

Primary N.D.B
P.C.D Road Gopalpur Jagmawan ko
Aanghar gan m uslum hla.

Module XLV-Form No. 134

Shorgahat DIVISION

Shorgahat SUB-DIVISION

MEASUREMENT BOOK

Ga ya Biao prt

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2nd and 3rd floor -					
N/W - RED Road Kormakhe to					
Anisarganj Muslim talga.					
Agency - Gayatri Private limited					
Norapour talga.					
Mutabach Dalka talga.					
Agreement No - 16 H/SB/D/2023-24 -					
date of work order - 13.12.2024					
date of comp - 12.3.2025					
below - 19.99%.					
date of measurement - 9.10.2024					
(1) providing and applying					
primer coat with Bitumen					
emulsion (55) chalo					
1x 26m x 3.75 = 97.5m ²					
1x 30 x 3.75 = 112.5m ²					
1x 30 x $\frac{3.75+3.80}{2}$ = 113.25m ²					
1x 30 x $\frac{3.80+3.75}{2}$ = 113.25m ²					
1x 30 x 3.75 + 3.80 = 113.25m ²					
Extra chalo 2x10 x $\frac{0.4+1.20}{2}$ = 8m ²					
					7 = 557.75m ²
(2) providing tack coat solo					
1x 26m x 3.75 = 97.5m ²					
3x 30 x $\frac{3.75+3.80}{2}$ = 339.75m ²					
1x 30 x 3.75 = 112.5m ²					
Total qty 557.25m ²					

10/10/2024
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Continuation 10/10/2024
10

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) providing layers and Relief of slope - gradient prime Carpet surface Nos. 2 immediate layers do $1 \times 26 \text{ m} \times 3.75 = 97.5 \text{ m}^2$ $3 \times 30 \text{ m} \times 3.75 = 337.5$ $1 \times 30 \text{ m} \times 3.75 = 112.5 \text{ m}^2$ Total = 552.28 m ²					
(4) providing sand layer Reinforced cement Concrete pipe 300mm dia 15m					
(5) Reinforcement cement can tie mesh boundary pillar circle 8 Nos					
(6) KM Stone circle 02 Nos					
(7) 200m stone circle 02 Nos -					
(8) Traffic Sign Board circle 600mm circular triangular unit 5 Nos -					
(9) 600mm Circular 6 Nos -					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10) 600 mm side octagon 01 Nos					
(11) 600 mm x 450 mm rectang. 2 Nos					
(12) 900 mm octagonal 1 Nos					
(13) Road marking for B.T. Sutta Not applied. thermoplastic do					
					$2 \times 26 \text{ m} \times 0.100 = 5.2 \text{ m}^2$
					$4 \times 30 \text{ m} \times 0.100 = 12 \text{ m}^2$
					29.20 m^2
(14) Road marking of PCC Sutta					
					$2 \times 10 \times 30 \times 0.100 = 60 \text{ m}^2$
(15) plantation of trees do. 14 Nos					
(16) manhole & lining log board & math board do 04 Nos					
(17) Conf ⁿ of subgrade Embankment shoulders for flexible roads					
Center & side BS					
					$2 \times 4 \times 30 \times 1.50 \times 0.200 = 72 \text{ m}^3$
					$2 \times 1 \times 26 \times 1.50 \times 0.200 = 15.6 \text{ m}^3$
Embankment for W.B.M. & P.C.C.					
					$2 \times 4 \times 30 \times 1.22 \times 0.095 = 27.8 \text{ m}^3$
					$2 \times 1 \times 26 \times 1.20 \times 0.095 = 5.92 \text{ m}^3$

$\Sigma = 121.33 \text{ m}^3$
 Lead up to 1000 m = 36.40 m³
 Lead up to 100 m = 84.93 m³
 Continuation

