

NABARD (2015-16)

MB.NO. 151

15-16

Construction of HL Bridge across Bedouy
Pachout RD Road to Dighe via H. 1434.

Schedule XLV-Form No. 134

ABSTRACT

RWD

Georgi

DIVISION

SUB-DIVISION

Measurement Book

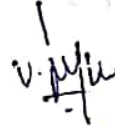
Amrit Raj Construction

उपरोक्त विवरणों में 15 फुटमार्च
मार्च में जो धारा शक्ति कुल 100 (एचपी)
पानी है जो लाहौर जलियां विभाग
मार्च में जो धारा शक्ति कुल 100 (एचपी)
मार्च में जो धारा शक्ति कुल 100 (एचपी)


23.06.17

Executive Engineer
R.W.D. Works division
Gogri
23.6.17

Revised to B. Mangar Hussain JE



Sch. XL /-Form No. 134

DIVISION

SUB-DIVISION

Measurement Book

No.

Name of officer _____

Date of first entry _____

Est of Bill.

1

Name of work -
Situation of work -
Agency by which work is executed -
Date of measurement -
No. and date of agreement.

(These four lines should be repeated at the commencement of the measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
M/W -	112	112	112	112	
Access					
R.O.C.					
Wa.					
Agency -					
Mo 2 Data -					
Di of Commence					
Di of Cont					
Agreement Amount -					
(1) Excavation					
Up to 3m Depth -					
23.10.14					
CB 215					
(2) Cons of Temporary Island					
24.10.14					
CB 215					
(3) Cons of Service Road					
54.10.14					
CB 215					
(4) Paving Culley edge					
do					
1.4.58					
1.5.40					
CB 7460					

Continuation

7th of Final Bill

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
POSTAGE & DP					257
① E/W excavation on ground					
do-do — E/W					
① Up to 3m depth					
358.50 m ² — TMBP — (57)					
② 215 = 87/m ² — to 77389m					
① Up to 3m to 6m depth					
22.53 m ² — TMBP — (59)					
③ 258 = 35/m ² — to 5776 =					
② Bridging temporary island do-do — 2					
Grds — TMBP — (60)					
④ 50414 = 79/m — to 302489					
③ Const of service road					
do-do — 2					
109.44 m — TMBP — (60)					
④ 3023 = 60/m — to 330903 =					
④ Bridging & laying cutting					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
edge - do - do - do				21	
5-83 m ² - T M3P -				(60)	
@ 7460 7 = 74/m ² -				2434	961 m ²
⑤ Bridging M-20 in Well					
Curb - do - do - do					
265-72 m ² - T M3P -				(60)	
@ 178.9 = 35/m ² -				28	65086 m ²
⑥ Bridging Rcc 7-25 in Well string					
3085-97 m ² - T M3P -				(60)	
				43	4313531
@ 1133 9 = 68/m ² -				692	13531
⑦ For PCC M-20 in Bottom					
⑧ Plug - do - do - do					
697.49 m ² - T M3P -				(61)	
@ 14334 = 33/m ² -				4	9998052
⑨-400 Bridging Pcc					
400 M-20 in top Plug					
do - do - do - do				25	
63.41 m ² - T M3P -				(61)	
@ 8890 = 26/m ² -				456	3731 m ²

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Rounding RCC-17-30 m					
well C.P. - 10 - 10 - 80					
477.45 m ² - TMAP - (61)					
@ 984 4 = 62/m ² - 4700018 =					
(1) Rounding well sinking					
10 - 10 - 80					
① Depth below bed level					
24.00 m - TMAP - (61)					
@ 9277 = 72/m ² - 222665 =					
(1) Beyond 5m up to 10m depth					
56.00 m - TMAP - (61)					
@ 128 20 = 28/m ² - 717935 =					
(1) Beyond 10m to 20m					
80 m - TMAP - (61)					
@ 169 31 = 30/m ² - 1354480					
(1) Some of filling in well					
Complete 10 - 10 - 80					
2180.85 m ² - TMAP - (62)					
@ 501 = 45/m ² - 1093432					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(12) Providing 10mm Hysa					
Steel in slab - 6 - 3					
29.940 MT - TMAP - (62)					
@ 689442 = 5/MT - 2069195					
(13) S/F/P Uncast Hysa					
bar reinforcement in					
found - 6 - 3					
213.3446 MT - TMAP - (62)					
@ 59481 = 21/MT - 1207583					
(14) Providing RCC-M-30					
in sub-grade - 3					
① Up to 5m height					
325.70 M ² - TMAP - (62)					
@ 8711 = 66/MT - 2837387					
(11) Up to 5m to 10m					
(15) 932.322 M ² - TMAP - (63)					
@ 8850 = 34/M ² - 2056129					
(15) S/F/P Hysa bar					
reinforcement in sub					

Continuation

Structure - 3

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
75.235 MT - TMAP - (63)					
@ 595 73 = 73/4 - 44,2353 1/2					
(16) For 0-35 in Sub-Station					
ds - ds - 2 1/2					
32.796 M ² - TMAP - (63)					
@ 895 6285/10 ² - 8293749.2					
(17) For elastomeric bearing					
ds - ds - 2 1/2					
32.796 M ² - TMAP - (63)					
65737.50 cc					
@ 1 = 50/cc - 98606 cc					
(18) S/P/P in Position true to line and level PIT					
PTFE Bearing - ds -					
ds - 2 1/2					
42 M ² - TMAP - (63)					
@ 125000 cc/m ² - 5250,000 =					
(19) Providing weep holes					
ds - ds - 2 1/2					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

