

MIMLU:- Const of Road From - LO SI Singhol
Se Soikandha to Maranga to 19

Schedule XLV-Form No. 134
(Road) S.C

Agreement No- 07/SPD/2022-23 **DIVISION**

Agreement Value - 6,89,73,390 = **SUB-DIVISION**

MEASUREMENT BOOK

Arun Kumar Singh

762
28/8/22

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work:- Construction of Road from Lohi Singh to Sol/Kandha to Maranga Tola under MMLSY					
Agency:- Arun Kumar Singh					
Agreement No:- 07 SBD/2022-23					
Date of commencement:- 28/02/2022					
Date of completion:- 27/08/2023					
<u>M. P. Singh</u> 21/6/24					
Abstract of cost					
① setting out pillars					
4.00 Nos. O.U.T. MBP-70					
<u>AB</u> 21/6/24 <u>AM</u>					
@ 4369.88/each - Rs. 17480.00					

② setting out pillars					
13.00 Nos. O.U.T. MBP-70					
@ 2003.38/each - Rs. 26044.00					
③ clearing and grubbing road land - E.I.					
2.33 Hect. O.U.T. MBP-70					
@ 52879.81/Hect - Rs. 125540.00					
④ Const. of embankment					
3266.32 m ² O.W. MBNO-796, P-13					
@ 143.16/m ² - Rs. 467606.00					
⑤ Const. of embankment					
1175.71 m ² O.W. MBNO-796, P-13					
@ 190.14/m ² - Rs. 223550.00					
⑥ S/F/F project board					
- E.I.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3.00 No. D.V.T. MBP- (70)					
2.00 No. D.V. MBP- 796, P- (6)					
5.00 No.					
@ 9823.84/cath-M					49119.00
(7) S/F in excavation for found ⁿ - E.I.					
625.52 m ² D.V.T. MBP- (70)					
@ 283.94/m ² - Rs.					177610.00
(8) Plr RCC 15 in found ⁿ - E.I.					
66.41 m ³ D.V.T. MBP- (70)					
@ 5780.80/m ³ - Rs.					383903.00
(9) Plr RCC 120 in S/L - E.I.					
321.98 m ² D.V.T. MBP- (71)					
@ 6570.12/m ² - Rs.					2115447.00
(10) S/F/F NP3 H.P. single vent - E.I.					
45.00 m D.V.T. MBP- (71)					
@ 4085.62/m - Rs.					183856.00
(11) Plr RCC 120 in found ⁿ - E.I.					
143.72 m ² D.V.T. MBP- (71)					
@ 6373.64/m ² - Rs.					916020.00
(12) S/F/F HYSD rod in RCC work - E.I.					
3.66 m ² D.V.T. MBP- (71)					
@ 4925.54/m ² - Rs.					180261.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) p/v RCC M25 i/c					
s/s—E.I.					
115.73 m ² O.V.T.MBP—(71)					
@ 7200.00/m ² —MS.					833256.00
(14) s/f/f Hysd bar reinforcement—E.I.					
10.39 m ² O.V.T.MBP—(71)					
@ 49400.03/m ² —MS.					513267.00
(15) p/v RCC M30 i/c					
s/s—E.I.					
61.12 m ² O.V.T.MBP—(71)					
@ 7766.28/m ² —MS.					474675.00
(16) s/f/f Hysd reinf. i/c					
s/s—E.I.					

