

Schedule XLV-Form No. 134

LT. P. M. M. Path to Rohan Bigha

E. E. P. M. M. Path to Rohan Bigha

21/11/54 - (NDB)

DIVISION

A. E. P. M. M. Path to Rohan Bigha

SUB-DIVISION

No. (4501)

MEASUREMENT BOOK

Agency - Rajesh K. Singh

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)

Continuation

0.4914e4

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(1) Cutting of tree including cutting of trunk & removal of stump					8 r 10.
(5) Removal of pole phase of electric pole					5 r 10.
(1) Dismantling of existing concrete					
	1	3.38	3.38	0.15	$= 1.77 \text{ m}^3$
(2) Dismantling on C.M.					
	2	8.00	.825	3.00	$= 39.60 \text{ m}^3$
(3) Removing 1.1.8 above 60 to 90 mm dia					
	3	5.00			$= 15.00 \text{ RM}$
(4) Providing & fixing Logo of Project					2 No.
(5) Providing Rec pipe duct 300 mm dia					
		3 x 4 x 2.50			$= 30.00 \text{ RM}$
(1) Box cutting					
		2 x 15 x 30 x .125 x .10			$= 56.25 \text{ m}^3$

Continuation

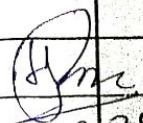
(2) Cost of embankment 60% qty
From excavated material

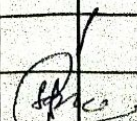
— do — Box cutting — 33.75 m³

2.3.24
J.E.

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Particulars	Details of actual measure				Contents of acon
	No.	L.	B.	D.	
(1) 811 m (approximation) for 811 m (approximation)					
	2	6.45	1.40	1.50	2.1090
	1	4.85	1.33	.365	2.1068
				(A)	29.80 m ³
(2) PCC m/s on Corral Corral foundation					
	2	6.45	1.40	.150	2.109
	1	4.931	1.53	.250	1.886
				(A)	4.60 m ³
(1) Provide PCC Pipe m/s for culvert 2x1000 mm					
	3	2.50			7.50 m
(2) PCC m/s on s/s					
	2	6.15	.825	2.58	26.181
	2	6.15	.40	.60	2.952
	2	.7857	1.230	.622	11.478
				(A)	27.65 m ³


10.3.24
A/B Continuation


10-3-24

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(1) C/P in excavation for foundation —					
	1	7.50	2.50	.70	13.13
	2	2.50	.30	1.80	2.70
	4	2.40	2.82	1.80	48.73
				(B)	64.56 m ³
				(A+B)	94.36 m ³
(2) P.C.M. in open foundation —					
	1	7.50	2.50	.150	2.81
	4	2.40	2.49	.200	4.65
				(B)	7.46 m ³
				(A+B)	12.06 m ³
(1) S/P/PP HYSD bar —					
cut off length —					
$2 \times 2 \times 17 \times 1.60 = 108.80 \text{ m}$					
@ 0.89 kg/m = 96.832					
$2 \times 4.00 \times 2.60 = 20.8 \text{ m}$					
@ 0.62 kg/m = 12.896					
					109.728 kg
				Limit	0.10 MT
				1	
				(Signature)	
				15.3.24	
Continuation				J.E	

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(1) Perimeter of open					
Foundation					
Return wall					
	4	2.00	2.02	.20	3.23
	4	2.00	1.92	.20	3.04
	4	2.00	1.82	.20	2.91
	4	2.00	1.72	.20	2.75
	4	2.00	1.62	.20	2.59
	4	2.00	1.52	.20	2.43
	4	2.00	1.42	.20	2.27
	4	2.00	1.27	.20	2.03
Cost of P.W.M.	2	2.50	.30	1.50	2.25
					23.53 m ²
(1) S.F.D & H.V.S.D bar reinforcement					
in sub structure					
					76.40 x 2.60 = 197.60 m
					21.10 x 7.60 = 159.60 m
Sidewall					
					2 x 76.40 x 2.10 = 319.20 m
					2 x 76.40 x 2.10 = 319.20 m
Longitudinal					
					2 x 21.10 x 7.60 = 319.20 m
					2 x 21.10 x 7.60 = 319.20 m
					1634.00 m
					0.89 kg/m = 1454.26
					1.454 m ²

Continuation 20.3.24

J.E.

