

PWD Road (Safarpatti) To Mubarak Miya Ka
ghar Tak

Schedule XLV-Form No. 134

NDB

Basantpur

DIVISION

SUB-DIVISION

MEASUREMENT BOOK

977
25/1/22

Alok Kumar Singh

Sch. XLV Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
	ISF				
Name of work - construction of road					
from PWD road (Sutan Patti) to					
Mubarak miya ke ghar Tak					
Agency - Alak Kumar Singh					
Package No - MMGSY-HDB-BRRP-276(1)					
Agreement No - 32 SBD/2020-21					
Work Start Date - 21/01/2022 } As per					
Date of completion - 20/01/2023 } As per					
Date of entry - 12/12/23					
ABSTRACT OF COST					
(1/2) Provisioning and binding of					
workings bench mark and					
reference pillar - all					
complete set					
(a/3) Benchmark pillar					
444 inch TMB Page 1 = 2 No					
@ Rs 4375.74 each = Rs 8751.48					
(b/4) Reference pillar					
444 inch TMB Page 1 = 5 No					
@ Rs 2020.00 each = Rs 10100.00					
(2/5) Clearing and grubbing					
road land - all complete set					
444 inch TMB Page 2 = 0.623 Hec					
@ Rs 52966.72/Hec = Rs 33046.00					
Total Rs 51897.48					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				8FA	51897.0
(3 / 8) Excavation for road way in soil — all complete sub					
Qty vide TMB page 12 = 95.63 m ³					
@ 75.57/m ³ = Rs					7227.00
(4 / 7) construction of embankment with road way cutting — all complete sub					
Qty vide TMB page 12 = 57.38 m ³					
@ 26.52/m ³ = Rs					1522.00
(5 / 8) construction of embankment with 100m lead — all complete sub					
Qty vide TMB page 9 = 1556.39 m ³					
@ 143.05/m ³ = Rs					222642.00
(6 / 9) construction of embankment with 100m lead — all complete sub					
Qty vide TMB page 9 = 1511.83 m ³					
@ 190.04/m ³ = Rs					287308.00
(7 / 10) construction of subgrade and earthen shoulder — all complete sub					
Qty vide TMB page 11 = 891.66 m ³					
Vide TMB page 25 = 326.87 m ³					
				1218.53 m ³	
@ 191.72/m ³ = Rs					233617.00
					Rs 804213.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				84 P	804213.0
($\frac{8}{11}$) construction of GSB granular I					
all complete 0.05					
qty side TM8 Page 13 =	100			13 m ³	
side TM8 Page 17 =	486			81 m ³	
				586.94 m ³	
Qty 371 4.33/m ³				= 2180089	
($\frac{9}{12}$) Providing, laying, spreading					
and compacting WBM 3-					
all complete 0.05					
Qty side TM8 Page 13 =	30			10 m ³	
side TM8 Page 19 =	287.48			m ³	
				317.58 m ³	
Qty 4497.38/m ³				= 1428278.0	
($\frac{10}{13}$) Providing and applying					
primer coat - all complete 0.05					
Qty side TM8 Page 20 =	2297.48			m ²	
Qty 43196/m ²				= 100997.0	
($\frac{11}{14}$) Providing and applying tack					
coat - all complete 0.05					
Qty side TM8 Page 20 =	2297.48			m ²	
Qty 150.03/m ²				= 34531.0	
($\frac{12}{15}$) Providing, laying and rolling					
of close graded premix					
surfacing - all complete 0.05					
Qty side TM8 Page 21 =	2297.48			m ²	
Qty 22596/m ²				= 519139.0	

