

Construction of High Level Bridges at Bindi village
over Purnani dhar of Bagmati river.

Measurement Book

Schedule XLV-Form No. 134

बन्दिगढ़ कार्य विभागाधीन DIVISION

कार्य क्षेत्र पश्चिम पहाडी SUB-DIVISION 1322

पृष्ठ 15

य मापन किताब मा गहराई कि क्षमता मापन
यमा मे मछिना छारा अक्षित किताब छुटा
पक छ सौ पुस्तक अक्षित छ मा वरि
योग सहायक अभियन्ता अक्षित
कार्य विभाग कार्य अवर प्रमुख पिपराई
क नगर निर्माता छ

Prashant
18.07.22
EXECUTIVE ENGINEER
K.M. WORKS DIVISION
STRECHER

Ankit
18/7/22

Sch. XLV - Form No. 134

DIVISION

SUB-DIVISION

Measurement Book

No. 1322

Name of Officer _____

Abstract of 5th A/C Bill

Date 11.11.2023

Item No. 01

Providing & fixing
of project logo &
information board

Vide this M.B. Page 67. 3 No.

3 Nos @ Rs 8,792.98/No

→ Rs 26,379.00

Item No. 02

Const. of embankment

with material

obtained from borrow

pit

Rs 26,379.00

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
				543.50
Width this M.B	Page			50. m ²
Abstract of 4th Ak B	4 Page			2300.20
				51. m ²
				5843.50 m ²
				5843.50 m ² @ Rs 12000/7/3
				Rs 11,10,674.00
Item No. 03				
Const. of granular				
sub base Gr II				
Width this M.B	Page			18.22
Abstract of 4th Ak B	4 Page			78.98
				51. m ²
				97.20 m ²
				97.20 m ² @ Rs 31080/49/m ²
				Rs 3,02,174.00
Item No. 04				
Providing & laying				
R.C.C. Pipe NP3 on				
1st class bedding				
Abstract of 4th Ak B	Page			52.00 m
120.00 m @ Rs 3601.48/m				
				Rs 4,32,178.00
Item No. 05				
Earthwork in excavation				
for structure				
i) Up to 3m depth				
Abstract of 4th Ak B	Page			52.31
527.31 m ³ @ Rs 167200/m ³				
				Rs 99,751.00

Rs 19,71,156.00
Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ii) 3m to 6m depth					219.06m ³
Abstract of 4th A/c Bill Page 52					
219.06m ³ @ R 301220/m ³					
→ R 65,981.00					
Item No. 06					
Providing & constructing					
temporary earth island					1m
Abstract of 4th A/c Bill Page 52					
1m @ R 59,722.55/m					
→ R 59,722.55					
Item No. 07					
Providing & constructing					
one span service road					
Abstract of 4th A/c Bill Page 53					14.50m
14.50m @ R 2,950.20/m					
→ R 42,778.00					
Item No. 08					
Supplying, fitting					
and placing HYSD					
bar reinforcement					68.21MT
Abstract of 4th A/c Bill Page 53					
68.21MT @ R 58,500.00/MT					
→ R 40,48,785.00					
Item No. 09					
Barbed Cast in situ					408m
grade R.C.C. pile					
Abstract of 4th A/c Bill Page 53					

R 61,88,430.00

Continuation

R 61,88,430.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4.08 m @ R 17,407.23/m					
→ R 71,021.50 = 1.0					
Item No. 10					
Providing & laying of					
R.C.C. Mislevelling course					
Abstract of 4th A/c Bill Page 53.					27.706 M ³
27.706 M ³ @ R 6,250.20/m ³					
→ R 1,73,168.20					
Item No. 11					
R.C.C. grade M 30 in					
pile foundation					
Abstract of 4th A/c Bill Page 54.					205.69 M ³
205.69 M ³ @ R 7,478.06/m ³					
→ R 22,85,868.20					
Item No. 12					
Supplying, fitting &					
placing HYSD bar					
in substructure					22.567 MT
Abstract of 4th A/c Bill Page 54.					
22.567 MT @ R 58,600.74/MT					
→ R 13,22,426.20					
Item No. 13					
R.C.C. M 30 in					
substructure					
i) Up to 5 m height					162.25 M ³
Abstract of 4th A/c Bill Page 54.					
162.25 M ³ @ R 7,752.84/m ³					

