

Agency - ~~Sumit Kumar~~ 64(SBD)/2020-21
Ag No 64(SBD)/2020-21

Mangal Soren House Chadi to Lachhuar Phusap Rd to
Munda Tudu House Rd. Length:- 0.71 km

Schedule XIV-Form No. 134

Head. MMHS (SC)

P. W. D (w) Jampur

DIVISION

Khagda

SUB-DIVISION

MEASUREMENT BOOK

-2810

2810.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Work - Construction of Mangal Soren house Cradi to Laelhuwan PMSY Rd to Nunuwg Tudu house.					
Agreement No - 64(SBD)/2020-21					
Name of Agency - Sumit Kumar, AT- Chitragupt Colony, Sirchanda Odawada P.O. P.S + Dist - Jharkhand					
Agg. Construction cost ₹ 56,33,205/-					
Agg. Maintenance cost ₹ 4,40,467/-					
					₹ 60,73,672/-
Date of Commencement of work - 05/11/2020					
Date of completion of work - 04/08/2021					
Date of Re-measurement -					

Description of item

① construction of reinforcement plain cement thickness as per design over a prepared sub base with 43 grade - do - do - all complete job				
2 x 30 x 3.75 x 0.160 =				36.00 M ³
1 x 10 x $\frac{3.75 + 4.30 + 3.80}{3}$ x 0.160 =				6.32 M ³
5 x 30 x 3.75 x 0.160 =				90.00 M ³
4 x 30 x 3.75 x 0.160 =				72.00 M ³
1 x 10 x 3.75 x 0.160 =				6.00 M ³
1 x 10 x $\frac{6.40 + 3.75}{2}$ x 0.160 =				8.12 M ³
				Qty 218.44 M ³
01/08/21 SE				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B1F Qty	117.08 M ³
	2x	5x	30x	1.30x0.175	68.25 M ³
	2x	2x	30x	$\frac{1.20+0.80}{2} \times 0.175$	$\frac{21.6 \text{ M}^3}{42.6 \text{ M}^3}$
	2x	2x	30x	$\frac{1.10+1.45}{2} \times 0.175$	13.39 M ³
	2x	2x	30x	1.39x0.175	29.19 M ³
	2x	3x	30x	$\frac{1.40+0.80}{2} \times 0.175$	$\frac{34.65 \text{ M}^3}{198.0 \text{ M}^3}$
	2x	1x	30x	$\frac{1.00+0.85}{2} \times 0.175$	9.71 M ³
	2x	2x	30x	$\frac{0.90+1.20}{2} \times 0.175$	11.03 M ³
	2x	1x	20x	1.10x0.175	7.70 M ³
Adjacent Side of pge					975.36 M³ 312.00 M ³
	2x	5x	30x	1.22x0.160	58.56 M ³
	2x	3x	30x	$\frac{1.30+1.15}{2} \times 0.160$	35.28 M ³
	2x	5x	30x	1.22x0.160	57.60 M ³
	2x	2x	30x	$\frac{1.05+0.80}{2} \times 0.160$	17.76 M ³
	2x	1x	30x	$\frac{1.00+1.35}{2} \times 0.160$	11.28 M ³
	2x	2x	30x	1.22x0.160	23.92 M ³
	2x	3x	30x	$\frac{1.30+0.80}{2} \times 0.160$	30.24 M ³
	2x	1x	30x	$\frac{0.90+0.75}{2} \times 0.160$	7.92 M ³
	2x	1x	30x	$\frac{0.80+1.00}{2} \times 0.160$	8.64 M ³
	2x	1x	20x	1.00x0.175	7.00 M ³
					258.20 M ³
Total Qty of shoulder	= (A+B) =				570.20 M ³
Deduct Qty of Hard shoulder	=				88.75 M ³
(for Box cutting)					
Net Qty =					481.45 M ³
Qupte 28/08/2024					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	ABSTRACT OF COST				
(1) Providing and fixing of working benchmark Pillar - do - do - all complete job as per Est					
Qty vide Page No (6) in TMB item No (1)		0.710 km			
@ 32012 = 22/MT					Rs 22,729 = 00
(2) cleaning and grubbing Road Land - do - do - all complete job					
Qty vide Page No (6) in TMB item No (2)		0.249 Hg			
@ 51133 = 78/Hg					Rs 12,732 = 00
(3) construction of embankment with approved material for 1000M lead - do - do - all complete job					
Qty vide Page No (7) in TMB, item No (3)					
Qty vide Page No (13) in TMB item No (2)					
@ R 175 = 22/M ³		Qty 835.88 M ³			Rs 1,46,323 = 00
(4) construction of earthen shoulder with approved material - do - do - all complete job					
Qty vide Page No (16) in TMB item No (14)		481.45 M ³			
@ 176 = 86/M ³					Rs 85,149 = 00
(5) construction of G.S.B cut - do - do - all complete job					
Qty vide Page No (17) in TMB item No (4)		290.43 M ³			
@ Rs 1592 = 96/M ³					Rs 4,62,626 = 00
					Rs 7,29,559 = 00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B/F RS-72		75.59 = ∞
(6/5) construction of WBM Cr 14					
do-do-all complete job					
Qty vide Page No ③ in TMB					
16 M No ⑤					
@ B 2087 = 18/M ³		201.68 M ³			R 420942 = ∞
(7/7) construction of un-reinforced					
Cement (P.C.C) — do — do — do					
complete job					
Qty vide Page No ⑦ in TMB					
16 M No ⑥					
Qty vide Page No ⑩ in TMB					
16 M No ⑦					
Qty 430.37 M ³					
Limit Qty = 430.26 M ³					
@ B 6859 = 13 M ³					RS- 2957209 = ∞
(8/8) Laying brick soling over on prepared					
Sub grade with brick — do — do — do					
complete job					
Qty vide Page No ④ in TMB					
16 M No ③					
@ 504 = 69/M ³		710.6 M ³			R 358330 = ∞
(9/9) Plv and laying of a R.C.C pipe					
dust 300 mm dia — do — do — do					
complete job					
Qty vide Page No ⑧ in TMB					
16 M No ④					
22.50 M ³					
@ 1574 = 63/M ³					R 35429 = ∞
(10/10) Plv and fixing of KH stone					
Qty vide Page No ⑨ in TMB					
2 M ³					
@ 1944 = 80/M ³					R 3890 = ∞
(11/10) Plv and fixing of 200 M stone					
Qty vide Page No ⑭ in TMB					
3 M ³					
@ 492 = 01/M ³					R 1478 = ∞
					R - 4500835 = ∞

