

Sent. Gulabi Kumari

Ag 240.. 52(SBD)/2020-21

Barhat-Kundla PMHS Road to Boardadli

Schedule XLV From N. 134

Kodasi Road in Barhat Block

P.W.D.

Head. MMHS (ST) (S.T.)

MMHS

R. W. D. Jamui

DIVISION

Barhat.

SUB DIVISION

MEASUREMENT BOOK

MB. 2699.

Test. on a/c Bill

Construction of rd. from
Bachat-Kunder PMS rd.
to Barnadih Korase' under
Name of work
Situation of work - Block: Bachat.
Agency by which work is executed Smt. Gulabi Kumar
Date of measurement 12-10-20
No. and date of agreement 52 (SPD) 20-2-1
20-8-20
(These four lines should be repeated and the commencement of
the measurement relating to each work.) 20-8-20
19-8-21

[illegible]

(Continuation)

Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
<u>5</u> <u>32</u> Plain Reinforcement Cement					
Concrete 11-20 in					
Sub-structure					
do - all complete.					
Formwork	4x2	6.15	0.40	100	19.68
H.W.	4x2	6.15	$\frac{1.25+0.4}{2}$	3.18	$\frac{129.08}{32.27}$
	1				51.95 M ³
					148.76
Less for Pipe	4x2	0.786	$(1.23)^2$	0.602	55.92
					142.84 M ³
<u>6</u> <u>33</u> Bonding & Laying of					
Rein. H.P. of 1000 mm					
do - all complete					
	4x3	2.50			30.0 M

Each work Quantity sheet

Sl. no	Chain m	Area m ²	Area m ²	Distance m	Volume in m ³
1.	0	0.620	-	-	-
2.	100	1.560	1.090	100	109.00
3.	200	1.120	1.340	100	134.00
4.	300	1.190	1.155	100	115.50
5.	400	1.010	1.100	100	110.00
6.	500	0.980	0.995	100	99.500
7.	600	0.490	0.735	100	73.500
8.	700	1.210	0.850	100	85.000
9.	800	0.790	1.000	100	100.00
10.	900	0.870	0.840	100	84.00
11.	1000	0.870	0.880	100	88.00
12.	1100	1.130	1.00	100	100.000

(Continuation)

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Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
<i>SL no.</i>	<i>chain</i> <i>in ft</i>	<i>Area</i> <i>in ft</i>	<i>Area</i> <i>in ft</i>	<i>Area</i> <i>in ft</i>	<i>Volume</i> <i>m³</i>
13.	1200	1.110	1.120	100	112.00
14.	1300	1.470	1.290	100	129.00
15.	1400	1.040	1.255	100	125.50
16.	1500	0.470	0.755	100	75.50
17.	1600	0.890	0.680	100	68.00
18.	1700	0.980	0.935	100	93.50
19.	1800	0.870	0.925	100	92.50
20.	1900	1.230	1.050	100	105.00
21.	2000	0.470	0.850	100	85.00
22.	2030	1.550	1.025	30	30.75
					2015.250 <i>m³</i>
<i>Leak</i>					- (A)
23	0	0.560	-	-	-
24	100	1.470	1.015	100	101.50
25	200	1.120	1.295	100	129.50
26	220	1.010	1.065	20	21.300
					232.30
					- (B)
Total (A+B) =					= 2267.55 <i>m³</i>
E/w in Subgrade.					- (i)
1 x 820 x 7.80 x 0.30					= 1918.80 <i>m³</i>
E/w in embankment,					(ii)
Total E/w - Subgrade					
= 2267.55 - 1918.80 =					348.75 <i>m³</i>
for 1000M lead.					
348.75 <i>m³</i> x 57% =					198.79 <i>m³</i>
for 100M lead					(A)
348.57 <i>m³</i> x 43% =					149.96 <i>m³</i>
(Continuation)					- (B)

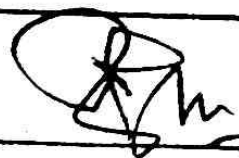
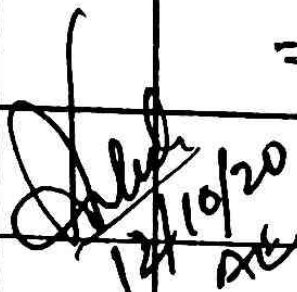
Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
⑦ ③ Construction of embankment materials obtained from borrow pits.					
Qty. vide TMB Page ③					
				2 (A) =	198.79 m ³
⑧ ④ Construction of embankment					
— do — all complete.					
Qty. vide TMB Page ③ & ④					149.96 m ³
⑨ ⑥ Construction of Subgrade with approved soil					
— do — all complete					
Qty. vide TMB Page ③ & ⑥					
				1918.80 x 80'.	1535.04
				allowance	17 m ³

