

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

Mangal Soren House Chadi to Lachhwar Phusap Rd to
Mumuda Tudu House Rd. Length:- 0.71 km

Schedule XLV-Form No. 134

Head-MHUSP (SC)

P. W. D (W) Jammu

DIVISION

Lkhajga,

SUB-DIVISION

MEASUREMENT BOOK

-2810

2810.

1.

Name of work -

Situation of work -

Agency by which work is executed -

Date of measurement -

No. and date of agreement.

(These four lines should be repeated at the commencement of the measurements relating to each work).

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work - Construction of Mangal					
Soren house Road to Lachhwar PHU 4 Al					
to Nunuwa Tudu house.					
Agreement No - 64(SBD)/2020-21					
Agency - Summit Kumar, At-Chitragupt					
Colony, Sirchand, Nawada, P.O+P.S+Dist-Jamui					
Date of Commencement of work - 05/11/2020					
Date of Completion of work - 04/08/2021					
Ag construction cost ₹ 56,33,205/-					
Ag. Maintenance cost ₹ 4,40,467/-					
₹ 60,73,672/-					
Date of Record measurement					
Description of item					
① Providing and fixing of working bench					
mark Pillar & reference Pillar -do-do					
- all complete job					
0.710 KM					
② Clearing and grubbing Road land					
including uprooting wild vegetation					
grass, bushes, Shrub, etc. do					
-do-all complete job					
Continuation					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ Construction of C.S.B. No-1 by providing well graded material spreading in uniform layer - do - do - all complete job as per E11					
	1	10	$\frac{5.80+4.25}{2}$	0.100	4.93 M ³
	3	30	4.05	0.100	36.45 M ³
	1	10	$\frac{4.10+5.00+4.05}{3}$	0.100	4.38 M ³
Chupki A1	5	30	4.05	0.100	60.75 M ³
	5	30	4.05	0.100	60.75 M ³
	1	10	$\frac{4.05+4.60+4.10}{3}$	0.100	4.25 M ³
	5	30	4.05	0.100	60.75 M ³
	4	30	4.05	0.100	48.60 M ³
	1	10	4.05	0.100	4.05 M ³
	1	10	$\frac{7.00+4.05}{2}$	0.100	5.52 M ³
Subt 20.07/2021 S.E.					Qty 290.43 M ³
⑤ WBM No-III Dry laying spreading and compacting stone Agg. of specific size to WBM - do - do - all complete job as per E11					
	1	10	$\frac{5.50+3.75}{2}$	0.075	3.47 M ³
	3	30	3.75	0.075	25.31 M ³
	1	10	$\frac{3.80+4.70+3.75}{3}$	0.075	3.06 M ³
Chupki A1	5	30	3.75	0.075	42.18 M ³
	5	30	3.75	0.075	42.18 M ³
	1	10	$\frac{3.75+4.30+3.80}{3}$	0.075	2.96 M ³
					Qty 119.16 M ³

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1000 MM dia H.P.					
⑨ Elw in excavation for foundn of structure - do - do - all complete job					
H.W	3 x 2	6.450	1.40	1.50	81.27 M ³
Below pipe -	3 x 1	4.850	1.530	0.365	8.12 M ³
				Qty	89.39 M ³
⑩ Plr M15 P.C.C as levelling course in foundation					
H.W -	3 x 2	6.450	1.40	0.150	8.13 M ³
Below pipe -	3 x 1	4.931	1.53	0.250	5.65 M ³
					13.78 M ³
1) Plr plain / P.C.C M-20 in substructure complete as per design					
H.W -	3 x 2	6.150	$\frac{1.25 + 0.400}{2}$	$\times 3.18$	96.80 M ³
Parapet	3 x 2	6.150	0.400	1.00	14.76 M ³
				Qty	111.56 M ³
Less for pipe -	3 x 2	0.7157	0.237	0.622	4.44 M ³
				Qty	107.12 M ³
⑪ Providing and laying of R.C.C pipe NPS for culvert on first class bedding - do - do - all complete job					
		3 x 3	2.50	Mtr	
		=	22.50	Mtr	

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(15) painting on parapet wall two coat including primer coat — do — all complete job					
Top -	3x2	6.150	x 0.400 =		14.76 M ²
Side -	3x4	6.150	x 0.600 =		44.28 M ²
Front -	3x4	0.400	x 0.600 =		2.88 M ²
				Qty	61.92 M ²
Sub to 26/07/2024 JE					
				Aty 27/10/2024 A.V.	