6.03 m ² O.V.T.MBP—(71)					
@ 50496.20/m ² —MS.					304492.00
(17) p/v Drainage spouts complete.					
10.00 m ² O.V.T.MBP—(72)					
@ 424.06/each—MS.					4241.00
(18) Dismantling of old RCC					
4.50 m ² O.V.T.MBP—(72)					
@ 503.88/m ² —MS.					2267.00
(19) Dismantling of old RCC—E.I.					
40.80 m ² O.V.T.MBP—(72)					
@ 1145.64/m ² —MS.					46742.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(20) Removing of H.P. - E.I.T.					
5.00m ² O.V.T. M.B.P. - (72)					
@ 184.27/m ² - Rs.					921.00
(21) Removing of H.P.					
5.00m ² O.V.T. M.B.P. - (72)					
@ 426.64/m ² - Rs.					2133.00
(22) P/L back filling - E.I.T.					
242.64m ² O.V.T. M.B.P. - (72)					
@ 886.73/m ² - Rs.					215171.00
(23) P/L filter media - E.I.T.					
97.53m ² O.V.T. M.B.P. - (72)					
@ 3453.14/m ² - Rs.					336785.00
(24) P/L wash holes - E.I.T.					
134.00m ² O.V.T. M.B.P. - (72)					
@ 111.64/m ² - Rs.					14960.00
(25) P/L RCC M30 for app. slab - E.I.T.					
30.34m ² O.V.T. M.B.P. - (73)					
@ 10291.03/m ² - Rs.					312232.00
(26) P/L RCC M15 as scaffolding course - E.I.T.					
14.08m ² O.V.T. M.B.P. - (73)					
@ 6235.93/m ² - Rs.					87801.00
(27) Excavation for sand way in soil -					
80.00m ² O.V.T. M.B.P. - (73)					
5.00m ² O.V.T. M.B.P. - (73)					
Continuation 85.00m ² @ 75.61/m ² - Rs.					6389.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(22) Const. of embankment from road way cutting — E.I.T.					
48.00 m ² O.U.T. MBP- (71)					
3.00 m ² O.U. MBN/O-736, P- (2)					
51.00 m ²					
@ 26.57/m ² — Rs. 1355.00					
(23) Const. of subgrade & shoulder					
5351.03 m ² O.U.T. MBP- (72)					
157.35 m ² MBN/O-736, P- (4)					
6109.02 m ²					
@ 191.82/m ² — Rs. 1171832.00					

(30) Const. of GSR with metal — E.I.T.					
1921.23 m ³ O.U.T. MBP- (73)					
163.75 m ³ " NO-736, P- (2)					
9.14 m ³ " NO-736, P- (3)					
2094.12 m ³ @ 3174.35/m ³ — Rs. 6647470.00					
(31) Div. layer, spreading & compacting WBM — E.I.T.					
846.64 m ² O.U.T. MBP- (74)					
75.22 m ² O.U. MBN/O-736, P- (4)					
921.86 m ²					
@ 3872.10/m ² — Rs. 3563534.00					
(32) p/s & applying primer coat with emul/slow (SS-1) — E.I.T.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
8137.50 m ² O.V.T. MBP-(74)					
780.98 m ² " " MBNo-736, P-(5)					
8918.48 m ²					
@ 43.17/m ² — Rs. 385011.00					
(33) P.V. & applying tack coat with bitumen					
Quant/sig 4 (Rs-1) — 217.					
8137.50 m ² O.V.T. MBP-(74)					
780.98 m ² " " No-735, P-(5)					
8918.48 m ²					
@ 14.87/m ² — Rs. 132618.00					
(34) P.V. laying and rolling of close graded premix surface material					
8137.50 O.V.T. MBP-(75)					
780.98 m ² " " No-736, P-(6)					
8918.48 m ²					
@ 210.45/m ² — Rs. 1876894.00					
(35) const. of permeable pavement — E15.					
503.75 m ³ O.V.T. MBP-(74)					
36.75 m ³ " " No-736, P-(4)					
540.50 m ³					
@ 7174.44/m ³ — Rs. 3877785.00					
(36) laying brick setting					
250.00 m ² O.V.T. MBP-(74)					
171.50 m ² " " MBNo-736, P-(6)					
421.50 m ²					
@ 533.94/m ² — Rs. 227585.00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(37) ordinary 12/10 m/c stone (precast)					
5.2 No. Q.V. 7.413 P-⑥, No-796					
@ 2311.63/each - Rs.					11558.00
(38) 20 m stone (precast)					
13.0 No. Q.V. 7.413 P-⑥, No-796					
@ 619.03/each - Rs.					8047.00
(39) p/c & fixing '1690' of masonry project board.					
(39) p/c RCC M10 grade boundary pillar etc					
8.0 No. Q.V. 7.413 P-⑦, No-796					
@ 514.28/each - Rs.					41142.00

