

MOB No:- 4016

Schedule XLV-Form No. 134

UNMAYAYAY

RWD Works DIVISION

3A HADSA

RWD Work SUB-DIVISION

KAHARA

MEASUREMENT BOOK

MOB No:- 4016

OM SATELLITE

प्रमाणित किया जाता है कि इस मापी पुस्तिका
में मशीन द्वारा क्रमांक 01 से 100 तक अंकित
है। यह मापी पुस्तिका ग्रामसुख अभियंता ग्रामीण
कार्य विभागा कार्य अवर कमंडल कहरा
की निरीक्षण किया जाता है।


11/11/24

Executive Engineer
Rural Work Department
Water Division Saharsa

Sch. XLV - Form No. 134

Saharsa DIVISION
Kahra SUB-DIVISION

Measurement Book

No.

4016

Name of officer _____

Date of first entry _____

Date of last entry _____

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.	L.	B.	D.	
Name of work:-					
Agency:-					

Agreement No- 071 BD/17657-03/24-25

Date of start- 21.09.24

Date of completion- 20.08.25

Required entry

① Setting out pillar- P/V & fixing working bench mark — all side 1.50 km

② clearing & grubbing road land — all side

10 x 2 x 30.00 x 1.00 = 600.00 ✓
 10 x 2 x 30.00 x 1.00 = 600.00 ✓
 10 x 2 x 30.00 x 1.00 = 600.00 ✓
 10 x 2 x 30.00 x 1.00 = 600.00 ✓
 10 x 2 x 30.00 x 1.00 = 600.00 ✓

Continuation

5000.00

or, 0.300 Hec

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Recessed entry</u>					
① — E/m in excavation 1m foundation — all job.	31				
$2 \times 2 \times 7.450 \times 2.00 \times 1.50 =$					89.40 m ³
<u>Below pipe</u>					
$2 \times 1 \times 4.85 \times 1.53 \times 0.665 =$					9.87 m ³
					99.27 m ³
② — Providing PCC 19.15 — as leveling course — all job.	32				
H.K. — $2 \times 2 \times 6.45 \times 1.40 \times 0.150 =$					5.418 m ³
Below pipe — $1 \times 6.45 \times 1.53 \times 0.55 =$					10.40 m ³
len for pipe — $2 \times 1.00 \times 0.223 \times 6.18 =$					1.58 m ³
					13.058 m ³
③ — Providing PCC 19.20 in substructure — all job.	33				
H.K. — $2 \times 2 \times 6.15 \times 0.825 \times 0.258 =$					52.362 m ³
$2 \times 2 \times 6.15 \times 0.400 \times 0.600 =$					5.904 m ³
len for pipe					
$2 \times 0.7855 \times 1.23^2 \times 0.612 =$					1.455 m ³
					55.556 m ³
④ — Providing & laying RCC pipe N.P.S. for culvert — all job.	34				
$2 \times 3 \times 2.50 =$					15.00 m

Continuation

12
Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5 58 Painting on parapet wall - call 7'6"					
Top - $2 \times 2 \times 6.150 \times 0.400 =$					9.84 m ²
Side - $2 \times 4 \times 6.15 \times 0.60 =$					29.52 v
Front - $2 \times 4 \times 0.400 \times 0.60 =$					1.92 v
					41.28 m ²
6 10 Providing & laying of concrete floor in sub-basement in Port Retain					
$2 \times 3.10 \times 1.60 \times 0.075 =$					0.744 m ²
$1 \times 4.25 \times 1.25 \times 0.075 =$					0.398 v
$4 \times 2.65 \times 1.70 \times 0.075 =$					1.351
$3 \times 2.80 \times 1.50 \times 0.075 =$					0.945
$3 \times 6.40 \times 1.25 \times 0.075 =$					1.80
$4 \times 4.65 \times 1.80 \times 0.075 =$					2.511
$3 \times 5.15 \times 1.60 \times 0.075 =$					1.622
$1 \times 8.60 \times 1.25 \times 0.075 =$					0.806
$1 \times 11.35 \times 2.10 \times 0.075 =$					1.787
$1 \times 15.75 \times 2.25 \times 0.075 =$					2.657
$5 \times 3.95 \times 1.60 \times 0.075 =$					2.37
$6 \times 3.75 \times 1.90 \times 0.075 =$					3.206
$5 \times 2.60 \times 1.20 \times 0.075 =$					1.17 v
					21.367 m ²