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(1) Provide 1 Layer RCC m					
Super structure — do —					
	1	7.50	2.50	.25	4.69 m ³
(1) Plain RCC m S/S — do —					
Return Wall —					
	4	2.00	.785	1.95	31.25 m ³
					(P-3), (A+B) = 39.90 m ³

(2) Provide Weep Holes —					
aboutment Horizontal Direction —	4				
Vertical Direction —	2				
return wall Horizontal Direction —	2				
Vertical Direction —	2				
Weep Holes return wall —	6				
Weep Holes aboutment —	6				

(2) Provide Weep Holes — 36 No.

(3) Backfill behind

aboutment wing wall &

return wall —

2 2.00 6.70 1.94 = 49.18 m³

Continuation

20.4.24
A.E.

20.4.24
S.E.

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(1) Crumpled Sub base with					
Well Crumpled material					
Profile Correction					
	2	4.20	1.90	1.00	= 1.596
	3	4.70	2.10	1.00	= 2.961
	3	4.30	1.90	1.00	= 2.451
	4	6.15	0.90	1.00	= 2.214
	8	7.10	0.70	1.00	= 3.976
	2	1.50	1.40	1.00	= 0.420
Welding Position					
	2	5	30	1.25	1.00 = 18.75
	2	5	30	1.25	1.00 = 18.75
	2	5	30	1.25	1.00 = 18.75
					19.868 m

Continuation

1
c/a

P.T.O

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
Secondary Parting				0.16	67.868
	7	30	3.75	0.10	77.50
	2	30	3.75	0.10	33.75
	7	30	3.75	0.10	11.75
	1	20	3.75	0.10	7.50
					144.87 m ²
<u>30.4.24</u> D.G.					
				30.4.24	
				5.6	
V) Primary Laying spreading &					
Compacting 123m 124m —					
	5	30	3.75	0.75	42.1875
	5	30	3.75	0.75	42.1875
	5	30	3.75	0.75	42.1875
	6	30	3.75	0.75	50.625
	1	20	3.75	0.75	5.625
					182.813 m ³
<u>2.5.24</u> D.G.					
				2.5.24	
				5.6	

Continuation

This image shows a full page of blank graph paper. The grid consists of horizontal and vertical lines forming squares. There are approximately 20 columns and 25 rows visible. The paper has a slightly off-white or aged appearance.

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
ABSTRACT of work					
(1) Bench mark Pillars -					
1 No. vide TM P-1					
@ RA 4402.50/c - 01 RA					4402.50
(2) Reference Pillars -					
2 No. vide TM P-2					
@ RA 2045.12/c - 02 RA					4090.24
(3) clearing & grubbing road					
Land - do -					
0.49 Hect, vide TM P-1					
@ RA 75573.34/Ha - RA					37031.73
(4) cutting of trees including cutting					
trunks, Branches & Removal					
STOPS - do -					
8 No. vide TM P-2					
@ RA 357.26/c - 08 RA					2858.08
(5) Removal of telephone /					
electric pole & lines -					
5 No. vide TM P-2					
@ RA 252.07/c - 05 RA					1260.35
(6) Box cutting -					
56.25 m ² , vide TM P-2					
@ RA 103.96/m ² - RA					5848.50

