

28SBD/2020-21/INTNUST/CC

TO1 Baisa to Pokhariya Paschim

Schedule XLV-Form No. 134

Date of Agreement - 15.06.2020

Date of completion - 14.06-2021.

Baisa

DIVISION

Baisa

SUB-DIVISION

0.07% Below

Measurement Book

1105

RAINS Infra Structure

Particulars	Details of actual measurement			Contents of area
	No.	L	B.	

5th and Final Bill

Name of Work:- Tol to Balga to pokharia Pakehm Tola.

Name of Agency:- Rams Infra structure, At - MAYZA Mac. hatta, P.O. - Machhatta.

P.S. - Amohr, Distt:- Purnea.

Agreement No:- 28(S.O.D) 2020-21

Agreement Value:- 201509020.00

Const. Cost Rs. 2453312.00

Total Cost Rs. 22604214.00

Date of Agreement:- 15.06.2020

Date of Completion:- 14.06.2021

Record entry

① Clearing and Grubbing of Road land.

2 x 18 x 30.0 x 3.50 = 3780.00m²

2 x 1 x 6.0 x 3.50 = 42.00m²

2 x 25 x 30.0 x 3.50 = 5250.00m²

2 x 1 x 22.0 x 3.50 = 154.00m²

2 x 1 x 11.0 x 3.50 = 77.00m²

2 x 32 x 30.0 x 3.50 = 6720.00m²

2 x 1 x 15.20 x 3.50 = 106.40m²

16164.40m²

0.216 HA

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Earth Work Calculation Chart</u>					
N. Change Distance		Full Area	Full Area		Full B
			Area		
1 0.0	0.0	3.864	0.00		0.00
2 50.0	50.0	5.741	4.813		240.615
3 100.0	50.0	4.746	5.254		261.675
4 150.0	50.0	4.997	4.872		273.575
5 200.0	50.0	5.268	5.133		256.61
6 250.0	50.0	4.488	4.878		243.90
7 300.0	50.0	6.441	5.475		273.745
8 350.0	50.0	5.315	5.888		294.40
9 400.0	50.0	4.605	4.960		248.00
10 450.0	50.0	6.436	5.521		276.025
11 500.0	50.0	6.156	6.496		314.80
12 546.0	46.0	4.711	5.434		249.94
Gap for old culvert.					
13 551.30	0.0	4.456	4.584		0.00
14 600.00	48.70	4.451	4.454		216.885
15 650.0	50.0	5.353	4.902		245.100
16 700.0	50.0	4.722	5.037		251.815
17 750.0	50.0	4.601	4.661		233.025
18 800.0	50.0	5.676	5.139		256.915
19 850.0	50.0	5.567	5.622		281.025
20 900.0	50.0	4.506	5.037		251.815
21 950.0	50.0	5.506	5.006		250.300
Continuation					
4891.459m ²					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) Planting of trees by the road side.					431.0 No.
(12) P.V and fixing of maintenance board.					1.0 No.
(13) painting on parapet wall (Black & white strips.)					
Top - $4 \times 6.150 \times 0.400 = 9.714$					
Side - $4 \times 6.150 \times 0.600 = 14.764$					
Front - $4 \times 0.400 \times 0.600 = 0.964$					
Sum					20.64 m^2
For 6 Nos = $6 \times 20.64 \text{ m}^2$					
					$= 123.84 \text{ m}^2$
(14) R.C.C.MIS grade					
(i) Kilometer stone - 3.0 No.					
(ii) 200m stone - 9.0 No.					
Checked					
Initials					
Sum					$25/11/24$
					A.E

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Abstract of Cost Est. & Final Bill.</u>					
① clearing and grubbing of Road land.					
1.62 Hq vide TMBP - 40/1					
CRs. 51133=76/2 per Hq.					
Rs. 82837=00					
② Const. of Reference & Working benchmarks.					
3.0 H. vide TMBP - 40/2					
CRs. 4510=55/2 per Nos.					
Rs. 13532=00					
③ Const. of Reference pillars.					
2.0 H. vide TMBP - 40/3					
CRs. 2066245/2 per Nos.					
Rs. 24797200					
④ PLV and Fixing 'Logo' of project.					
3.0 H. vide TMBP - 40/4					
CRs. 9673=77/2 per Nos.					
Rs. 29021200					
⑤ PLV and Fixing of citizen Information board.					
1.0 H. vide TMBP - 41/5					
CRs. 96730=77/2 per Nos.					
9674200					
Continuation					
Rs. 159861200					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				8.8. Rs. 1885	180200
⑩ Const. of embankment with material lead up to 100m.					
825.44m ³ vide TMBP - 51/3					
CR 188 = 0.50 per m ³					
				Rs. 157	104200
⑪ Const. of embankment with material lead up to 1000m.					
1717.97m ³ vide TMBP - 51/4					
				Rs. 152 = 2 1/2 per m ³	
				Rs. 270	134200
⑫ Box cutting excavation for roadway in soil using manual means.					
6.75m ³ vide TMBP - 42/12					
@ Rs. 74 = 16/- per m ³					
				Rs. 501	200
⑬ Const. of embankment with approved material 60% of qty of excavated.					
4.05m ³ vide TMBP - 43/13					
CRs. 262 25/2 per m ³					
				Rs. 106	200

Continuation

Rs. 2313025200

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

B.F. Rs 2313, 05200

(14) Const. of subgrade

7 94 of earthen shoulder

94 x 100 up to

1000m x 100m.

