

Const. of HL BRIDGE AT DHAPARSA TO BARIYA
AT CH-0.725 KM

Schedule XLV-Form No. 134

MB-No:- 2110

BARSOI

DIVISION

SUB-DIVISION

KADUNA

MEASUREMENT

MEASUREMENT BOOK

KHUSI CONSTRUCTION
of company

3rd and final Bill

ABSTRACT of COST

13

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work — Const. of H.E.					
Bridge at Dharpasia to					
Bariga Jola via Mochi					
Jola Dharpasia at ch. 0.725km					
Span — (2 x 8.0m x 4.0m)					
Package No. — (State Scheme - 23 Barsoi					
Agr no. — 29 SBD 2023-24 (54)					
Agency — M/s Khushi Construction					

Date of Entry —

measurement vide MB No (2110)

1/4

Earth work in excavation

for stage —

850.40 m³ vide TMB Pg (6)@ RS 427.09/m³ — RS 363197.00

2/4

P/V PCC m/s as landing

Course —

37.84 m³ vide TMB Pg (6)@ RS 7906.44/m³ — RS 299180.00

3/6

RCC m/s grade in sub

structure — Comp

332.03 m³ vide TMB Pg (6)12.62 m³ vide MB (2110) Pg (15)1.27 m³ vide TMB Pg (7)345.92 m³@ RS 10255.71/m³ — RS 35,47,655.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4/7) S/E/D Hysd bar cement in sub-structure - as per T.S.					
26.221 mt vide TmB Pg (7)					
@ R8 80608.61/mt					R8 2113638.00
5/8) P/W weep hole in RCC abut to R wall					
68.0 NOS vide TmB Pg (7)					
@ R8 137.24/each					R8 9332.00
6/9) Back filling behind abut and R wall					
263.50 m ³ vide TmB Pg (7)					
32.03 m ³ vide MB (21/10) Pg (16)					
295.53 m ³					
@ R8 991.04/m ³					R8 292882.00
7/10) Filter media with gravel for crushed - as per T.S.					
97.63 m ³ vide TmB Pg (7)					
11.05 m ³ vide MB (21/10) Pg (16)					
108.68 m ³					
@ R8 4340.93/m ³					R8 471772.00
8/12) P/W laying RCC m-25 grade in substructure comp as per above T.S.					
90.25 m ³ vide TmB Pg (8)					
4.41 m ³ vide MB (21/10) Pg (16)					
94.66 m ³					
@ R8 10344.62/m ³					R8 979222.00
9/13) S/E/D Hysd bar cement in super structure - as per T.S.					
7.722 mt vide TmB Pg (8)					
@ R8 82271.81/mt					R8 635303.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10/14) P/L 2 laying Cement Conc wearing Course m-30 grade as per T.S. 13.78 m ³ vide TMB Pg (9) @ R8 18561.86/m ³ ——— R8 255782.00					
11/15) Provision of an R.C.C. Crash Barrier as per T.S. 49.0 m 49m vide TMB Pg (9) @ R8 5870.37/m ——— R8 287648.00					
12/16) Drainage & Paints Complete as per draw & T.S. 8.0 Nos vide TMB Pg (10) @ R8 699.03/each ——— R8 5592.00					
13/17) R.C.C m 15 grade below approach slab as per draw & T.S. 8.87 m ³ vide TMB Pg (10) @ R8 7906.44/m ³ ——— R8 70130.00					
14/18) R.C.C m 30 grade approach slab — Comp as per draw & T.S. 17.75 m ³ vide TMB Pg (10) @ R8 15175.13/m ³ ——— R8 269359.00					
15/19) Strip seal extension Joint — Comp as per T.S. 16.90 m vide TMB Pg (10) @ R8 10754.81/m ——— R8 181756.00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
16/20) E / work excavation for structures — as per drawn & T.S.					
657.84 m ³ vide TMB Pg (10)					
@ R8 427.09/m ³ ————				R8	280957.00
17/21) P/V & laying boulder apron for bed protection with stone metal — as per T.S.					
78.0 m ³ vide TMB Pg (2110) Pg (15)					
@ R8 4514.91/m ³ ————				R8	352163.00
18/22) P/V & laying per m-15 grade flooring — as per T.S.					