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BIF RS-46	77,657=0
(18/14) Plv and erecting direction and place identification setw					
Sign Board					
Qty vide Page No (13) in TMB					
ITEM NO (11)					
@ B 11627=41 No		3 No			Rs 34882=0
(18/15) Plv and fixing of HHC sy					
information logo & citizen board					
-do-do-all complete job					
Qty vide Page No (8) in TMB					
Qty vide Page No (13) in TMB					
@ Rs 9265=01 No					Rs 46330=0

(20/16) B/w in excavation for foundation of structure -do-do-all complete job

Qty vide Page No (8) in TMB
ITEM NO (9)

@ 294273/M3 89,39 M3 Rs 26,346=0

(20/17) Providing R.C.C M15 as levelling course in open foundation

Qty vide Page No (8) in TMB

ITEM NO (10)
@ 4629=32 No 13.78 M3 Rs 63,792=0

(22/18) Plv Plain / R.C.C M20 in slab structure complete

Qty vide Page No (9) in TMB

ITEM NO (11)
@ Rs 5686=55 M3 107.12 M3 Rs 609,143=0

Rs 5458,150=0

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			BIFRS - 54,58,150 = ∞		
(23/19) Plv and laying of R.C.C. Pipe					
MP ₃ for Culvert					
Qty vide Para No (11) in TMB					
ITEM No (12)					
@ Rs 3389541/MT 22.50 MT				R	76262 = ∞
(28/22) Plv painting on Parapet					
wall painting two coats include					
primer - do - do - all complete					
job					
Qty vide Para No (11) in TMB					
ITEM No (13)					
@ 97 = 191 MT				R	6018 = ∞
				B	5540430 = ∞
				R	5540430 = ∞
Add C.C.S @ 14. (14)				R	5540430 = ∞
				R	6260686 = ∞
Add signboard fee @ 104. (15)				R	61882 = ∞
of construct cost				RS-	63,22,568 = ∞
Less 11% as per Agreement (16)				R	63,22,568 = ∞
				R	702437 = ∞
				R	56,90,311 = ∞
Total				R	56,20,131 = ∞
Less previous payment (17)				R	33,87,484 = ∞
Endp				R	22,32,647 = ∞
Dubte					
29/12/22					
5/1/23					