⑩ ⑦ GSB - gr 1: Construction of GSB by spreading well graded material					
— do — all complete.					
				1 x 820.0 m x 4.5 m x 0.20 =	664.20 m ³

⑪ ⑧ WBM - gr ②: Spreading, laying & spreading of stone aggregates — do — all complete.					
				1 x 820.0 m x 3.75 x 0.075 =	230.63 m ³
				1 x 1430 m x 3.75 x 0.075 =	402.19 m ³
					632.82 m ³

⑫ ⑫ GSB - gr ①: Construction of GSB.					
				1 x 1430 m x 3.75 x 0.10 =	536.25 m ³

(Continuation)

Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
$\frac{13}{13}$ Construction of un-re- inforced PCC - 11-30 grade — do — all complete. 					
	1 x 220m x	3.75 x	0.16 =		132.00
	1 x 830m x	3.75 x	0.16 =		498.00
					630.00 M3
$\frac{14}{29}$ Framing & fixing of typical 11485 board informatory - do - all complete. 3 no.					3 no
 12/10/20 JG				 12/10/20 AK	

ABSTRACT OF COST (1st. Bid).

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Particulars	Details of actual measurement				Contents or area
	No	L	B	D.	
① Providing & laying of each mass reference city wide TMB Page ①					
2.250 Km ² @ Rs 32733.92 / Km ² = Rs					73651.00
② Clearing & grubbing soil & ad. city wide TMB Page ①					
0.788 Hrs @ Rs 51133.76 / Hrs = Rs					40293.00
③ Construction of subbase with approved material city wide TMB Page ④					
198.79 m ³ @ Rs 175.22 / m ³ = Rs					34832.00
④ Construction of subbase city wide TMB Page ④					
149.96 m ³ @ Rs 135.12 / m ³ = Rs					20263.00
⑤ Construction of subgrade city wide TMB Page ④					
1535.04 m ³ @ Rs 176.86 / m ³ = Rs					271487.00
⑥ Construction of G.80-grt city wide TMB Page ④					
664.20 m ³ @ Rs 1673.37 / m ³ = Rs					1111452.00
⑦ Providing, laying, spreading worn. grt ② city wide TMB Page ④					
632.82 m ³ @ Rs 2226.09 / m ³ = Rs					1408714.00
⑧ Constn of G.80-grt ① city wide TMB Page ④					
536.25 m ³ @ Rs 1673.37 / m ³ = Rs					897845.00

(Continuation)

Rs 38,58,037.00

(C.O.)

BP Rs 38,58,037 = u

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Particulars	Details of actual measurement				Contents or area
	No.	L.	B.	D.	
(9/13) Construction of PCC-U-20 do all complete. Qty. vide TMB Page 5 630.0 m ³ @ Rs 7232.54 / m ³ = Rs 4,556,500 = u					
(10/29) Provision & laying MMSY Typical Singn board. Qty. vide TMB Page 5 3 no. @ Rs 9336.20 / each = Rs 28,009 = u					
(11/30) E/m excavation in fair Qty. vide TMB Page 1 119.19 m ³ @ Rs 294.73 / m ³ = Rs 35,129 = u					
(12/31) Provision PCC-U-15 in fair Qty. vide TMB Page 1 18.38 m ³ @ Rs 4907.78 / m ³ = Rs 90,205 = u					
(13/32) Plain/Reinforced Cement Concrete U-20 in S/S Qty. vide TMB Page 2 142.84 m ³ @ Rs 6052.64 / m ³ = Rs 8,64,559 = u					
(14/33) Provision & Laying RCC House floor NP3 Qty. vide TMB Page 2 30.0 m ³ @ Rs 3385.56 / m ³ = Rs 1,01,567 = u Rs 95,34,006 = u Add 12% GST (H) Rs 11,44,081 = u Add 1% Labours Cons (A) Rs 95,340 = u Rs 1,07,73,427 = u Less 15% as per agreement (C) Rs 16,16,014 = u Rs 91,57,413 = u					

Continuation

12/11/20
JC

12/10/20
NE