Schedule XLV Form No.-134 MMGSY (PIU3) ALWESH

BIHAR P.W.D.

Ramgarhwa Pakhanahiya Path se Bandhu Barwa Harijan Basti

1299

Raxaul DIVISION

Ramgarhwa SUB-DIVISION

MEASUREMENT BOOK 1300

Paramba Const. Pvt. Ltd.

1 st on A/c Bill

1

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 - Ranganhuer pakhnahiya path se Bandhu Brewa Harijan Basti					
Agency - Paramba construction pvt limited.					
Ass. No. - 07 Sanction Date -					
Date of start - 22-08-24					
Date of completion - 21/08/2025					
(1) providing and fixing of working bench mark piller and Reference piller					
(I) working bench mark piller					0.700 k.m
(II) Reference piller					0.700 k.m
(2) clearing and grubbing road level (By manual mas)					
	2	13	30m	2.00	= 1560.00 m²
	2	10	30m	2.00	= 1200.00 m²
	2	1	10m	2.00	= 40.00 m²
					= 2800.00 m²
					= 0.28 Hect

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) prev. Dismantling of Existing Stone Brick masonary —					
	3×	5.00	× 0.825	× 3.00 =	37.13 m³
(4) Dismantling of existing Reinforced cement concrete —					
	2×	4.00	× 5.00	× 0.15 =	6.00 m³
	2×	4.00	× 5.00	× 0.300 =	12.00 m³
	2×	4.00	× 0.300	× 0.300 =	0.72 m³
				=	18.72 m³
(5) Earth work excavation for structure —					
	1×	12.40	× 6.00	× 0.80 =	59.52 m³
	2×	12.40	× 1.30	× 1.80 =	58.03 m³
	4×	3.40	× 3.88	× 1.80 =	94.86 m³
				=	212.41 m³
(6) plain cement concrete per M15 (1:2.5:5) in levelling course —					
	1×	11.40	× 6.00	× 0.100 =	6.84 m³
	4×	3.40	× 2.88	× 0.200 =	7.82 m³
				=	14.66 m³
(7) S/F/ Plewing HYSD Bar					
	-do-				
621	50	× 11.875	× 0.89	=	528.437 kg

Continuation

Sch. XLV-Form No.134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
bs2	50	× 1.58	× 1.58	0 =	150.10
bs3	50	× 11.75	× 0.89	=	522.87
	76	× 6.35	× 0.89	=	429.51
	76	× 6.35	× 0.89	=	429.51
	80	× 4.8	× 1.58	=	518.24
	2×50	× 5.70	× 1.58	=	900.60
	2×50	× 4.35	× 0.89	=	387.15
	2×50	× 4.35	× 0.89	=	387.15
	76	× 8.250	× 0.617	=	370.20
	30	× 6.25	× 0.617	=	115.68
	8	× 5.850	× 0.617	=	28.870
	4	× 5.85	× 0.617	=	14.437
	320	× 1.90	× 0.617	=	375.136
					5157.887 kg
					Say = 5.158 MT

(8) Prep. & Fce M20 Sub Structure — do — dore

Bottom slab	11.40	× 6.00	× 0.40	=	27.36 m³
Stem	2	× 6.10	× 3.00	× 0.50 =	18.00 m³
Middle way	1	× 6.10	× 3.00	× 0.40 =	7.20 m³
					52.560 m³

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9) Earthwork calculation					
CH	43 Area		Mean Area	Distance	Quantity
0	1.239				
50	0.628		0.934	50.00	46.675
100	0.972		0.800	50.00	40.00
150	0.785		0.879	50.00	43.925
200	1.313		1.049	50.00	52.45
250	1.128		1.221	50.00	61.025
300	0.810		0.969	50.00	48.45
350	0.949		0.880	50.00	43.975
400	1.246		1.098	50.00	54.875
450	1.324		1.285	50.00	64.25
500	0.790		1.057	50.00	52.850
550	0.745		0.768	50.00	38.375
600	0.183		0.464	50.00	23.200
650	0.205		0.194	50.00	9.700
700	0.238		0.222	50.00	11.075
			Earthwork Qty =		590.825 m³
	For 100 m lead =				425.394 m³
	For 1000 m lead =				165.431 m³
(10) Construction of Subgrade & Shoulder -					
	5 ×	30.00 ×	7.00 ×	0.30 =	315.00
	5 ×	30.00 ×	6.9 ×	0.30 =	310.00
	10 ×	30.00 ×	6.8 ×	0.302	612.00
				Total =	1237.00

Continuation

Sch. XLV-Form No.134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) Construction of G.S.B by Providing well graded material — do —					
	5	30.00	4.05	0.20	121.50
	10	30.00	4.05	0.20	243.00
	5	30.00	4.05	0.20	121.50
					486.00 M3
	7/12/24		7/12/24 A.E		