(40) (i) 600 mm equilateral triangle board.					
8.0 No. Q.V. 7.413 P-⑦, No-796					
@ 3759.65/each - Rs.					30077.00
(ii) 600 mm x 450 mm rectangular board.					
6.0 No. Q.V. 7.413 P-⑦, No-796					
@ 4859.13/each - Rs.					29155.00
(iii) 900 mm side octagon board.					
4.0 No. Q.V. 7.413 P-⑦, No-796					
@ 8736.23/each - Rs.					34944.00
(41) p/c Road marking with hot applied oil B.T. — 81.5					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
465.0 m ² O.V. MB No-736, P-7					
@ 721.98/m ² — Rs.					335721.00
(42) p/v Road marking					
with lot applied					
on c/c — E.I.T.					
176.00 m ² O.V. MB No-736, P-8					
@ 811.13/m ² — Rs.					142759.00
(43) plantery of tree					
p/v Road side					
232.00 m ² O.V. MB No-736, P-8					
@ 855.56/each — Rs.					198489.00
(44) Painting on parapet					
wall — E.I.T.					
181.76 m ² O.V. MB No-736, P-8					
@ 101.6/m ² — Rs.					18468.00
(45) p/v Cement concrete					
wearing course M30					
— E.I.T.					
8.80 m ³ O.V. MB No-736, P-9					
@ 122.62-49/m ³ — Rs.					107910.00
Add					Rs. 26870122.00
Add 18% GST (4)					Rs. 4836622.00
Add 1% L.C.S.S (4)					Rs. 268701.00
Add 10% S.F. (4)					Rs. 332605.00
					Rs. 32308050.00
loss 0.75% below					Rs. 242318.00
				C-0	Rs. 32066732.00

Continuation

	SP. to Date	Material Statement
① Earth	$= 10551.052$	@ $34.81/w^2$ - 367282.00
② 53mm-3.5mm	$= 1256.47m^3$	@ $620.62/w^2$ - 779790.00
③ 9.5mm-2.36mm	$= 502.55m^3$	@ $574.58/w^2$ - 258622.00
④ 2.36mm	$= 753.88m^3$	@ $175.84/w^2$ - 132532.00
⑤ 53mm-2.4mm	$= 1115.15m^3$	@ $11.44/w^2$ - 570485.00
⑥ 11.2mm	$= 221.25m^3$	@ $397.73/w^2$ - 87998.00
⑦ 13.2mm	$= 0.09m^3$	@ $240.80/w^2$ - 52337.00
⑧ Crushed Agg	$= 486.45m^3$	@ $587.99/w^2$ - 283109.00
⑨ C. Sand	$= 2413.23m^3$	@ $175.80/w^2$ - 42759.00
⑩ Brick	$= 26019M^3$	@ $5.67/m^3$ - 147527.00
⑪ 40mm	$= 20629m^3$	@ $494.15/w^2$ - 101938.00
⑫ 20mm	$= 303.60m^3$	@ $604.91/w^2$ - 183651.00
⑬ 10mm	$= 168.03m^3$	@ $668.86/w^2$ - 112378.00
⑭ C. Sand	$= 345.47m^3$	@ $175.80/w^2$ - 60723.00
⑮ C. Sand	$= 291.17m^3$	@ $141.85/w^2$ - 41302.00
⑯ filter media	$= 117.04m^3$	@ $512.06/m^3$ - 59931.00
Continuation 15:3336054.00 2116/24 10% S. Fee - 333605.00 26		