	cum
	TOTAL	44050.56	cum

Quantity of Muck to be disposed at dumping places = (Material Received- Materia used) cum

118975.61 - 44050.56 74925.05

Add for Bulkage 20% extra = 14985.010 Cum

Total : 89910.06 Cum

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सहायक अभियन्ता
पी०एम०जी०एस०वाई०
सिंचाई खण्ड, लोहाघाट

अधिकांशी अभियन्ता
पी०एम०जी०एस०वाई०
सिंचाई खण्ड, लोहाघाट

वन क्षेत्राधिकारी
काली कुमाऊँ रेन्ज
रुम्पायत वन प्रभाग

पुनः
जननीय जनप्रिया
जनप्रिय जन प्रभाग जनप्रिय