4859.46 m² vide TMBP 8/10

4881.11 m³ limit

@ Rs. 189.28/2 per m³

Rs. 8131, 30200

(15) P/V 94 of laying

19 of reinforced

Cement Concrete

Pipe (200mm dia)

110.0 m vide TMBP 43/15

Chs. 906218/2 per m

Rs. 10874520

(16) Const. of granular

8

Sub base by providing

well graded material

1506.07 m vide TMBP - 19/1

1377.36 m³ limit

@ Rs. 2103.43/2 per m³

Rs. 4474540200

Rs. 75,09437200

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.F. Rs. 14390,604200
⑩ P/V and applying 10 primer coat with bitumen emulsion.					5561.07 m ² vide TMOP - 53/5 C.Rs. 42287/2 per m ² Rs. 143964200
⑪ P/V and applying 11 tack coat with bitumen emulsion.					5561.07 m ² vide TMOP - 54/6 C.Rs. 15207/2 per m ²
					Rs. 8380500
⑫ P/V and laying 12 and rolling of close grade of premix surfacing.					5561.07 m ² vide TMOP - 54/7 C.Rs. 207242/2 per m ² Rs. 115347700
⑬ P/V and laying of hot applied thermo- plastic compound.					⑭ B.T. Portion. 27 481.04 m ² vide TMOP - 54/48 ① C.Rs. 725264/2 per m ² Rs. 207412200

Continuation

Rs. 16079273200

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
					8.5.16.079173=00
(3) Concrete Surface.					
28					
179.80m ² vide TNBP - 55/8(1)					
178.00m ² limit.					
Chs. 834 = 19/c per m ²					
					Rs. 148,504=00
(4) Reinforced Cement					
1) Concrete M/S grade					
boundary pillars					
176.00m ² vide TNBP - 55/9					
Chs. 504 = 75/2 per No					
					Rs. 88836=00
(5) P/V and Fixing of					
Informatory Signs.					
boards.					
(i) 600mm equilateral					
triangle					
56.00m ² vide TNBP - 55/10(1)					
Chs. 3705 = 78/c per No.					
					Rs. 407514=00
(ii) 600mm circular.					
62.00m ² vide TNBP - 55/10(1)					
Chs. 4931 = 44/c per No.					
					Rs. 305749=00
					Rs. 16849886=00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B.F. Rs.	1,68,19		886=00
(iii) 800mm x 600mm 24 Rectangular.					
10.0M. wide TMBP — 55/10 (iii)					
@ Rs. 6832 = 67/2 per Nos.					
					Rs. 68,327=00
(iv) 900mm side 25 octagon.					
8.0M. wide TMBP — 55/10 (iv)					
@ Rs. 8685 = 64/2 per Nos.					
					Rs. 1,73,712=00
(16) planting of trees. 26 by the road side.					
231.0M. wide TMBP — 56/11					
@ Rs. 818 = 84/2 per Nos.					
					Rs. 1,89,154=00
(17) Painting on 24 Parapet Wall, (Black & White Strips)					
123.84m ² wide TMBP — 56/13					
@ Rs. 97 = 19/2 per m ²					
					Rs. 12,036=00
					Rs. 1,71,16,772=00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					O.F.R. 171, 1677200
(8) Reinforce of. Cement Concrete. M15 grade.					
i) Kilometer stone. ON. vide TMAP-56/14(i) Ch. 218 = 42/2 per Nos.					Rs. 6955200
ii) 100 m Stone. ON. vide TMAP-56/14(ii) Ch. 624 = 52/2 per Nos.					Rs. 5621200
(9) R/R on top of existing 19 of maintenance board.					
ON vide TMAP-56/14 Ch. 9673 = 77/2 per Nos.					Rs. 9674200
					Rs. 171,39,01200

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.F. Rs. 17139044=00
Add 1% Labour cess					
2 1/2% G.S.T. (+) Rs.					2228073200
Add S.F. (+) Rs.					181674200
					Rs. 19548769200
less 0.07% below					
As per agreement (-) Rs.					13684200
					Rs. 19562452=00
less previous pay-					19535085200
ment vide A.N. (45) (-) Rs.					16070484200
					Rs. 3464601200

25/11/21
A.E

25/11/21
J.E