ABSTRACT OF COST

(1) Construction of Bench mark
P. do — 1 Nos
0.70 km (LHS MBP-1)
@ Rs 5320.71/km — Rs 3724.00

(2) Providing Reference Pillar
— do — 10
0.70 km (LHS MBP-1)
@ Rs 2496.05/km — Rs 1747.00

(3) Clearing & Grubbing Road land including uprooting — do — 1 Nos
0.28 km (LHS MBP-1)
@ Rs 75573.34/km Rs 21161.00

Continuation

Sch. XLV-Form No.134 6

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4) Dismantling of existing structure — do — do — do					
37.13 m³ (ITM BP-2) @ Rs 313.41/m³ — Rs 11860.00					
(5) Dismantling of existing structure — do — do — do					
18.72 m³ (ITM BP-2) @ Rs 671.22/m³ — Rs 12566.00					
(6) Earth excavation — do — do — do					
212.41 m³ (ITM BP-2) @ Rs 398.62/m³ — Rs 84687.00					
(7) Placing PCC M15 — do — do — do					
14.66 m³ (ITM BP-2) @ Rs 8499.15/m³ — Rs 124598.00					
(8) Prop. PCC M20 in sub str — do — do — do					
52.56 m³ (ITM BP-3) @ Rs 9931.10/m³ — Rs 521979.00					
189 (9) S/F/Placing HYSD bar — do — do — do					
5.158 MT (ITM BP-3) @ Rs 80,260.19/MT — Rs 413982.00					

Continuation

Sch. XLV-Form No.134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10) Constn of embankment					
~~do — do~~					
425.394 m³ (UTMBP-4)					
@ Rs 176.16/m³ — Rs 74937.00					
(11) Constn of embankment					
do — do 8/1					
165.931 m³ (UTMBP-4)					
@ Rs 259.62/m³ — Rs 42949.00					
(12) Constn of sub grade					
do — do 8B/2					
1237.00 m³ (UTMBP-4)					
@ Rs 264.42/m³ — Rs 327088.00					
(13) Constn of G.S.B. do					
do — B/2					
486.00 m³ (UTMBP-5)					
@ Rs 4363.12/m³ — Rs 21,20,476					
Rs 37					
Rs 3761738					
Add 18% Rs 677,133					
Add L. cess @ 1% Rs 37617					
Add SF = Rs 47969/-					
Rs 4524437					
Less as cgf @ 0.86% below = 38910					
Net amt = 4485527					
(11)					
7/12/24					

Continuation

Payment 78
Letter no. 1377-3/11/25
Amt - 4485527
Complete bill 4485527
Balance - Nil

Vr. No. ——— Dated ———
B.F - 4485527=0
1st on A/c bill T. Value - 3801294=0

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Memo of Payment					
7.5% S.D.			33641	5=0	
2% SHm			76026	=0	
1% L.cess			44855	=0	
1% CGST			38013	=0	
1% SGST			38013	=0	
(10%) S.fee			47969	=0	
Royality			96571	=0	
Total deduction			677862	=0	
Pay by Cheque			3807665	=0	
Total			4485527	=0	

Passed for (₹ 4485527=0) Rupees forty four lakh eighty five thousand five hundred twenty seven only

03/03/25

E. E.
RWD, W. D. Raxaul

03/03/25

03/03/25

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Material statment				
(1) Earth -	1827.824 m3				
(2) Coursesand -	217.313 m3				
(3) Agg. -	493.031 m3				

2nd on A/c Bill

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work – Ramgarhwa Pakhanuya Path se Bandhu Baswa Harijan Basti					
Agency. – Parshotha Contractor Pvt. Limited.					
Agreement no. – 07/SBB of 2024-25					
D. of. Start – 22/08/24					
D. of. Completion – 21/08/25					
~~(1/186) Pro. P.C.C. M20 in open foundation –~~					
~~R/wall – 4 × 3.00 × 1.01 × 2.98 = 35.54~~					
~~Extra over R/w – 4 × 3.2 × 0.075 = 0.90~~					
~~36.44 m³~~					
(2/193) supplying & fitting & placing M20 grade –					
F – 16 mm dia					
41 × 12.25 × 1.58 = 793.55 kg					
J – 10 mm –					
41 × 2.80 × 0.617 = 323.80 "					
D_1 – 10 mm					
85 × 6.08 × 0.617 = 318.86 "					
D_2 – 10 mm					
85 × 6.08 × 0.617 = 318.86 "					
K – 20 mm dia					
2 × 41 × 3 × 2.48 = 610.08 "					
M – 10 mm					
2 × 41 × 0.85 × 0.617 = 43.7 "					
m – 10 mm					
2 × 41 × 1.10 × 0.617 = 55.65 "					