39.0 m ³ vide mB					
@ R8 6629.98/m ³ ————				R8	258569.00
19/24) P/V & laying curtain wall Comp. — as per T.S.					
135.90 m ³ vide TMB Pg (10)					
@ R8 7906.44/m ³ ————				R8	1074485.00
20/25) Const. of Embankment with approved material					
450.0 m ³ vide TMB Pg (8)					
@ R8 956.64/m ³ ————				R8	115488.00
21/26) Const of gravel or sub base — as per T.S.					
18.23 m ³ vide TMB Pg (9)					
@ R8 4155.18/m ³ ————				R8	75749.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
22/27) P/V & laying Rec Pipe NP-3					
37.50 m wide TMB Pg (9)					
@ R8 4474.38/m				R8	167789.00
23/28) clearing & grubbing Road land-- as per T.S					
0.10 Ha wide TMB Pg (9)					
@ R8 75573.34/Ha				R8	7557.00
24/29) Dismantling of existing Rec structure -- Comp as per T.S					
209.27 m ³ wide TMB Pg (8)					
16.06 m ³ wide TMB (2110) Pg (17)					
225.33 m ³					
@ R8 671.24/m ³				R8	151251.00
25/30) Dismantling of existing Brick masonry structure --					
Comp as per T.S					
97.50 m ³ wide TMB Pg (8)					
2475 m ³ wide TMB (2110) Pg (17)					
122.25 m ³					
Limit 122.22 m ³					
@ R8 312.49/m ³				R8	38193.00
26/31) Const. of Embankment with material deposited from Road way cutting & excavated material.					
510.26 m ³ wide TMB (2110) Pg (17)					
@ R8 79.78/m ³				R8	40709.00
27/32) Const. of Embankment with material from borrow					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
as per T.S.					
1992.05 m ³ vide MB(2110) Pg (21)					
@ Rs 256.64/m ³					Rs 511240.00
28/33) Const. of grade & earth on shoulder as per T.S.					
211.95 m ³ vide MB(2110) Pg (18)					
81.11 m ³ vide MB(2110) Pg (20)					
293.06 m ³					
@ Rs 260.32/m ³					Rs 76289.00
29/34) Construction of granular sub base as per T.S.					
83.03 m ³ vide MB(2110) Pg (18)					
@ Rs 4155.18/m ³					Rs 345005.00
30/35) P.V. laying, spreading and compacting WBM (10mm) as per clause 2 T.S.					
28.83 m ³ vide TMB Pg (2110) Pg (16)					
@ Rs 4515.40/m ³					Rs 130179.00
31/36) P.V. 2 applying tack coat with BT emulsion (RS-1)					
384.38 m ² vide MB(2110) Pg (17)					
@ Rs 20.63/m ²					Rs 7930.00
32/36) P.V. 2 applying Primer coat with BT Emulsion (SS-1)					
384.38 m ² vide MB(2110) Pg (17)					
@ Rs 60.42/m ²					Rs 23224.00
33/38) P.V. laying and rolling of close graded premix surface					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
384.38 m ² vide MB (2110) Pg (17)					
@ R8 261.82/m ² —————					R8 100638.00
34/40) P/V 2 fixing of 900mm side or larger semi reflex fire Coupling					
2.0 NOS vide MB (2110) Pg (19)					
@ R8 2449.82/each —————					R8 4900.00
35/41) P/V 2 fixing of 'logo' of Pmbsy Project board					
1.0 NOS vide MB (2110) Pg (19)					
@ R8 7500/each —————					R8 7500.00
36/42) P/V 2 fixing of 'citizen' information board					

1.0 NOS vide MB Pg (11)					
@ R8 9500/each —————					R8 9500.00
					R8 13561763.00
Add 18% GST (1)					R8 2441117.00
Add 1% L.Cess (1)					R8 135618.00
Add S. fee 10% (1)					R8 86593.00
					R8 16225091.00
Less 6-11% Below (1)					R8 991953.00
					R8 15233738.00
Less Previous Payment (1)					R8 12700000.00
					R8 2533738.00

Continuation

Executive Engineer
Rural Works Department
Bansol