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			18 ft	21	367 m ³
4x 6.15 x 2.10 x 0.075 =					3.874 m
5x 2.90 x 1.80 x 0.075 =					1.957
7x 4.20 x 1.55 x 0.075 =					3.417
1x 16.90 x 2.60 x 0.075 =					3.295
					33.91 m ³
overly for strength					
1x 9x 30.00 x 3.75 x 0.075 =					75.937
1x 10.00 x 3.75 x 0.075 =					2.812
					112.659 m ³
			20 ft	111	24 m ³
(7/11) confining D.L.C. sub base					
over a prepared subgrade					
all job.					
3x 4.25 x 1.15 x 0.110 =					1.613 m ³
4x 3.60 x 1.00 x 0.100 =					2.016 m
3x 5.10 x 1.35 x 0.075 =					1.549
1x 10.25 x 1.00 x 0.100 =					1.435
3x 6.25 x 2.15 x 0.115 =					4.635
4x 5.70 x 1.95 x 0.125 =					5.557 m
6x 2.85 x 1.70 x 0.125 =					3.633
10x 4.25 x 1.10 x 0.100 =					4.675
5x 2.60 x 1.40 x 0.100 =					1.82
					26.933

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				13/4	26.933 m ³
1 x 11.20 x		1.85	0.075		1.556
5 x 4.90 x		2.25	0.100		3.307
				3	1.796 m ³
(8) Dismantling of existing structure — all in.					
(i) Cement concrete					
2 x 6 x 2.00 x		1.35		2	10.80 m ³
(ii) Reinforced cement concrete					
2 x 6.00 x 3.50 x		0.45			16.80
4 x 3.50 x 0.40 x		1.00			9.60
					0.56
					17.36 m ³
(9) Dismantling of existing structure in cement mortar — all in.					
2 x 2 x 6.00 x		0.45 + 1.50		2.00	46.80 m ³
2 x 2 x 3.50 x		0.40		0.60	3.36
2 x 2 x 6.00 x		1.60		2.60	75.60
2 x 4 x 3.50 x		0.40 + 1.30		2.25	53.55
				2	26.775
					179.31 m ³
1/2 02/03/15					
36					

Continuation

15
Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Date of measurement					
(1/12) Contingency Panel concrete					
of 150 yards in					
road Pavement					
up to date measurement					
1 x 20.00 x 9.50 + 7.50 + 6.00 + 4.50					
			4		
				$0.125 =$	17.1875
1 x 28.00 x 3.75 x 0.125 =					13.125
8.00 x 4.90 x 0.125 =					4.90
2 x 30.00 x 3.75 x 0.125 =					28.125
1 x 23.00 x 3.75 + 4.00 x 0.125 =					11.2875

19.00 x 3.75 x 0.125 =	8.906
10.00 x 4.30 x 0.125 =	5.375
2 x 60.00 x 3.75 x 0.125 =	28.125
2 x 4.00 x 3.75 x 0.125 =	11.25
2 x 30.00 x 3.75 x 0.125 =	28.125
1 x 14.00 x 3.75 x 0.125 =	6.562
6.00 x 5.00 x 0.125 =	3.75
22 x 3.75 x 0.125 =	10.512
10 x 30.00 x 3.75 x 0.125 =	140.625
2 x 25.00 x 3.75 x 0.125 =	23.438
10.00 x 4.70 + 3.75 x 0.125 =	5.281
6 x 30.00 x 3.75 x 0.125 =	84.375
1 x 15.00 x 3.75 x 0.125 =	7.031
16.00 x 4.80 + 4.00 + 3.00 x 0.125 =	8.40

3 Continuation

446.176 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					13/1 446.176 m ³
5 x 30.00 x 3.75 x 0.125 =					70.312
7.00 x 3.75 x 0.125 =					3.281
10.00 x 4.50 x 0.125 =					5.625
10 x 30.00 x 3.75 x 0.125 =					140.625
1 x 28.00 x 3.75 x 0.125 =					13.125
1 x 30.00 x 3.75 x 0.125 =					14.0625
1 x 29.00 x 3.75 x 0.125 =					8.906
					13.593
10.00 x 4.10 + 6.00 x 0.125 =					6.312
					708.4245 m ³

2/13	P/V RCC MIS ordinary			
	15 m stone			2 No
3/14	200 m stone all 7b.			7 No
4/15	P/V of fixing 1 ego, Citizen			
	4 m round board - all 7b			2 No
5/16	pointing new letter & figure			88.00
6/17	P/V RCC MIS grade			
	boundary pillar - all 7b			32 No
7/18	provision of 15 No 80 mm			
	5 to 100 - all 7b			20.25 m ²

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(8) 19	Providing of semi reflective cautionary mandatory sign board — all 76				
	600 mm circular to sign — 20 Nos				
(9) 20	600 mm circular sign — all 76				12 Nos
(10) 21	600 x 450 mm rectangular — all 76				18 Nos
(11) 22	900 mm size octagon — all 76				2 Nos
(12) 23	Hazard board (900 x 500 mm) — all 76				8 Nos
(13) 24	Fire firing character sign board — all 76				24 Nos
(14) 25	Pls. having 1st applied thermoplastic painting in road marking				
	$2 \times 20 \times 30.00 \times 0.100 = 120.00 \text{ m}^2$				
	$2 \times 20 \times 30.00 \times 0.100 = 120.00 \text{ m}^2$				
	$2 \times 9 \times 30.00 \times 0.100 = 54.00$				
	$2 \times 7.00 \times 0.100 = 1.40 \text{ m}^2$				
					295.40 m ²
1 267103/25 76					

