

Name of work - Bihita Shikshak School to Jaitipur

11/11/2023
7023-24

Schedule XLV-Form No. 134

Danapur

DIVISION

Bihita

SUB-DIVISION

MB.1110-1551

Measurement Book

Name of Agency - om Prakash Sharma

Abstract of Cost

23

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1/ Providing clearing & grubbing					
Road land — do —				7/5	
Qty vide TMB P-①					
= 0.21 Ha					
@ Rs 58709.27 / Ha					Rs ^{12329.00} 12329
2/ Providing Dismantling of C.C.					
pavement — do —				7/5	
Qty vide TMB P-②					
= 180.00 m ³					
@ Rs 1480.48 / m ³					Rs 2,66,486.00
3/ Providing const. of subgrade &					
Earthen shoulder — do —				7/5	

Qty vide TMB P-③

= 234.00 m³

@ Rs 238.02 / m³

Rs 55697.00

4/ Providing const. of G.S.B by providing well graded — do —

7/5

Qty vide TMB P-④

= 260.53 m³

@ Rs 2339.97 / m³

Rs 6,09,632.00

5/ Providing laying, spreading &

compacting W.B.M Cur. - 1 — do —

7/5

Qty vide TMB P-⑤

= 6698 m³

@ Rs 5144.86 / m³

Rs 3,44,603.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(6) Providing, laying, spreading & compacting WBM - Cur III - 7/8					
Qty vide TMB P- (4)					
= 298.10 m ³					
@ Rs 4920.96 / m ³					Rs 14,66,938.00
(7) Providing & applying prime coat (SS-2) - do - 7/8					
Qty vide TMB P- (5)					
= 2850.00 m ²					
@ Rs 59.11 / m ²					Rs 1,68,463.00
(8) Providing & applying tack coat (R.S-1) - do -					
Qty vide TMB P- (5)					
= 2850.00 m ²					
@ Rs 20.06 / m ²					Rs 57171.00
(9) Providing & applying tack coat (R.S-2) - do - 7/8					
Qty vide TMB P- (6)					
= 2850.00 m ²					
@ Rs 16.67 / m ²					Rs 47,509.00
(10) Providing, laying & rolling closed granular premix surfacing material - do - 7/8					
Qty vide TMB P- (6)					
= 71.25 m ³ 2850.00 m ²					
@ Rs 13,345.39 / m ³					Rs 9,50,592.00
@ Rs 259.77 / m ²					Rs 7,40,344.00

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) Providing & laying Semi dense bituminous concrete — $\frac{11}{11}$					
Qty vide TMA P-(6)					
= 71.23 m^3					
@ Rs 13,345.39/ m^3 —					Rs 9,50,592.00
(12) Providing & construction of unreinforced Plain cement concrete — $\frac{12}{12}$					
Qty vide TMA P-(4)					
= 177.01 m^3					
@ Rs 7499.52/ m^3 —					Rs 13,27,490.00
(13) Providing R.C.C. M15 grade km/stone					
(14) — do — $\frac{13}{14}$ — ordinary km stone					
Qty vide TMA P-(7)					
= 03 Nos					
@ Rs 2788.72/each —					Rs 8366.00
(14) 200mm Stone					
Qty vide TMA P-(8)					
= 04 Nos					
@ Rs 807.81/each —					Rs 3231.00
(15) Providing & fixing of Retro reflectorised — $\frac{15}{18}$					
600 mm equilateral Triangle					
Qty vide TMA P-(8)					
= 08 Nos					
@ Rs 3941.96/each —					Rs 31536.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(16/19) 600mm circular Qty vide TMB P-⑧ = 02 nos					
@ Rs 5299.34 / nos					Rs 10,599.00
(17/20) 600mm x 450mm rectangular Qty vide TMB P-⑧ = 02 nos					
@ Rs 5160.89 / nos					Rs 10,321.00
(18/24) Providing & fixing of typical mmgsy informative sign board - 1/1 Qty vide TMB P-① = 03 Nos					
@ Rs 10,128.76 / nos					Rs 30,386.00
(19/25) Providing and laying of hot applied thermoplastic compound - 1/1 Qty vide TMB P-⑦ = 162.00 m ²					
@ Rs 777.04 / m ²					Rs 1,25,880.00
(20/26) Providing laying Hot applied thermoplastic compound - 1/1 Qty vide TMB P-⑦ = 60.00 m ²					
@ Rs 807.82 / m ²					Rs 48,469.00
(21/41) Providing & laying R.C.C. duct pipe Qty vide TMB P-⑦ = 10.00 m					
@ Rs 898.23 / m					Rs 8982.00
Continuation					Rs 63,25,024.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(22/28) Dismantling of existing structures like culvert, bridges, retaining walls and other structures. — do —					7/13
Qty vide TMB P- (18)					
= 9.600 m ³					
@ Rs 467.62 / m ³					Rs 4489.00
(23/29) Dismantling of existing structures like culverts, bridges, retaining walls and other structures. — do —					7/13
Qty vide TMB P- (18)					
= 37.500 m ³					
@ Rs 266.64 / m ³					Rs 9999.00
(24/30) Earthwork in excavation for foundation of structures as per drawings & technical specification. — do —					7/13
Qty vide TMB P- (18)					
= 81.001 m ³					
@ Rs 338.37 / m ³					Rs 27408.00
(25/31) Providing concrete plain / reinforced concrete in open foundations complete — do —					7/13 m-15
Qty vide TMB P- 19					
= 10.125 m ³					
@ Rs 6777.47 / m ³					Rs 68622.00
(26/32) Providing concrete plain / reinforced concrete in open foundations — do —					7/13

