

1st on Alc Bill

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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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	M.L.	B.	D.	
① Name of work:-					
Construction					
of road from N.H. 31 to					
Mushari Ruzaspur.					
② Name of Agency- Pany					
Prasad Singh Harmanik Naland,					
③ Agreement No. 07/ S.D/23-24					
④ Date of start- 08/01/24					
⑤ Date of completion- 07/01/25					
⑥ Date of measurement-					
				18/03/24	

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① PIV and fixing of wooden benchmade pillars etc. all completely					
① Bench Made Pillars - 1 No					
① Rebar Pillars - 4 No					
② clearing and grubbing road etc. all completely					
2x 4x 25x 1.50 =					300m ²
2x 4x 25x 1.50 =					300m ²
2x 4x 25x 1.50 =					300m ²
2x 4x 25x 1.50 =					300m ²
2x 4x 25x 1.50 =					300m ²
2x 4x 25x 1.50 =					300m ²
2x 4x 25x 1.50 =					300m ²
2x 4x 25x 1.50 =					300m ²
2x 1x 15x 1.50 =					45m ²
					2745m ²
					0.0.27 Hae.
③ Dismantling of existing structures etc. all completely					
2x 4.20x 0.825x 2.50 =					17.33m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4) Removing all types of H.P and stalling with 1/2 etc. all completely					
2x2x2 2x2x2.50 = 10m					
(5) Excavation for road					
for					
(5) Construction of embankment with material obtained from borrow pits etc all completely					
Chaining C/A	Mean A	Sty.			
0	2.504	0	0		
50	3.012	2.758			137.90m ²
100	2.704	2.858			142.90m ²
150	2.754	2.729			136.45m ²
200	2.580	2.667			133.38m ²
250	2.255	2.418			120.90m ²
300	2.658	2.4457			122.85m ²
350	2.842	2.752			137.52m ²
400	2.708	2.805			140.25m ²
450	2.814	2.791			139.55m ²
500	2.923	2.869			148.45m ²
550	2.804	2.864			143.70m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
600	2.535	2.670			132.50m ²
650	3.040	2.788			139.40
700	2.562	2.801			140.03m
750	2.982	2.772			138.60m
800	3.042	3.012			150.60
850	3.081	3.062			153.10m
900	2.929	3.005			150.27m
915	2.534	2.732			40.90m
				Qty	2544.78
(i) for 1000m lead					342.41m
(ii) for 100m lead					2202.40m
(6) Construction of Subgrade and earthen shoulders with approved material etc. all completely					
(1) Const. of subgrade in flexible road					
1 X 4 X 25 X 5.50 X 0.30					165m ³
1 X 4 X 25 X 5.50 X 0.30					165m ³
1 X 4 X 25 X 5.50 X 0.30					165m ³
1 X 4 X 25 X 5.50 X 0.30					165m ³
1 X 4 X 25 X 5.50 X 0.30					165m ³
1 X 4 X 25 X 5.50 X 0.30					165m ³
1 X 1 X 25 X 5.50 X 0.30					41.25m

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 X 9.4 X 5		5.5	0.30		14.85ms
E/shoulder 2 X 6 X 25 X 1.00 X 0.20					6.0ms
2 X 6 X 25 X 1.4 X 0.20					6.0ms
2 X 6 X 25 X 1.4 X 0.20					6.0ms
2 X 6 X 25 X 1.4 X 0.20					6.0ms
2 X 1 X 25 X 1.4 X 0.20					1.0ms
2 X 1 X 9 X 1.4 X 0.20					3.6ms
E/shoulder 2 X 6 X 25 X 0.625 X 0.10					18.2ms
W/shoulder 2 X 4 X 25 X 0.625 X 0.10					18.2ms
2 X 1 X 25 X 0.625 X 0.10					3.12ms
2 X 1 X 6 X 0.625 X 0.10					0.75ms
W/shoulder 2 X 6 X 25 X 0.625 X 0.075					14.06ms
2 X 4 X 25 X 0.625 X 0.075					14.06ms
2 X 1 X 25 X 0.625 X 0.075					2.34ms
2 X 1 X 6 X 0.625 X 0.075					0.56ms
2 X 6 X 25 X 1.00 X 0.075					22.5ms
2 X 4 X 25 X 1.00 X 0.075					15.0ms
2 X 1 X 25 X 1.00 X 0.075					3.75ms
2 X 1 X 6 X 1.00 X 0.075					0.90ms
Earthen 2 X 4 X 25 X 0.625 X 0.10					12.5ms
2 X 4 X 25 X 0.625 X 0.10					12.5ms
2 X 3 X 25 X 0.625 X 0.10					9.37ms
2 X 1 X 6 X 0.625 X 0.10					0.75ms
Earthen 2 X 4 X 25 X 0.625 X 0.075					9.37ms
2 X 4 X 25 X 0.625 X 0.075					9.37ms