Qty 5067247.0

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			BF	PS	5067247.14
($\frac{13}{16}$) construction of panel concrete, per m30 grade — — — — — all					
Complete job					
Qty wide TMB Page 23 = 267.75 m ³					
CM 8260 '85/m ³ =					2211843
($\frac{14}{20}$) providing and binding Km Stone — — — all Complete job					
Qty wide TMB Page 23 = 23 NO					
CM 2427.99 each =					7284.14
($\frac{15}{21}$) providing and binding 200m Stone — — — all Complete job					
Qty wide TMB Page 23 = 5540					
CM 641.80 each =					3209.10
($\frac{16}{22}$) providing and binding typical MMBSY informative sign board — — — all Complete job					
Qty wide TMB Page 23 = 4110					
CM 9893.50 each =					39574.20
($\frac{17}{24}$) providing and binding boundary pillar — — — all Complete job					
Qty wide TMB Page 23 = 44 nos					
CM 52376 each =					23045.10
($\frac{18}{26}$) providing and binding retro-refle- ctive sign board — — — all					
Complete job					

Copy 7352202.14

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF 04	7352202
(i) (26) 60mm equilateral triangle					
Qty vide TM B Page 23 = 14 No					
@ Rs 3812.37 each				24	53373
(ii) (27) 60mm circular					
Qty vide TM B Page 23 = 7 No					
@ Rs 5037.23 each				24	35261
(iii) (28) 80mm x 60mm rectangular					
Qty vide TM B Page 23 = 4 No					
@ Rs 6937.20 each				24	27749
(iv) (29) 60mm x 450mm rectangular					
Qty vide TM B Page 23 = 2 No					
@ Rs 4911.85 each				24	9824.20
(v) (30) 90mm octagon					
Qty vide TM B Page 23 = 6 No					
@ Rs 8788.95 each				24	52734
(vi) (31) Road marking in BT Postum					
— all complete 00%					
Qty vide TM B Page 24 = 123.30 m ²					
@ Rs 721.91/m ²				24	89012.00
(vii) (32) Road Marking in CC Postum					
— all complete 00%					
Qty vide TM B Page 24 = 140.10 m ²					
@ Rs 810.71/m ²				24	113499.00
(viii) (33) E/W in excavation per					
Rec Box Culvert					
band above — all complete 00%					
Qty vide TM B Page 3 = 115.19 m ³					
vide TM B Page 9 = 115.19 m ³					
					230.38 m ³

Continuation

@ Rs 279.09/m³ ^{Unit at 230.38 m³}
 = 1464258.00
 @ Rs 7797912.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BF RS	7797912.10
($\frac{22}{38}$) Providing RCC			115	in	
open foundation				all	
complete job					
Qty wide TMB Page 3 =			81	30m ³	
wide TMB Page 10 =			81	30m ³	
			161	60m ³	
CA 622			4.52/m ³	= R	103327.10
($\frac{23}{39}$) Providing RCC/RCC M20					
in foundation				all	
complete job					
Qty wide TMB Page 14 =			33.4	5m ³	
wide TMB Page 11 =			30.6	4m ³	
			63.5	3m ³	
CA 6823			37/m ³	= R	433489.10
($\frac{24}{40}$) S/F and placing HYSD bar					
reinforcement in foundation					
all complete job					
Qty wide TMB Page 4 =			0.16	0MT	
wide TMB Page 10 =			0.16	0MT	
			0.32	0MT	
CA 512			97.87/MT	= R	16415.10
($\frac{25}{41}$) Providing RCC/RCC M20 in					
sub structure				all complete job	
Qty wide TMB Page 5 =			16.4	2m ³	
wide TMB Page 13 =			15.3	6m ³	
			31.0	78m ³	
CA 7022			77/m ³	= R	223182.10

