

Name of Road - Nokha Bhaudrah
Schedule XLV-Form No. 134
Road Near Keshavnath Taji to Bhaudrah
Kali mandir Tak
Sasaram-2 DIVISION
Nokha (Nabard)
SUB-DIVISION
Contractor - Ajeet Kumar Singh

Measurement Book

WB No - 1282

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/w - Construction of road from Nohra Bhawan road near hosh nath to the house of Bhawanah Kali mandir tax.					
Agency :- Sri Ajit Kumar Singh Vill - Chauhari, P.O + P.S - Kochas Rohas (Bihar)					
Agg. N - 0.4585/2024 - 25 (NABARD)					
Date of Work start - 03/09/24					
stipulated date of Compn :-					

MEASUREMENT

1) Providing P.C.C thickness as per design (1:2:4) M30 with all Comp. job					
$2 \times 50 \times 3.75 \times 0.125 = 46.875 \text{ m}^3$					
$4 \times 50 \times 3.75 \times 0.160 = 120.00 \text{ m}^3$					
$45 \times 0.60 \times 0.45 \times 0.125 = 1.52 \text{ m}^3$					
$90 \times 0.30 \times 0.50 \times 0.125 = 1.69 \text{ m}^3$					
					170.09 m ³
2) Construction of embankment with approved material - do -					
- do -					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Chainage	Area m^2	Min Area m^2	Distance m		Volume m^3
0	5.441				
50	5.475	5.458	50.00		272.900
100	5.477	5.476	50.00		273.800
150	5.497	5.487	50.00		274.350
200	5.463	5.480	50.00		274.000
250	5.504	5.484	50.00		274.175
300	5.311	5.408	50.00		270.275
			Total Qty =		1639.60

Less for (Subgrade G.S. + G.S.B.				
+ W.B.M. Grade III				
+ P.C.C.)				
1639.60	-255.83	-73.60	-55.09	
-170.09	=	1084.99 m^3		
Less shoulder = $2 \times 2.00 \times$				
$2 \times 50 \times 4 \times 0.375 \times 0.075$				= 11.25
$2 \times 50 \times 4 \times 0.375 \times 0.100$				= 15.00
$2 \times 50 \times 4 \times 0.375 \times 0.160$				= 24.00
				50.25 m^3
Net Qty E/W Qty (Embankment)				
	=	1084.99	-50.25	
	=	1034.74 m^3		
Limited to 1007.42 m^3				
a) Constn of Earth shoulder				

Continuation

Qty same as

$$2 \times 50 \times 4 \times 0.375 \times 0.075 = 11.25$$

$$2 \times 50 \times 4 \times 0.375 \times 0.100 = 15.00$$

$$2 \times 50 \times 4 \times 0.375 \times 0.160 = 24.00$$

$$50.25 $m^3$$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2) kilometre stone R.C.C. M15 grade kilometre local stone of standard design as per IAC.8					
i) Ordinary kilometre stone					
Qty — 2 No					
ii) 200mm stone (Precast)					
Qty — 1 No					
3) Providing & fixing of typical M15 GSY informative sign board with logo as per MORD specification					
— Nil					
6) Providing R.C.C M15 grade boundary Pillars/Local stone					
Qty — 4 No					
7) Providing & fixing of retro reflectorised Cautionary, mandatory and informative signs as per IAC					
i) 600mm equilateral triangle					
Qty = 4 No					
ii) 600mm Circular					
Qty = 2 No					
iii) 800mm x 600mm rectangular					
Qty = 2 No					

Continuation

and On A/c bill

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/W :- Construction of road from Nekha Bhawrah road Near keshmalla Tati House To Bhawrah kati Nandis Tati					
Agency :- Ajeet Kumar Singh					
Kochu, Rahtas (Bihar)					
Agg. No - 04/380/2024-25 (NABARD)					
Date of Work start :- 02/09/2024					
Estimated ^{Actual} date of Completion - 28/12/25					

ABSTRACT OF COST

(1) Paving PCC (1:1:2) 120				
with all Comp. Job				
Qty = 120.09 M ³ (From TMBP. 12)				
@ Rs 6966.84/M ³ - Rs 1167981/-				
(2) Construction of embankment with approved material - do - do				
Qty = 1007.42 M ³ (From TMBP. 14)				
@ Rs 238.42/M ³ - Rs 240189/-				
(3) Construction of Earth shoulder as per all Comp. Job				
Qty - 255.33 M ³ 50000 TMBP - 7				
Qty 50.29 M ³ 60000 TMBP - 19				
306.08 M ³ (10) 241.64 - - Rs 75961/-				

Continuation Rs 1482121/-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B/F-B	1482181.~
④ Providing & fixing working bench/mark reference pillar - do - do -					
Benchmark - 01 No (T.M.B Page No. 6)					
@ Rs 4455.62/Each				B	4456.~
⑤ Reference pillar - 01 No (Page No. 6)					
@ Rs 2045.26/Each				B	2045.~
⑥ Clearing & grubbing soil land (by manual means) - do - do					
Qty = 0.225 Hect (Page - 06)					
@ Rs 65009.75/hec				B	15527.~
⑦ Construction of Embankment with approved material with all soil J.B -					
Qty = 75.240 M ³ (T.M.B Page No. 7)					
@ Rs 23042/11 ³				B	175287
⑧ Construction of subgrade from borrow pit - do - do					
Qty = 255.83 M ³ (T.M.B. Page No. 7)					
@ Rs 241.64/11 ³				B	61818.~
⑨ E/W in excavation for foundation of - do - do					
Qty = 21.195 M ³ T.M.B P.No. - 7					
@ Rs 564.~ /11 ³				B	11855.~

Continuation

Rs 17556719.~

1577822.~

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B/F - R 5594.22	
				22813.24	
(17) Providing Road Marking with					
Hot applied - do - do					
Qty = 60 M ² (T.M.T Pg-16)					
@ R 918.04/M ²				- R 55082.2	
(18) Painting on Pumpet Wall (Black					
& white stripes) Painting -					
Qty = 20.64 m ²					
@ R 125.86/M ²				- R 2598.2	
				R 2651322.2	
				2442614.2	
(19) Add 18% G.S.T				- R 438671.2	
(20) Add 1% L.C				R 24426.2	
(21) Add 8.1%					
i) Earth 1813.50 M ³					
@ R 25.25/M ³				- R 4620.2	
ii) G.S.B. 78.50 M ³					
@ R 757.56/M ³				- R 5576.2	
iii) W.B.M. 68.2 = 55.09 M ³					
@ R 1452.86/M ³				- R 7894.2	
iv) P.C.C. 170.09 M ³					
@ R 1027.57/M ³				- R 17648.2	
				R 35748.2	
Total = 2442614.2				+ 35748.2	
				= 2478362.2	

Continuation

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