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2x3x25x0.625x0.075=					7.03m
2x1x6x0.625x0.075=					0.56m
Further on side 2x4x25x0.625x0.160=					20m
2x4x25x0.625x0.160=					20m
2x3x25x0.625x0.160=					15m
2x1x6x0.625x0.160=					12m
(7) Construction of granular sub-base by P.V. Coarse graded material etc. all completions					Qty 1528.63
4x25x4.05x0.20=					81m ³
4x25x4.05x0.20=					81m ³
4x25x4.05x0.20=					81m ³
4x25x4.05x0.20=					81m ³
4x25x4.05x0.20=					81m ³
1x25x4.05x0.20=					20.25m ³
1x25x4.05x0.20=					48.6m ³
1x15x4.05x0.20=					9.72m ³
					Qty - 495.72m ³
(8) Construction of granular sub-base by P.V. Coarse graded material etc. all completions					
2x4x25x0.375x0.10=					7.5m ³
2x4x25x0.375x0.10=					7.5m ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3 X 25 X 0.375 X 0.10 =					2.81ms
1 X 6 X 0.375 X 0.10 =					0.22ms
				Qty	18.03ms
(9) P/W and laying and complete work in m etc. all completely					
4 X 25m X 3.75 X 0.075 =					28.13ms
4 X 25m X 3.75 X 0.075 =					28.13ms
3 X 25m X 3.75 X 0.075 =					28.13ms
1 X 6m X 3.75 X 0.075 =					1.68ms
				Qty	79.03ms
(10) E/W work in execution for founding etc. all complete					
					Qty
H.W. - 2 X 3.90 X 1.15 X 1.50 =					13.46ms
Below - 1 X 5.35 X 1.13 X 0.365 =					2.21ms
				Qty	15.66ms
				for 2nd etc.	31.32ms
(11) P/W MIS (PCC 1:2.5:5) etc. all complete					
H.W. - 2 X 3.90 X 1.15 X 0.15 =					1.35
Below - 1 X 5.35 X 1.13 X 0.15 =					1.50
				Qty	2.85ms

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D.	
For 2nd Dth - 5.70m ³					
(12) Plaster / reinforced concrete etc. all complete etc.					
H.W. - 2x 3.60 x 0.70 x 3.18 = 16.03m ³					
Parat. - 2x 3.60 x 0.40 x 3.60 = 1.72m ³					
- 5.03m ³ 2x 0.75 x 1.03 x 0.35 = 0.57m ³					
					Dth - 17.13m ³
For 2nd Dth - 34.36m ³					
(13) Plaster and laying PCC for the N.B. etc. all complete etc.					
13x 2.50 = 7.50m ³					
For 2nd Dth - 15m ³					
(14) Plaster two coats etc. all complete etc.					
Top - 2x 3.60 x 0.40 = 2.88m ²					
Parat. 4x 0.40 x 0.60 = 0.96m ²					
For 2nd Dth - 2x 3.60 x 0.60 = 4.32m ²					
					Dth 8.16m ²
For 2nd Dth - 16.32m ²					
(15) E.W. in excavation for Ad. etc. all complete etc.					
H.W. - 2x 6.45 x .40 x 1.50 = 27.60					
Belat. - 1x 4.85 x 1.53 x 0.26 = 2.74m					
					Dth 29.80

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(16) P.V. m/s (p.c. 1:2.5:5) Concrete for other foundations etc. all complete etc.					
H.W. - 2x 6.15 x 0.85 x 3.58 = 36.32					
Port - 2x 6.15 x 0.40 x 0.60 = 2.95					
Gleson. 2x 0.7857 x (1.25) ² x 0.42 = 1.45					
				Qty -	37.80
(17) P.W. Rec. Concrete for plain concrete in other foundations etc. all complete etc.					
H.W. - 2x 6.45 x 1.40 x 0.15 = 2.71					
Deloitte 1x 4.931 x 1.55 x 0.45 = 1.89					
				Qty -	4.60 m ³
(18) P.V. and Laying R.C.C. to be NP ₃ (100 mm) etc. all complete etc.					
				3x 2.50 = 7.50 m.	
(19) Painting two coats include primer coat etc. all complete etc.					
Top - 2x 6.15 x 0.40 = 4.92 m ²					
Endo 4x 0.40 x 0.60 = 0.96 m ²					
Inner side 2x 6.15 x 0.60 = 7.38 m ²					
				Qty	13.26