178 M² — TMBP — (64)

@ 132 229/10 — 1.235 48 = 11

(20) Providing RCC M-U in

Super structure — do —

do — do — 25

546.2812 M³ — TMBP — (64)

@ 9206 = 04/15 — 1.502 7087 =

(21) S/P/P HYSO box semi-

forcement in Super

structure: do do 25

121.722 M³ — TMBP — (64)

@ 60476 = 75/15 — 73613512 =

(22) Providing drainage spout-

do — do — 25

56 Nos — TMBP — (64)

@ 571 = 54/15 — 1.92006 =

(23) Diversion -

Construction embankment

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
with material obtained					
from borrow pit —					
do — do —					
2700.00 m ² — TMAP —				(64)	
@ 161.55/m ² —					436185 =
(24) Clearing & grubbing					
of road lane —					
do —					
0.415 H ₂ — TMAP —				(65)	
@ 376.02 = 79/H ₂ —					15605 =

(25) Providing GSB with water					
graded material —					
do — do —					
84.325 m ³ — TMAP —				(65)	
270.890 m ³ — " —				(49)	
354.765 m ³ —					41002289 =
@ 282.5 = 22/m ³ —					458328 =

(26) Providing & laying					
RCC N P-3 Pipe —					
do —					
60.00 m — TMAP —				(65)	
@ 402.2 = 52/m —					41357 =

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(27) for clasp of laying canvas					
Guaranteed wearing canvas					
do do do				8/5	
56.31 m ²			TMSP		(65)
@ 152 00 = 53/m ² Rs 5942-					
(28) Cont of RCC railing					
of 17-15 gradeed in west					
in site do do				8/5	
289.40 m			TMSP		(66)
@ 355 9 = 31/m Rs 103 00642					
(29) for strip seal expansion					
joint do do				8/5	
57.20 m			TMSP		(66)
@ 117 87 = 52/m Rs 60 35242					
(30) Finishing of facing of					
20mm thick Compressible					
fibre board do do				8/5	
25-60 m			TMSP		(66)
@ 286 = 02/m Rs 7322					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(31) Providing and fixing in position 20mm thick Premix concrete joint filler					
ds — ds — 2 1/2					
25.60 M — T.M.P. — (66)					
@ 481 = 86/M ² — 10288 =					
(32) Providing & laying filter Media with granular overhead aggregates —					
ds — ds — 2					
114.95 M ³ — T.M.P. — (65)					
@ 3969 = 36/M ² — 456278 =					
(33) Back filling Behind abutment — ds — ds — 2					
178.189 M ³ — T.M.P. — (67)					
@ 791 = 24/M ² — 4184953 =					
(34) E/W filling in Embankment of approach —					
ds — ds — 2					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
9273.507 m ² - TMAP - (62)					
@ 1/4 = 55/100 - 14981340					
(34) Providing & laying filter material underneath pitching on slope -					
ds - ds - E/s					
174.916 m ³ - TMAP - (67)					
@ 1/4 = 84/100 - 7596320					
(35) Providing & laying Boulder pitching on slopes					
ds - ds - E/s					
524.758 m ³ - TMAP - (68)					
@ 1/4 = 16/100 - 23992772					
(36) Providing M-15 ordinary grade leveling course					
ds - ds - E/s					
6.72 m ³ - TMAP - $\frac{M2}{P.M.} \left(\frac{192}{48} \right)$					
@ 1/4 = 81/100 - 4626600					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(57) Reinforced concrete					
Concrete 1:3:6 grade					
approach of Path. - 1.5 - 1.5					
14.28 m ² - TMBP - (195/48)					
@ 12331024/m ² - 18					22562
(58) WBM-gr-2					
Providing, laying, spreading					
and Compacting stone					
aggregates of specific					
size - 1.5 - 1.5					
107.292 m ² - TMBP - (192/49)					
@ 579116/m ² - 5569962					
(59) WBM-gr-3					
Providing, laying, spreading					
and Compacting stone					
aggregates of specific					
size - 1.5 - 1.5					
107.292 m ² - TMBP - (192/49)					
@ 458015/m ² - 4914362					
(60) Cost of sub-grade & Earth					
Shoulder					
Continuation					
346.208 m ² - TMBP - (192/51)					
@ 162296/m ² - 564182					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10) Prime Coat					
Providing and applying					
Prime Coat with Bitumen					
emulsion 5% - 2 -					
do - 2 -					
1430.625 m ² - TMBP				(192/50)	
@ Rs 43280/m ² - Rs 623252					
(10) Tack Coat					
Providing and applying					
Tack Coat with Bitumen					
emulsion 5% - 2 -					
do - 2 -					
1430.625 m ² - TMBP				(192/50)	
@ Rs 15245/m ² - Rs 221032					
(12) Providing, laying and					
rolling of open graded					
Granular Carpet - 2 -					
do - 2 -					
1430.625 m ² - TMBP				(192/50)	
@ Rs 202270/m ² - Rs 2899882					

Continuation

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