ABSTRACT OF COST

(1) providing and fixing of concrete bench mark pillar and reference Pillar.				
Qty vide page no ① in TMB				
IBH NO ①	0.710 KM			
② 320/2 = 160/KM				Rs 22,729.00
(2) clearing and grubbing Road Land				
Qty vide page no ② in TMB				
IBH NO ②	0.249 Hg			
	0.249 Hg			
③ 51133 = 76/Hg				Rs 12,732.00
				Rs 12,783.00
				Rs 35,512.00
				35,461.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				31F	35,461 = ∞
(3) construction of embankment with material obtained from borrow pits with a lift upto 1.5m — do — do — all complete job for 1000m length					
Qty vide Page No (2) in TMB					
item No (3) 647.35 M ³					
@ 175 = 221 M ³				R	1,13,429 = ∞
(4) construction of C.S.B 622 — do — do — all complete job					
Qty vide Page No (3) in TMB					
item No (4)					
290.43 M ³					
@ 1592 = 40 M ³				R	4,62,626 = ∞
(5) construction of WBM 622 — do — do — all complete job					
Qty vide Page No (4) in TMB					
item No (5)					
201.68 M ³					
@ 2087 = 18 M ³				R	4,20,542 = ∞
(6) construction of un-reinforced plain cement thickness as per design — do — do — all complete job					
Qty vide Page No (4) in TMB					
item No (6)					
211.93 M ³					
@ B 6859 = 13 M ³				R	14,53,655 = ∞
				R	24,86,113 = ∞

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B/F B	24,86,113 = ∞
(7/9) Plv and laying of 4 R.C.C pipe					
dia 300 MM dia — do — do.					
all complete job					
Qty vide Page No (4) in MB					
item No (7) 22.50 MB					
@ 1574 = 63/MB				B	35,429 = ∞
(8/15) Plv and fixing of typical					
MMCSY Informetry Sign Board					
— do — all complete job					
Qty vide Page No (4) in MB					
item No (8) 3 MB					
@ 9266 = 03/MB				B	27,798 = ∞
(9/16) E/w in excavation for foundn					
of str.					
Qty vide Page No (5) in MB					
item No (9) 89.39 MB					
@ 294 = 73/MB				B	26,346 = ∞
(10/17) Plv R.C.C H/S as levelling					
course in foundn.					
Qty vide Page No (5) in MB					
item No (10) 13.78 MB					
@ 4629 = 32/MB				B	63,792 = ∞
				B	26,39478 = ∞

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			BIF RS-	26,394.78	sqm
11/18 Plv Plain R.C.C. M20 in substructure completely as per drawing.					
Qty vide Page No (5) in TMB					
item No (1)		107.12 M ³			
@ 5686 = 551 M ³				Rs	6,09,143 = 00
12/19 Plv and laying R.C.C. NP ₃ pipe for culvert on first class bedding of do-do. all complish					
Qty vide Page No (5) in TMB					
item No (12)		22.50 Mtr			
@ 3389 = 411 Mtr				Rs	7,62,62 = 00
13/20 Plv painting two coat include primer coat after filling the surface					
Qty vide Page No (6) in TMB					
item No (13)		61.92 M ²			
@ 97 = 19 / M ²				Rs	6,018 = 00
				R/-	33,30,901 = 00
Add Cr. S. T @ 12 %			Rs -	3,99,708 = 00	
Add L. cess @ 1 %			R/-	33,309 = 00	
			Rs	37,63,918 = 00	
Add. Seigniorage fee @ 10% of construction cost			Rs	4,69,54 = 00	
			Rs	38,10,872 = 00	
Less - 11.11 % as per Agreement (-)				42,33,88 = 00	

Dupto
26/07/2021
S.E

Contd
26/07/21
Continuation

Rs 33,87,484 = 00

Asy
27/07/21
A-2