Continuation

Sch. XLV-Form No.134 11

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Kerb — Vertical - 18 mm					
2 × 2 × 76 × 0.92 × 0.617 =					172.56 m
Bench — 8 mm					
2 × 2 × 3 × 11.30 × 0.39 =					52.88 "
					2689.24 m
		Limited		=	2550 kg
				=	2.55 MT
		20/02/25		20/2/25	
Date of measurement —					
(1/192) Fno & laying M25					
Slab - 1 × 11.40 × 6.40 × 0.40 =					27.36 m³
Hunch - 8 × 6.40 × 0.02 × - =					0.96 "
Kerb - 2 × 11.40 × 0.25 × 0.30 =					1.71 "
					30.03 m³
(2/186) Fno P.C.C M20 —					
R/W 4 × 3 × (2.475 + 1.775)/2 × 1.6 =					40.90 m
cutoff - 2 × 11.4 × 0.30 × 1.50 =					10.26 "
					51.06 m³
(3/187) Plain/Reinforced C.C M20					
R/wall - 4 × 3.00 × 1.01 × 2.93 =					35.54 m³
Coping on R/W - 4 × 3.40 × 0.075 =					0.90 "
					36.44 m³
(4/188) F/no. weepholes on					
B/work — dwl					
				@ 4 =	21 N

Continuation

Sch. XLV-Form No.134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
(5/196) Pro. and laying wearing course M30 —					
1 × 11.40 × 5.50 × 0.075 = 4.70 m²					
Date of measurement —					
(1/190) Backfilling behind abutment — do —					
2 × 3.00 × 5.20 × 0.20 = 6.24 m³					
2 × 3.00 × 4.26 × 2.93 = 74.73 "					
Deduct for filter media = 31.50 "					
49.47 m³					
(2/191) Pro & laying filter materials underneath —					
Behind Abut — 2 × 4.26 × 0.60 × 2.70 = 13.80					
Behind R/W — 4 × 2.40 × 0.60 × 3.07 = 11.70 "					
31.50 m³					
~~3/194) Construction of R.C.C Railing M25 —~~					
~~2 × 11.40 = 22.80 m.~~					
(3/195) Pro. drainage spout — 6 N.					
(1/163) 167 G.S. B grade I					
1 × 11.00 × 3.75 × 0.10 = 41.25					

P.C.C to portion

Continuation

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Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
~~(2/168)~~ 1/163					
(1/163,168) For W.B.M grading III					
23 × 30 × 3.75 × 0.075 = 194.06					
1 × 20 × 3.75 × 0.075 = 5.62 "					
				199.68 m³	
		Limited =			
		10/03/25 JE		10/3/25 A.E.	
(1/164) Applying bitumen coat —					
23 × 30 × 3.75 = 2587.5 m²					
1 × 20 × 3.75 = 75.00 m²					
				2662.50 m²	
		Limited		2295.00 m²	
(2/165) For tack coat —					
Qty same of item					
(1/164) = 2662.50 m²					
Limited = 2295.00 m²					
(3/166) For mix seal surface —					
23 × 30 × 3.75 = 2587.50 m²					
1 × 20 × 3.75 = 75.00 "					
				2662.50 m²	
		Limited =		2295.00 m²	
		17/03/25 JE		17/3/25 A.E.	

Continuation

Sch. XLV-Form No.134 **11**

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1/169) Excav. and Layin and construction Reinforced Cement Concrete foundation					
	3	× 30	× 3.75	× 0.16 = 54.00 m³	
	1	× 10	× 3.75	× 0.16 = 6.00 m	
				60 m³	
Extra brickwork					
	2	× 6	× $\left(\frac{0+1.12+0.}{3}\right)$	× 0.16 = 1.71 m³	
	2	× 8.00	× $\left(\frac{0+0.8}{2}\right)$	× 0.16 = 1.02 m³	
				Net T = 61.73 m³	
		Limited		= 61.20 m³	
(2/183) Logo board —					
				ZN.	
	22/03/25			22/3/25 A.E.	