Date
 11-10-2024
 22

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
ABSTRACT OF COST.					
(1)	Providing & fixing of working Berth				
	Marks done				
	Qty m ² TMBP. 6				
	item no 1				
	1 Nos @ 1943.84/each				1944.00
(2)	clearing & grubbing road land etc				
	Qty m ² TMBP. 6				
	item no 2				
	0.067 Hect @ 75594.25				5060.00
(3)	Box cutting for Roadway, etc				
	Qty m ³ TMBP. 6				
	item no 3				
	75.13 m ³ @ 186.85/m ³				14038.00
(4)	Cost of Embankment lead up to 100 m				
	Qty m ³ TMBP. 7				
	item no 4				
	225.74 m ³ @ 185.83/m ³				51242.00
(5)	Cost of Embankment lead up to 100 m				
	Qty m ³ TMBP. 7				
	788.33 m ³ @ 258.63/m ³				203883.00
	Total = 301680.00				
	Total = 2076170.00				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(6)			81	As	321600.00 276120.00
Cost of subgrade					
Gravel shoulder dials					
City vide TMB p 7 item					
203 m ³ no 6					
+ 84.931 folds TMB p 12 item 16					
287.931 m ³ @ 313.0/m ³ 15					90122.00 75264.00
Limit 240.40					
Lead up to 100 m dials					
City vide TMB p 12 item 16					
(7)					
36.40 m ³ @ 226.04/m ³ 18					8228.00
(7)					
Cost of G.SB					
Material dials					
City vide TMB p 7					
Item no. 7					
151.80 m ³ @ 1955.23/m ³					296804.00 298200.00
(8)					
Cost of W.B. masonry					
Material dials					
City vide TMB p 7					
Item no. 8					
187.94 m ³ @ 3370.92/m ³					633531.00
Limit 129.94					438017.00
(9)					
Prime coat (low price)					
providing and applying					
Prime coat (SS) dials					
City vide TMB p 10					
Item no. 1					
557.75 m ² @ 58.37/m ²					32556.00
					12381357.00 T=1337411.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$Bf = 13.37411 \times B/A = 1.38735$ 13.37411
(10) 11					providing and applying pack coat above Qty vide Tm 2 p 10 item no. 2
					$557.75 m^2 @ 19.96/m^2 = 11133 = 0$
(11) 12					Mss 20mm thickness above Qty vide Tm 3 p. 11 item no. 3
					$557.75 m^2 @ 225.70/m^2 = 125884 = 0$
(12) 13					Cost of unreinforced
					Cement concrete M30 grade 160mm thickness Qty vide Tm 2 p 8 item no. 9
					$183.60 m^2 @ 6675.88/m^2 = 1225692 =$
(13) 17					providing 2 layers 30mm dia cement concrete pipe Qty vide Tm 2 p 11 item no. 4
					$15 m @ 986.79/m = 14802 = 0$
(14) 18					Boundary pillar above Qty vide Tm 2 p 11 item no. 5
					$2 No @ 724. / each = 5792 = 0$

TA 2764660
 T= 2720714

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.F. 18 = 2805144
(21) 15					Road marking with hot applied. blue for B.T. surface Qty vide TMBP 12 Item no 14-15 13
29m ²	21				712.20/m ² = 20795
(22) 16					Road marking for PCC surface - blue Qty vide TMBP 12 Item no 14
60m ²	22				744.78/m ² = 44686.00 = 46486.00 = 46687.00
(23) 17					plantation of tree also Qty vide TMBP 12 Item 15
14 Nos	23				@ 1288.26/each = 18043.60
(24) 18					providing 2 firing logos Board and masonry project Board - also Qty vide TMBP 12 Item no 16
04 Nos	24				@ 11149.00/each = 44596.00
					61118 = 2977214 73 2935065
					24,33,265.00

Continuation

2722893.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				Bd/Hs	2935065 =
(28/29) Earthwork in excavation					2933285 =
in foundn. d=1.20					2722873 =
Qty wide TMB P-13					
Item no 18					
15.662 m ³ @ 398.60/m ³ Hs =					6243 =
(26/30) providing Missgrade					
Pic for leveling lands					
Qty wide TMB P-13					
item no 19					
2.054 m ³ @ 5562.53/m ³					11,42.5 =
(22/31) providing concrete for					11,403 =
Plum/Reinforced concrete					
Qty wide TMB P-13 item 20					
13.437 m ³ @ 5977.16/m ³ Hs =					80315 =
(28/32) providing RCCMB beam					
for HP column & walls					
Qty wide TMB P-13 Item 21					
7.50 m @ 3160.77/m Hs =					23766 =
Total Hs =					3056732 =
2844582 =					3054954 =
Add. Wt End L. Cess @ 19%					Rg = 580779 =
Add. S. Fee @ 10%					Hs = 87751 =
3472803 =					3263262 =
Less ben. On 19.99%					657873 =
6,94713 =					T = 2633140 =
Less provis. Amount dep-8					27,78,590 =
					2438634 =
Net Rs 2 =					194506 =
					3,39,956 =

M. S. 02/10/2024
02

V. P. W. 02/10/2024
02

M. S. 02/10/2024
02

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Material statement up to date.					
(i)	6110	1388	391.97	@145/m ²	20132 =
(ii)	630	53mm	9.5mm	31.05 m ²	931.75
				A ₁ = 8462 =	
(iii)	9.5mm	2.36	mm	36.432 m ²	429.92
				A ₁ = 1566 =	
	2.36	mm	below	54.65 m ²	144.25
				A ₂ = 792 =	
(iv)	W.B.M. hr-3	53mm	22.4mm		
				= 227.402 m ²	110.04 = 25016 =
Sinking material = 53m ³ @ 654.60 = 3469 =					
M.S.	stone Aggregate			15.06 m ³ @ 595.16	
				=	896 =
Bituminous emulsion (5%) 474 kg					
B. surface emulsion (5%) 153.08 kg					
S-90 Bituminous = 1060 kg					
wastage plastic = 85 kg					
(iv)	PCC M30 grade				
	coarse sand			214.60 m ³ @ 502.80	
				=	10790 =
	stone Aggregate			166 m ³ @ 901.46/m ³	
				=	14964 =
				Total =	86112 =
PCC M15 grade					
	coarse sand			7.45 m ³ @ 502.80 =	375 =
	40mm stone chip			7.45 m ³ @ 992.33 =	7392 =
	20mm stone chip			3.72 m ³ @ 1207.76 =	450 =
	10mm			1.25 m ³ @ 595.16 =	75 =
				S.F. total =	87750 =
11/10/2024					
02/10/2024					

Continuation