Continuation CA 8574325.10

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BFR	8574325.20
($\frac{26}{12}$) Providing weep hole					
all complete job					
Qty wide TMG Page 6 =			36 M		
wide TMG Page 14 =			36 M		
			72 M		
Qty 112.06 each				R	8068.00
($\frac{27}{13}$) Providing RCC m25 in					
sub structure				all	
complete job					
Qty wide TMG Page 5 =			10.49 m ³		
wide TMG Page 6 =			2.65 m ³		
wide TMG Page 14 =			10.49 m ³		
wide TMG Page 15 =			2.05 m ³		
			25.08 m ³		
			Unit 25.06 m ³		
Qty 7625.67/m ³				R	191099.00
($\frac{28}{14}$) S/F and placing HYSD					
bar reinforcement in sub					
structure				all complete job	
Qty wide TMG Page 5 =			1.122 MT		
wide TMG Page 6 =			0.105 MT		
wide TMG Page 11 =			1.122 MT		
wide TMG Page 14 =			0.105 MT		
			2.454 MT		
Qty 51443.86/MT				R	126143.00
				all	8899635.00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BT	8899635.00
(²⁹ / ₄₅) Back filling behind abutment and Return wall — all complete job					
qty wide TM8 Page 7 =			32	78 m ³	
wide TM8 Page 16 =			31	39 m ³	
			64	17 m ³	
Qty 752 .08/m ³ =				A	48261.00
(³⁰ / ₄₆) Providing and Laying filter media — all complete job					
qty wide TM8 Page 7 =			22	11 m ³	
qty wide TM8 Page 15 =			21	65 m ³	
			43	76 m ³	
Qty 3933 .22/m ³ =				A	172117.00
(³¹ / ₄₇) Providing and Laying RCC M30 in super structure — all complete job					
qty wide TM8 Page 7 =			4	69 m ³	
wide TM8 Page 15 =			4	69 m ³	
			9	138 m ³	
Limit 8 .70 m ³					
Qty 8189 .30/m ³ =				A	71247.00
(³² / ₄₈) S/F and Placing 145 SD bar reinforcement in super structure — all complete job					
qty wide TM8 Page 6 =			0	396 MT	
wide TM8 Page 14 =			0	396 MT	
			0	792 MT	
Limit			0	74 MT	
Qty 52573 .78/MT =				A	38905.00

Continuation

Qty 9230165.00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BFA	9230165.10
(33/49) Dismantling RCC / RCC m 20m					
Para pet --- all complete job					
Qty wide TMB Page 7 = 1.20 m ³					
Wide TMB Page 15 = 1.18 m ³					
			2.38 m ³		
			Qty 702.72 / m ³ 24		16714.20
(34/50) Painting two coat including					
primer coat --- all complete job					
Qty wide TMB Page 7 = 5.96 m ²					
Wide TMB Page 15 = 5.89 m ²					
			11.85 m ²		
			Qty 100.76 / m ²	24	1194.20
(35/60) Dismantling of RCC work					
--- all complete job					
Qty wide TMB Page 2 = 0.98 m ³					
			Qty 497.81 / m ³	24	488.20
(36/61) Dismantling of RCC work					
--- all complete job					
Qty wide TMB Page 2 = 4.20 m ³					
			Qty 1128.62 / m ³	24	4740.20
(37/63) Dismantling of Bricks					
masonry work --- all complete					
Job					
Qty wide TMB Page 3 = 49.50 m ³					
			Qty 235.20 / m ³	24	11642.20
				Qty	9264943.20

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			BA	28	9264943m
Add waste 10%			-	(+) 28	1111793m
Add Labour less @ 1%				(-) 28	926491m
Add S. Fee				(+) 28	975731m
				28	105669581m
Less Below rate @ 12.60% AS					
Per Percent				(-) 28	1331437m
				28	9235521m
BA 8/1/23 12/12/23 SB BA 8/1/23 12/12/23 SB					
BA 8/1/23 12/12/23 SB					
material Statement					
① Earth — 4286.75 m ³					
② Stone metal — 929.81 m ³					
③ Stone chips — 434.60 m ³					
④ Stone screening — 76.22 m ³					
⑤ Coarse Sand — 398.90 m ³					
⑥ Local Sand — 77.00 m ³					
⑦ Emulsion RS-1 — 0.632 MT					
⑧ Emulsion RS-1 SS-1 — 1.953 MT					
⑨ Bitumen S-90 — 4.365 MT					
BA 8/1/23 12/12/23 SB BA 8/1/23 12/12/23 SB					