R 1,70,72,142.00

Continuation

Sch. XLV-Form No. 134

Rs. 1,90,92,142.00

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
iii) From 5m to 10m height			Rs. 12,61,975.00	
Abstract of 4th A/c Bill Page 55-			44.32m ³	
44.32m ³			@ Rs. 7830.505/ft ³	
			Rs. 3,47,048.00	
Item No. 14				
R.C.C. 73 in				
sub structure				
Abstract of 4th A/c Bill Page 55-			8.62m ³	
8.62m ³			@ Rs. 7933.2056/ft ³	
			Rs. 68,319.00	
Item No. 15				
Providing wash holes				
as per drawing				
Abstract of 4th A/c Bill Page 6 - 66 No.				
66 No.			@ Rs. 122.25/No	
			Rs. 8,055.00	
Item No. 16				
Supplying, fixing and fixing elastomeric bearing				
Abstract of 4th A/c Bill Page 62 - 66			38,400.00	
Abstract of 4th A/c Bill Page 65 - 66			92,075.00	
			1,31,475.00	
131,475.00 @ Rs. 0.58/ft ²				
			Rs. 76,256.00	

Continuation

Rs. 1,90,92,142.00

1,88,33,585.00

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	D.
Item No. 17/14				
Providing & laying filter media				
Vide this M.B. Page 61 - 118.80				
98.85m ³ @ Rs 2362.50/m ³				
→ Rs 232710.00				
Item No. 18/13				
Backfilling behind abutment & suction well				
Vide this M.B. Page 61 - 118.80				
As per B.O.D - 224.41m ³				
224.41m ³ @ Rs 526.25/m ³				
→ Rs 118152.00				

Item No. 19/12				
Supplying, fitting & placing H.V.S.D. bar reinforcement in superstructure				
Vide this M.B. Page 55 - 117.05				
17.05MT @ Rs 59300.00/MT				
→ Rs 1011065.00				
Item No. 20/15				
Providing & laying R.C.C. M20 in superstructure				
Vide this M.B. Page 60 - 118.81				
Abstract of G.H.A.C. Bill Page 118.83				
118.15m ³				

Continuation
 18823585210
 18823585210

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	D.
	119.	14 m ³	@ Rs 8612	252/13
		→	Rs 1026	195 = 00
Item No. 21/19				
Drainage expense				
as per drawing				16 Nov
Abstract of G.H.A.C. Bill				Page 56-
16 Nov @ Rs 4612				18/Nov
→			Rs 7379	= 00
Item No. 22/22				
Strip steel expansion				
joint as per specification				25.35 m
Abstract of G.H.A.C. Bill				Page 56-
25.35 m @ Rs 11283				2556 m
→			Rs 2,86,038	= 00
Item No. 23/24				
Providing & fixing				
20mm thick pre-moulded				
joint filler in expansion joint				25.35 m
Abstract of G.H.A.C. Bill				Page 56-
25.35 m @ Rs 3872				984 m
→			Rs 9834	= 00
Item No. 24/17				
Providing & laying				
R.C.C. Working Course				Page 1309
vide this m.B. Page 61-73				17.43
17.49 m ³ @ Rs 12150				207/13

Rs 202,63,193 = 00
 Continuation
 216,24,968 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					→ Rs 2,12,504 = 00
Item No 25/18					
Construction of					
R.C.C. ceiling					62.20m
Vide this M.B Page					61 -
62.20m @ Rs 2,025 = 89/m					
					→ Rs 1,26,005 = 00
Item No. 26/1920					
R.C.C.M. below					
approach slab					
Vide this M.B Page					6.38 m ³
6.38m ³ @ Rs 6,173.85/m ³					
					→ Rs 39,388 = 00
Item No 27/21					
R.C.C.M. below					
approach slab					
Vide this M.B Page					18.96m ³
18.96m ³ @ Rs 10,200 = 00/m ³					
					→ Rs 1,93,288 = 00
Item No. 28/27					
Clearing & grubbing					
road land					
Abstract of 4th A/c Bill					0.078H
0.078H @ Rs 52,866 = 716/H					
					→ Rs 4,131 = 00
Item No. 29/28					
Const. of embankment					