Continuation

2nd on A/c Bill

Sch. XLV-Form No.134 **15**

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT OF COST					
(1/154) Construction of Bench mark.					
T.M.B page 5 Qty = 0.70 Nos					
@ Rs 3207.71/Nos					3724.00
(2/155) Reference pillar					
T.M.B page 5, Qty = 0.70 Nos					
@ 2496.05/no					1747.00
(3/156) Clearing and grubbing road land — do —					
T.M.B page 5, Qty = 0.28 Ha					
@ 75573.34/Ha					21161.00
(4/157) Dismantling of extra structure — do —					
T.M.B page 6, Qty = 37.13 m³					
@ 349.41/m³					11860.00
(5/158) Dismantling extra structure of wood —					
T.M.B page 6, Qty = 18.72 m³					
@ 671.24/m³					12566.00
(6/159) Const. of embankment with borrow pit —					
T.M.B page 07, Qty = 165.43 m³					
@ 259.62/m³					42949.00
(7/160) Construction of embankment 100 m					
T.M.B page 07 Qty = 425.39 m³					
@ 176.16					74937.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(8/161) Const. of Subgrade –					
T.M.B page-7, Qty = 1237.m³					
@ ₹ 264.42/m³ – ₹ 327088.W					
9/162, 167) Construction of T.S.B					
— do —					
M.B page-7, Qty = 486.m³					
M.B page-12, Qty = 41.25					
T = 527.25m					
@ ₹ 4363.12/m³ – ₹ ~~2120476.W~~ ₹ 2300455.W					
11/163, 168) f/no. W.B.M. Gr-III –					
M.B page 13, Qty = 199.68m³					
@ ₹ 5506.98/m³ – ₹ 1099636.W					
12/164) Applying primer Coat –					
T.M.B page-13, Qty = 2295.m²					
[illegible]					
(12/165) f/no tack coat –					
T.M.B page 13, Qty = 2295.m²					
@ ₹ 20.07/m² – ₹ 46061.W					
13/166) f/no mix sill surface –					
T.M.B page 13, Qty = 2295.m²					
@ ₹ 295.37/m² – ₹ 678333.W					
~~13/163, 167) f/no. Grade T.S.B~~					
~~grade III — do~~					
~~T.M.B page-12, Qty =~~					
(14/169) Construction reinforcement cement concrete pavement –					
T.M.B. page-14, Qty = 61.20m³					
@ ₹ 9954.78/m³ – ₹ 609232.W					

Sch. XLV-Form No.134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(14/183) Logo Board —					
T.M.B page-14, 2 N.					
@ Rs 12363.96/m³ Rs 24728.w					
(15/184) E/w excavation for footh — do —					
T.M.B page-6, Qty = 212.41 m³					
@ Rs 398.62/m³ Rs 84671.w					
(17/185) f/w f.c.c. M15 —					
T.M.B page 7, Qty = 14.66 m³					
@ Rs 8499.25/m³ Rs 124598.w					
(18/186) f/w. P.C.C M20.					
T.M.B page 11, Qty = 51.06 m³					
@ Rs 9230.28/m³ — Rs 471298.w					
(19/187) f/w P.C.C M20 in s/s —					
T.M.B page-6, Qty = 52.56 m³					
T.M.B page 11, Qty = 36.44 m³					
89.m³					
@ Rs 9931.10/m³ — Rs 883868.w					
(20/188) f/w. weep hole in B/work —					
T.M.B page 11, Qty = 21 N					
@ Rs 117.46/N — Rs 2467.w					
(21/189) f/w S/F/F HYSD bar —					
T.M.B page 6, Qty = 5.158 MT					
@ Rs 80260.19/MT, Rs 413982.w					
(22/190) Backfilling behind abut. —					
T.M.B page 12, Qty = 49.47 m³ @ Rs					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(23/191) Pro. and laying filter materials —					
T.M.B page 12, Qty = 31.50 m²					
@ ₹ 4576.31/m²					₹ 144154.00
(24/192) Pro. & lay M25 —					
T.M.B page 11, Qty = 30.03 m³					
@ ₹ 11175.99/m³					₹ 335615.00
(25/193) S/F/R HYSD bar —					
T.M.B page 10, Qty = 2.55 MT					
@ ₹ 81618.90/MT					₹ 208636.00
(26/195) Pro. drain s.boards —					
T.M.B page 12, Qty = 6 N.					
@ 928.44/N					₹ 5571.00
(27/196) Pro. and laying bearing course —					
T.M.B page 12, Qty = 4.70 m²					
@ ₹ 17062.71/m²					₹ 80195.00
					₹ 7721436.00
Add 1% Lab. cess					₹ 77214=00
Add 18% G.S.T					₹ 1389858.00
Add S.T					₹ ~~49339~~.00 55738.00
					₹ 9244246.00
Less against 0.86%					₹ 79500-00
Less Amt of 1st bill					₹ 9164746.00
					3rd ⊙R 4485537.00
					₹ 4679209.00

22/03/2025

21/3/25
A.E.

Sch. XLV-Form No.134 **19**

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
S.F. charge					
— Rs		55738.00			
Material Statement					
(i) Sand —		97.40 m³			
(ii) S/chips —		551.25 m³			
(iii) Emulsion SS1 —		1950.75 kg			
(iv) Emulsion RS1 —		631.31 kg			
(v) Bitumen VG10 —		4016.25 kg			
(vi) Last plastic —		348.84 kg			
		22/03/22			

Attachment
~~Vide No. 137 dt.~~
~~Bill — 4485 527.00~~