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(7) Const. of embankment					
— do —					
33.75 m ³ , vide TMB P-2					
@ Rs 63.00/m ³ — Rs					2127.00
(8/10) Const. of C.S.R. — do —					
144.87 m ³ , vide TMB P-9					
@ Rs 2775.65/m ³ — Rs					402108.00
(9/11) Provisioning WBM Gr-II —					
182.813 m ³ , vide TMB P-9					
@ Rs 4215.06/m ³ — Rs					770568.00
(10/12) Const. of R.C.C. pavement m ³ —					
— do —					
300.00 m ³ , vide TMB P-10					
@ Rs 7186.98/m ³ — Rs					2156094.00
(11/16) Provisioning & fixing Loco of masonry Project —					
2 NO. vide TMB P-2					
@ Rs 11352.64/each — Rs					22705.28
(12/25) E.W. in excavation for foundation —					
94.36 m ³ , vide TMB P-4					
Continuation					
@ Rs 398.80/m ³ — Rs					37614.00

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(13) (26) PCC m/s in open foundation — 1.0 —					
12.06 m ³ , vide TMB P-4					
@ R ₁ 6217.56/m ³ — R ₁					74984.00
(14) (27) PCC m/s in open foundation 23.53 m ³ , vide TMB P-5					
@ R ₁ 6874.40/m ³ — R ₁					161755.00
(15) (28) S/F & Placing Hysd bars 0.10 MT, vide TMB P-4					
@ R ₁ 74862.40/MT — R ₁					7486.00
(16) (29) PCC m/s in S/S 39.90 m ³ , vide TMB P-7					
@ R ₁ 7171.91/m ³ — R ₁					286159.00
(17) (30) Providing work Holog — 36 No., vide TMB P-7					
@ R ₁ 144.12/each R ₁					5188.00
(18) (31) Plain RCC in S/S 12.96 m ³ , vide TMB P-6					
@ R ₁ 7818.30/m ³ — R ₁					100543.00
(19) (32) S/F & Placing Hysd bars 1.45 MT, vide TMB P-5					
@ R ₁ 75071.00/MT — R ₁					109153.00

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(20/33) Back filling behind about mnt.					
44.18 m ³ , vide TMB P-7					
@ R ₁ 944.16/m ³ — R ₁					46434.20
(21/34) Providing & laying R.C.C. in Super-structure					
4.69 m ³ , vide TMB P-7					
@ R ₁ 8575.08/m ³ — R ₁					40217.20
(22/35) S/A & Placing Hydr. cont.					
0.42 MT, vide TMB P-6					
@ R ₁ 76593.91/MT — R ₁					32169.20
(23/36) Parapet Const. Plain R.C.C. in S/S					
1.20 m ³ , vide TMB P-8					
@ R ₁ 7171.91/m ³ — R ₁					8606.20
(24/37) Painting on Parapet					
8.96 m ² , vide TMB P-8					
@ R ₁ 137.83/m ² — R ₁					1235.20
(25/38) Draining Spout					
4 No. vide TMB P-8					
@ R ₁ 277.08/each — R ₁					1108.20

Continuation

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Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(26) (39) R.C. MP3 pipe for culvert R —					
7.50 m, wide TMB P-3					
@ Rs 7561.01/m — Rs					56708.00
(27) (40) 300 mm irrigation pipe					
30.00 m, wide TMB P-2					
@ Rs 1008.52/m — Rs					30256.00
(28) (41) Dismantling of C.C. —					
1.77 m ³ , wide TMB P-2					
@ Rs 683.75/m ³ — Rs					1210.00
(29) (42) Dismantling of C.M. —					
39.60 m ³ , wide TMB P-2					
@ Rs 319.41/m ³ — Rs					12649.00
(30) (43) Removing above 60 mm to					
900 mm dia —					
15.00 m, wide TMB P-2					
@ Rs 349.80/m — Rs					5247.00
					448
					Rs. 4427834.00
					Add 187.00 S.T.
					797010.00
					1.7. L.C.
					44278.00
					S. Fee
					94608.00
					Rs. 5363730.00

Continuation

1
cc

R.T.O

Continuation