

Name of Work - Gitya rafigant Road to Bhaliganj Dham

^{Bigha}
Sakzen. mmmsy. NDB - BRRP-416 - Tekaji -
Shedule XLV Form No. 134.

E. E. R. W. D. TIKARI
DIVISION

A. E. R. W. D. SUB-DIVISION
M/S Maqshanti construction. Cureriy

Measurement Book

1025



Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2nd on A/c Bill					
Name of work- Construction & Maintenance of Road from Praya					
rafiang road to Aligun					
Dhang bigha					
Name of Agency - M/s. Shanti Const.					
Sriram bigha Gurua					
Agreement No - 14587/M/43/2023-2024					
Work start - 17/10/2023					
Work Completion - 16/10/2024					
Record Entry					
Date of Entry - 17/02/2024					
1/7 Construction of subgrade					
and earth shoulder					
1x 30.0x7.95x0.30 = 71.55 M ³					
1x 30.0x7.95x0.30 = 35.77 "					
Total Qty 107.32 M ³					
2/8 providing and laying					
Circular subbase					
do do all com job					
4x 30.0x4.05x0.20 = 97.20 M ³					
1x 30.0x $\frac{4.05+5.10}{2}$ x 0.20 = 27.45 "					
Total Qty 124.65 M ³					
3/9 providing laying spreading					
WBM Grt do do					
1x 30.0x $\frac{7.20+5.10+3.75}{3}$ x 0.075 = 12.03 M ³					
8x 30.0x 3.75x 0.075 = 67.50 "					

C10 79.530 M³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					BF 79.53 M ³
6x	30.0x	3.75x	0.075		50.62 "
1x	30.0x	$\frac{5.0+3.75}{2}$	x	0.075	9.84 "
1x	30.0x	3.75x	0.075		8.43 "
1x	30.0x	$\frac{5.10+3.75}{2}$	x	0.075	9.95 "
9x	30.0x	3.75x	0.075		75.93 "
7x	30.0x	3.75x	0.075		59.06 "
8x	30.0x	3.75x	0.075		67.50 "
6x	30.0x	3.75x	0.075		50.62 "
1x	15.0x	3.75x	0.075		4.21 "
1x	30.0x	3.75x	0.075		8.43 "
1x	30.0x	$\frac{4.50+3.75}{2}$	x	0.075	9.28 "
7x	30.0x	3.75x	0.075		59.06 "
4x	30.0x	3.75x	0.075		33.75 "
1x	30x	$\frac{4.60+3.75}{2}$	x	0.075	9.39 "
2x	30.0x	3.75x	0.075		16.87 "
1x	30x	$\frac{4.85+3.75}{2}$	x	0.075	9.67 "
2x	30.0x	3.75x	0.075		16.87 "
1x	30x	$\frac{4.60+3.75}{2}$	x	0.075	9.39 "
7x	30.0x	3.75x	0.075		59.06 "
5x	30.0x	3.75x	0.075		42.18 "
1x	30x	$\frac{5.10+3.75}{2}$	x	0.075	9.95 "
8x	30.0x	3.75x	0.075		67.50 "
1x	30x	$\frac{4.90+3.75}{2}$	x	0.075	9.73 "
6x	30.0x	3.75x	0.075		50.62 "
1x	30.0x	$\frac{5.80+3.75}{2}$	x	0.075	10.94 "
					total 838.18 M ³