Rs 2,02,40,510 = 00
Continuation
2,22,02,285 = 00

Particulars	Details of actual measurement			Contents of area
	Ha.	L.	B.	D.
with material obtained from borrow pits				
Abstract				
Vide this M.B. Page 62				2068.48
3068.48 m ³ @ R 19.19 = 5874/m ³				
→ R 587238.00				
Item No. 30/26				
Providing & laying filter material				
Vide this M.B. Page 64				88.87
As per B.O. 82.96 m ³				
82.96 m ³ @ R 35.19 = 2920/m ³				
→ R 291787.00				
Item No. 31/25				
Providing & laying boulder pitching on slopes				
Vide this M.B. Page 64				195.62
As per B.O. 184.42 m ³				
184.42 m ³ @ R 30.55 = 5555/m ³				
→ R 563505.00				
Item No. 32/29				
Const. of earthen shoulders with approved material				
Vide this M.B. Page 66				77.00 m ³
77.00 m ³ @ R 19.19 = 14766/m ³				
→ R 14766.00				

R 2,23,93,806.00
 Continuation
 2,36,55,581.00

Particulars	Details of actual measurement			Contents of area
	No.	L.	D.	
Item No. 33/30				
Const. of granules				
Sub base				
Vide this M.B. Page 65				82.00 m ²
As per B.O.D.				82.62 m ²
82.62 m ² @ Rs 3108.89/m ²				
→ Rs 256,848.00				
Item No 34/31				
Providing, laying &				
Compacting WBM-III				
Vide this M.B. Page 65				28.88 m ²
As per B.O.D.				28.69 m ²
28.69 m ² @ Rs 3945.620/m ²				
→ Rs 1,13,200.00				
Item No 35/32				
Providing & applying				
Primer coat				
Vide this M.B. Page 66				384.50 m ²
As per B.O.D.				382.50 m ²
382.50 m ² @ Rs 4105.97/m ²				
→ Rs 15,704.00				
Item No 36/33				
Providing & applying				
Tack Coat				
Vide this M.B. Page 66				384.50 m ²
As per B.O.D.				382.50 m ²

Rs 2,40,41,323.00
Continuation

Sch. XLV-Form No. 134 Rs 2,40,41,333.00

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	D.
		282.50 m ²	@ Rs 1422.18/m ²	
			→ Rs 4,01,580.00	
		Item No. 37/34		
		Providing, laying & rolling of premix		
		surfacing 20mm thick		
		Vide this M.B. Page 66.		384.50 m ²
		As per B.O. @ Rs 225.65/m ²		
		282.50 m ²	@ Rs 225.65/m ²	
		→ Rs 63,712.00		
		Item No. 38/36		
		Providing & laying of hot applied thermoplastic		
		Compound 2.5mm thick		
		As per B.O. Page 67.		20.00 m ²
		20.00 m ²	@ Rs 1440.00/m ²	
		→ Rs 28,800.00		
		Item No. 39/37		
		R.C.C. M.S. gr		
		boundary pillars		
		of standard design		
		Vide this M.B. Page 67.		130 Ht.
		130 Ht. @ Rs 525.00/Ht.		
		→ Rs 68,250.00		
		Rs 2,42,170.72		

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	D.
	R	2,42,17,072		2.60
Add 12% GST	R	29,06,048		2.60
Add 1% L.C.	R	2,42,170		2.60
Add S. Fee vide Page 6	R	1,10,760		2.60
	R	2,74,76,051		2.60
Deduct 0.1% as per Contract	R	30,22,400		
	R	2,74,45,827		2.60
Deduct Provision Payment	R	2,40,48,341		2.60
	R	34,37,486		2.60
11-11-2023 11-11-23 A.E. Bibhu Prasad 11-11-2023 A.E.				
CSE 27/01/2024				