Continuation

Rs 6435542.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Qty vide TMB P-(19)					
= 51.820 m ³					
@ Rs 4332.13 / m ³					Rs 879951.00
(27/35) Supplying, fitting and placing 1750 bar reinforcement in substructure — do — 7/8					
Qty vide TMB P-(20)					
= 0.859 m.T.					
@ Rs 103018.94 / m.T.					Rs 88493.00
(28/34) Providing & laying reinforced cement concrete in substructure — do — 7/8					
Qty vide TMB P-(21)					
= 52.300 m ³					
@ Rs 7635.51 / m ³					Rs 399337.00
(29/34) Providing & laying reinforced cement concrete in superstructure — do — 7/8					
Qty vide TMB P-(22)					
= 6.480 m ³					
@ Rs 8825.26 / m ³					Rs 57188.00
30 Backfilling behind abutment, wing wall and return wall complete — do — 7/8					
Qty vide TMB P-38.140 m ³					
@ Rs 854.04 / m ³					Rs 32573.00

Continuation Rs 7393084.00

R, 7393084.0

Continuation

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

Calculation of Seigniorage fee

(i)	26.50mm - 9.50mm = 116.20 m ³				
	@ Rs 886.00/m ³				Rs 1,02,953.00
(ii)	9.50mm - 2.36mm = 83.37 m ³				
	@ Rs 424.21/m ³				Rs 35,366.00
(iii)	Local Sand = 132.87 m ³				
	@ Rs 143.82/m ³				Rs 19,043.00
(iv)	63mm - 45mm = 81.05 m ³				
	@ Rs 975.00/m ³				Rs 79,024.00
(v)	11.20mm = 89.43 m ³				
	@ Rs 424.21/m ³				Rs 37,937.00
(vi)	Binding Material = 5.36 m ³				
	@ Rs 159.97/m ³				Rs 857.00
(vii)	53mm - 22.40mm = 360.70 m ³				
	@ Rs 1080.50/m ³				Rs 3,89,736.00
(viii)	13.20mm - 0.09mm = 85.50 m ³				
	@ Rs 424.21/m ³				Rs 36,270.00
(ix)	9.50mm - 4.75mm = 59.33 m ³				
	@ Rs 586.21/m ³				Rs 34,780.00
(x)	4.75mm - below = 42.68 m ³				
	@ Rs 262.42/m ³				Rs 11,200.00
(xi)	Crushed stone Aggr. = 159.31 m ³				
	@ Rs 886.00/m ³				Rs 1,41,149.00
(xii)	Stone Chips 40mm = 42.343 m ³				
	@ Rs 975.00/m ³				Rs 41,284.00
(xiii)	20mm Stone chips = 434.2 m ³				
					Rs 92,959.00

Continuation

Material Statement

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|--------|------------------|---------------------------|
| (i) | E/W of Sub Grade | = 234.00 m ³ |
| (ii) | Stone Agg. | = 1294.876 m ³ |
| (iii) | Coarse Sand | = 188.910 m ³ |
| (iv) | Local Sand | = 132.870 m ³ |
| (v) | Bitumen | = 13.170 m.t. |
| (vi) | Emulsion (RS-1) | = 2.420 m.t. |
| (vii) | Emulsion (RS-2) | = 1.490 m.t. |
| (viii) | Steel | = 0.857 m.t. |

Continuation