17/02/24
J.E

Continuation

19/02/24
R.E

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Record Entry					
Date of Entry - 11/03/2024					
1/14 Construction of Unreinforced					
Concrete M30					
grade as per spec					
1x30.0x3.75x0.160=					18.0 M ³
1x30x $\frac{4.50+3.75}{2}$ x0.160=					19.80
7x 30.0x3.75x0.160=					126.0
4x 30.0x3.75x0.160=					72.0
1x30x $\frac{4.60+3.75}{2}$ x0.160=					20.04
2x 30.0x3.75x0.160=					36.0
1x30x $\frac{4.85+3.75}{2}$ x0.160=					20.64
2x 30.0x3.75x0.160=					36.0
1x30x $\frac{4.60+3.75}{2}$ x0.160=					20.04
5x 30.0x3.75x0.160=					90.0
Total Qty					458.52 M ³
Summed					
11/03/2024					
J.E					
2/03/24					
AE					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2nd on A/c Bill					
Name of work - Construction Maintenance					
of Road - from Gray 9					
rafigam Road to Aligam					
Dhama bisha					
Name of Agency - M/s Shanti Const.					
Sriram bisha Gurua					
Agreement No - 145 B D M M V S Y / 2023-2024					
D/Work Start - 17/10/2023					
D/Work Completion - 16/10/2024					
Abstract of cost					
Date of Entry					
1/ii) providing and fixing					
bench mark pillar					
3.0 Nos qty vide TMB P 18 Item (1)					
@ 4229.22 each Rs					12688 = 00
2/iii) providing and fixing					
reference pillar					
11.0 Nos qty vide TMB P 18 Item (2)					
@ 1953.28 each Rs					21494 = 00
3/2 Cleaning and grubbing					
road land d-d					
1.759 Hrc qty vide TMB P 18 Item (3)					
@ 72639.35 Hrc Rs					127774 = 00
4/25 Earthwork in excavation					
120.795 M ³ qty vide TMB P 18 Item (4)					
@ 383.28 M ³ Rs					46298 = 00
Clors					208254 = 00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
					208254=00
5/26 providing pcc mix in foundation & de					
221824 ³ qty vid TMSP 10/14m (5)					
@ 5966.88/m ³ x 132357=00					
6/27 providing pcc mix in structure & de					
105.371 ³ qty vid TMSP 10/14m (6)					
@ 6946.24/m ³ x 731931=00					
7/28B providing and laying Nps 600mm d					
30.04 qty vid TMSP 19/14m (7)					
@ 3191.29/m x 95730=00					
8/28A providing and laying Nps 1000mm d					
15.04 qty vid TMSP 19/14m (8)					
@ 7546.52/m ³ x 113198=00					
9/3 Excavation in soil using hydraulic excavator					
897.571 ³ qty vid TMSP 19/14m (9)					
@ 10017/m ³ x 89910=00					
10/4 Construction of embankment with approved material obtained from Roadcutting					
538.541 ³ qty vid TMSP 19/14m (10)					
@ 58.56/m ³ x 31537=00					
					C10H 1402926=00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BFB	1402926=00
1/5 Construction of embankment with approved Material					
23.37 M ³ Qty vide ITM DP20 Item (11)					
@ 171.09/M ³ Rs 243524=00					
1/6 Construction of embankment with approved Material up to 1000 M / pad -					
135.055 M ³ Qty vide ITM DP20 - (12)					
@ 253.57/M ³ Rs 541386=00					
3/7 Construction of subgrade and earthen shoulder					
65.25.90 M ³ Qty vide ITM DP20 - (13)					
107.32 M ³ Qty vide ITM DP20 Item (1)					
@ 6633.22/M ³ Rs 704273=00					
14/31 Earth work in excavation for foundation etc.					
60.10 M ³ Qty vide ITM DP20 Item (14)					
@ 383.28/M ³ Rs 23035=00					
15/32 providing pcms in open foundation					
9.87 M ³ Qty vide ITM DP20 Item (15)					
@ 5933.88/M ³ Rs 58567=00					
16/35 Supply fitting and placing Hydrant					
5.306 M ³ Qty vide ITM DP20 Item (16)					
@ 81949.62/M ³ Rs 434825=00					
					C/OB 4408536=00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		13F	44	08	536=00
17/34 providing rock H25 in structure do do					
84.612 M ³ city vide MIS p21 Item (17)					
@ 763.19/M ³ is					648398=00
18/42 Construction of embankment for diversion work					
202.501 M ³ city vide MIS p21 Item (18)					
@ 171.09/M ³ is					34346=00
19/36 providing weep holes do do at Com Job					
44.0 Nos city vide MIS p21 Item (19)					
@ 87.95/each is					3850=00
20/41 providing and fixing Drainage spout					
2.0 Nos city vide MIS p21 Item (20)					
@ 303.61/each is					607=00
21/43 providing and laying cement concrete work					
1.92 M ³ city vide MIS p21 Item (21)					
@ 16878.39/M ³ is					32407=00
22/38 providing and laying filter media do do at Com Job					
27.0 M ³ city vide MIS p21 Item (22)					
@ 2416.30/M ³ is					65240=00
					104 5193684=00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			BEK 5193		684=00
23/37 Back filling behind					
Abt wing wall					
7.50M ³ Qty vid TMSP22 Item (23)					
@ 971.23/M ³ Rs 65558=00					
7/47 Cable duct pipe zoom					
do do all com job					
10M Qty vid TMSP22 Item (24)					
@ 10827.50/M ³ Rs 86620=00					
5/8 providing and laying					
granular sub base					
935.175M ³ Qty vid TMSP22 Item (25)					
24.65M ³ Qty vid TMSP24 Item (2)					
059.825M ³ Qty vid TMSP24 Item (2)					
mit 2.054.76M ³					
@ 2148.34/M ³ Rs 4414323=00					
26/9 providing laying					
spreading and					
compacting WBM/MTT					
838.18M ³ Qty vid TMSP25 Item (3)					
@ 3204.91/M ³ Rs 2686291=00					
27/14 construction of un					
reinforced cement					
concrete M30 grade					
do do all com job					
458.52M ³ Qty vid TMSP26 Item (1)					
@ 7068.55/M ³ Rs 3241072=00					
Clay 15687548=00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		BFH	15687	548	=00
Add GST 18% (H)			28237	59	=00
Add LCSS 1% (H)			15687	5	=00
Add s. fee (H)			32840	6	=00
Total Rs			18996	588	=00
Less 10% below (-)			18996	59	=00
		Rs	17096	929	=00
Less previous bill (-)			103290	34	=00
Total Rs			67678	95	=00

Material statement (This bill)

Earth Work - 107.32 M³@ 35.01/M³ Rs 3757=00Stone chips. 53-9.5mm 74.79 M³@ 915.67/M³ Rs 68483=00chips - 9.5-2.36mm - 25.91 M³@ 424.21/M³ Rs 12688=00Local sand. 44.87 M³@ 262.42/M³ Rs 11775=00Stone Metal - 53-22.4mm 1014.19 M³@ 1080.50/M³ Rs 1095832=00Screening 201.16 M³@ 424.21/M³ Rs 85334=00

Total 1277869=00

10% SF = 127787=00

1st bill SF = 200619=00

Continuation

Net SF - 328406=00

Jhy
9/03/24
RE