Continuation

Scanned with CamScanner

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT OF COST.					
① PIV and fixing bench marks etc. all completely					
Qty. vol. Tins No 2					
① Bench marks Qty 1 No					
@ Rs. 4573.37/each					4573=
② Reference Pillar Qty 1 No					
@ Rs. 2113.48/each					8454=
② Cleaning and grubbing etc. all completely					
Qty. vol. Tins No 2					
Qty. 0.2784					
@ Rs. 75,573.34/ton					20,404=
③ Dismantling of existing structures etc. all completely					
Qty. vol. Tins No 2					
Qty. 17.33 ms					
@ Rs. 319.41/ms					5535=
④ Removing all types of H.P and stalling etc. all completely					

Continuation C.O.B. 38,966=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.P.R	38,9662
		Qty. 1000			
		@ B. 258.70/m ²			2587:
(5) Construction of embankment with material obtained from borrow pits etc. all complete					
(1) For 1 new dy. 342.41m ²					
		@ B. 261.09/m ²			89,8400
(4) For 1 new dy. 2202.40m ²					
		@ B. 2202.40m ²			
		@ B. 196.10/m ²			4,31,890:
(6) Construction of subgrade in flexible road etc. all complete					
		Qty. 1528.68m ²			
		@ B. 264.63/m ²			4,04,521:
(7) Construction of L.S.B by P.W. coarse graded etc. all complete					
		Qty. 1528.68m ²			
		Per sq. ft. 43572m ²			
		Per sq. ft. 18.03m ²			
		Continuation			513.75m ²

G.O.B. 9,167,364=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.	B.	9,67,34
(7) P.V. and Laying in P.V. for 11 at all completes etc.					
Its vol Two Ans 7					
Its 79.03 MS					
(8) ELW in excavation for foudy. etc. all completes etc.					
Its vol Two Ans 7					
Its 35.62 MS					
(9) P.W. MS (Pee) : 2.5 : 1					
etc. all completes					
Its vol Two Ans					
Its 5.70 MS					
(10) Plan / reinforced concrete etc. all completes etc.					
Its vol Two Ans 8					
Its 34.36 MS					

Continuation C- of 26,0003

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			Gr-B		26,00.031
		7404.19/m	B		254,407
(12) Piv and laying Rec					
brke NB etc all					
completer					
Qty note Tms pms 8.					
Qty. 15m					
(13) Piv 3198.33/m			B		47,9742
(13) Painting two coats					
including primer coat					
etc. all completers					
Qty note Tms pms					
Qty. 16.32 m ²					
(14) Piv 139.83/m ²			B		2249 =
(14) Blw. excavation					
for fndg etc all					
completers					
Qty note Tms pms 8					
Qty 29.80 m ²					
(15) Piv 398.62/m ²			B		11,878 =
(15) Piv m15 (Rec 1:25:5)					
etc. all completers					
Qty note Tms pms 9.					
Qty 37.80 m ²					
(16) Piv 7404.19/m ²			B		2,79,878 =
Continuation 6053196417					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			8.4	3	1,96,44
(16) PIV MIS PCC (1125'5)					
in funds. etc. etc.					
completeness					
its vol TMS PMS					
its 4.60M3					
(a) 18.6417.72/M3					29,522
(17) PN and Laying					
PCC Pipe NPS etc.					
all completeness					
its vol TMS PMS					
its 20m7.50m					
(a) 18.7548.05/M3					56,610
(18) Paving for cuts					
including Prime coat					
etc - all completeness					
its vol TMS PMS					
its 13.26M2					
(a) 16.137.83/M2					18282
(19) PIV and Laying of					
a reinforced cement					
concrete pipe 300 MM					
etc - all completeness					
its vol TMS PMS					
its 30m					
Continuation of 32,84,37					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			2.1	3	32,84,37
			2.1	3	27,84,90
(20) Construction of 400-					
resistor complete all					
complete free					
Its note this P.M.D					
Its 168.6 MB					
			2.1	3	12,56,53
Total 3,45,68,763					
Add 18% W.S.T — 8,22,377					
Add 1% Labour 45,687					
Add 8% more — 85,700					
Total 3,55,22,527					
(-) below 5.5% — 3,03,739					
Total 3,52,18,788					
 24/3/24 A.E. C.M.J.E					