Continuation

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① providing & fixing of working bench mark filled					
all tol.					
TMB PN - 7					
1.50 km @ Rs 13969.41/km Rs					209542
② clearing & grubbing road					
2nd - all tol.					
TMB PN - 7					
0.300 Hec @ Rs 76928.41/H Rs					230785
③ excavation for road					
way in box cutting					
TMB PN - 7					
102.15 m @ Rs 104.01/m Rs					106092
④ constn of em bankment					
with approved material					
all tol.					
TMB PN - 7					
61.20 m @ Rs 81.51/m Rs					49882
⑤ constn of subgrade & earthen					
shoulder - all tol.					
TMB PN - 18					
256.50 m ³ @ Rs 264.72/m ³ Rs					6790120
⑥ constn of G.S.B. G.R.					
all tol.					
TMB P.N - 8					
88.92 m ³ @ Rs 2299.59/m ³ Rs					2044795

Continuation

Rs 3320009.20

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				18/11/73	2009.00
(7/10) Provisional laying rolling & compacting stone 1/2 B.M. 653 all 7/10					
TM B PM-8 =		8 =	19.67 m ²		
TM B PM-13 =		111.024 m ²			
		130.91 m ²			
		217.111.024 m ²			
		@ 47.14 = 70.1 m ²			5244.63 m ²
(8/11) constn of DLC subbase all 7/10					
TM B PM-8 =		61.0	422 m ²		
TM B PM-14 =		31.0	794 m ²		
		93.0	216 m ²		
		@ 21.55 m ²			4960.54 m ²
(9/12) constn of panel concrete pavement of M 15 grade of concrete all 7/10					
TM B PM-16					
708.424 m ² @ 322.7 = 52.1 m ²					6537002.00
(10/13) P.V. R.C.C. M 15 grade km stone all 7/10					
TM B PM-16					
2 No @ 2985 = 98.1 m ²					5972.00
					7895500.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B/H R. 8005322=00
(16) 19 P/V & fixing of semi reflective Signage all 700.					
					TMB PM-17
					20 N. @ K 4173 = 48/N. K 83470=00
(17) 20 600mm circular all 700.					
					TMB PM-17
					12 N. @ K 5623 = 10/N. K 67477=00
(18) 21 600 x 450mm rectangular all 700					
					TMB PM-17
					18 N. @ K 5474 = 71/N. K 98545=00
(19) 22 900mm side octagon all 700					
					TMB PM-17
					2 N. @ K 10063 = 26/N. K 20127=00
(20) 23 Hazard Board (900 x 300)					
					TMB PM-17
					8 N. @ K 5474 = 71/N. K 43798=00
(21) 24 Chevron sign Board					
					TMB PM-17
					24 N. @ K 5817 = 14/N. K 139611=00
					K 8458350=00

Continuation

23
Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			Bft K	84.58	350.00
(22/25) Paving road					
Spade 105x105m - only					
TAB PM-18					
432 No. @ F		291.26	7/11		127.297.00
(23/26) Paving road					
Applied part					
TAB PM-17					
295.40 m ² @ F		10.05	95	m ² F	297.58.00
(24/27) Paving road irrigation					
Spade 105x105m - only					
(25/28) Dismantling of existing structure					
all 750.					
TAB PM-14					
10.50 m ² @ F		692.72	7/11		7.276.00
(26/29) Reinforced cement concrete					
all 750					
TAB PM-14					
17.36 m ² @ F		1610.02	02	m ² F	2.7950.00
(27/30) Dismantling of existing structure in cement					
Mortar - all 750					
TAB PM-14					
17.9.31 m ³ @ F		321.93	1/m ³		5.7725.00
Continuation					
					8975754.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				Bt 8.757545m	
(28/31) Plain excavation of foundation — all to					
TM B PM — 11					
99.27 m ³ @ F 886289/m ³				F 88625200	
(29/32) P/V plain cement concrete as leveling					
Course 175 grad of					
TM B PM — 71					
13.06 m ³ @ F 724925/m ³				F 94679200	
(30/33) P/V plain reinforced cement concrete					
in substructure — all to					
TM B PM — 11					
55.36 m ³ @ F 7785205/m ³				F 430980200	
(31/34) P/V laying 100 mm dia NPS H.P. — all to					
TM B PM — 11					
15.00 m @ F 8098236/m				F 121475200	
(32/35) painting on parapet — all to					
TM B PM — 11					
41.28 m ² @ F 139216/m ²				F 5745200	
				F 9637258200	
Add 18 v. GST + 1 v. 45%				1831079200	
self storage					
Continuation				F 119442200	
				F 11587779200	

