

3rd and final bill

Sch. XLV—Form No. 134

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work: Const of road from Ribi Bantawa to Dillampur					
Agency: Rajesh Kumar, Joint Engineer					
Agreement No. 14580/2017-18					
Date of start, 13/02/2019					
Date of Schedule Completion 18/07/2020					
Date of Actual Completion 25/11/2022					
Reward measurement					
1	Box culvert (4x2m x 2m)				
Earth work in excavation					
Raft	4 X	2.50 X	5.20 X	0.58	30.16 m ³
ch	4 X	2.00 X	6.50 X	1.50 X 0.58	45.24 m ³
pitching	4 X	8.50 X	1.50 X	0.60	30.60 "
D/S	4 X	8.50 X	2.20 X	0.60	44.88 "
Site clear	4 X	2.80 X	5.00		76.00 "
Total :					226.88 m ³
2 Sand filling in foundation					
Raft	4 X	5.20 X	2.50 X	0.20	10.40 m ³
3 providing P.C.C min. in foundation					
	4 X	5.20 X	2.50 X	0.15	7.80 m ³
	4 X	2 X	6.50 X	0.50 X 0.20	7.00 m ³
				0.30	3.90 m ³
					14.70 m ³
4 Supplying, fitting and plying HYSD reinforcement					
10 mm ϕ bar					
	4 X	2 X	2 X	12 X 1.38	264.96 m
	4 X	4 X	2 X	11 X 2.55	1249.60 m
	4 X	2 X	2 X	6 X 6.50	624.00 m

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	4x4	2x13	2.25		936.00m
	2x2	40	2.50		800.00m
	4x2	11	6.00		528.00m
	4x2	30	2.50		600.00m
	4x2	40	3.80		1216.00m
	2x4	11	6.00		1056.00m
	4x2	40	1.40		448.00m
	4x2	4	0.40		54.40m
	4x2	4	1.25		40.00m
	4x	40	2.50		400.00m
	4x2	11	6.00		528.00m
	4x2	2x12	1.00		192.00m

	4x2x2x4x	2.50			160.00m
					9056.96m
Machalacm Slab lower side					
12mm ϕ bar					
	4x	40	2.50		400m
Hunter bar & Angles					
	4x2x	40	1.15		368.00m
	4x2x	40	1.40		448.00m
	4x2x	40	1.15		368.00m
					1184.00m
Total length of Reinforcement					
					473.60kg
Total length of reinforcement					
					5612.8kg
					8096.28kg
Total length of 12mm ϕ bar					
					356.00kg

Continuation

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Particulars	Details of actual measurement						
	No.	L.	B.	D.			
Total weight of HYSD bar					6442.4		
Say					6.44M		
5 providing RCC nos in column							
Ratio	4	6.00	2.50	0.25	15.00		
of 1/2 lbs	4	2.00	6.50	0.85	0.30	13.26	
Ratio	4	2.00	6.00	2.00	0.25	24.00	
lbs	4	4.00	2.00	$\frac{(0.30+0.25)}{2}$	0.25	19.80	
Ratio	4	6.00	6.00	$\frac{1}{2}$	0.15	0.15	1.08
Ratio	4	6.00	2.50	0.25	15.00		
Ratio	4	2.50	0.60	0.25	3.00		
Total					91.14		
6 providing steel plate							
	4	2	5	12	80		
7 providing steel filling							
	4	2	6.00	2.00	0.60	57.60	
8 providing and laying bottom							
approx	4	2	9.4	3.00	0.35	25.60	
9 providing and laying 3 nos							
1/4" P	7	2	2	2.50	52.50		
by 1/4"							
26/05/20							
JK							
Reckindh							
26/05/20							
SE							

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
<u>Second measure</u>					
1. Const. of B.M.					0.250 m ²
2. Const. of R.P. base					0.250 m ²
3. Construction of granular sub-base					
	1 X	30.00 X	4.050 X	0.100	12.15 m ²
	2 X	3 X 30.00 X	0.375 X	0.100	6.75 m ²
		25.00 X	4.050 X	0.100	8.57
	Total :				20.93 27.47 m ²
1 cu. culvert large					
	4 X	2 X	4.050 X	0.100	12.24
	Total				24.17 m ²
4. Providing, laying, & finishing					
and Compacting W.B.M. Cr. 3					
	8 X	30.00 X	3.75 X	0.075	67.50 m ²
	1 X	30.00 X	3.75 X	0.075	8.44 "
	1 X	2.00 X	3.75 X	0.075	0.56 "
1 cu. culvert	4 X	2.00 X	3.75 X	0.075	12.25 "
	Total				74.25 m ²
5. Prim & fixing masonry					
in foundation & base					3 m
6. Prim & fixing					
Maintenance					2 m
by					
01/10/12					
Checked					
01/10/12					

Abstract of work

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Particulars	Details of actual measurement				Contents & area
	Fig	L	B	D	
+ Const. of working 1 m side					
Time figs. 11 + 17 = 1.95 km					
0.20 km (Time) 2.15 km					
Rs 12288.70/km					Rs 26421
$\frac{3}{2}$ Const. of R. side Time by					
no. 11 + 17 = 1.95 km + 0.20 km					
Total: 2.15 km @ Rs 12288.70/km					Rs 26988
$\frac{3}{2}$ clearing & grubbing value					
Time figs 11 = 0.65 km @ Rs					
49809.12/km					Rs 32376
$\frac{4}{4}$ Const. of embankment - land up					
side Time figs. 11 = 0.65 km					
to 100 m @ Rs 187.70/m					Rs 120646
6.95 km @ Rs 187.70/m					
$\frac{5}{5}$ Const. of 1st & 2nd grade cut					
cutting side Time					
figs 19 = 1.2 + 15 km = 16.2 km					
16.2 km @ Rs 189.80/m					Rs 309976
$\frac{6}{6}$ Const. of embankment - land up					
up to 100 m side Time figs 22					
= 1720.40 m @ Rs 162.25/m					
@ Rs 143.08/m					Rs 232103
$\frac{7}{7}$ Excavation for road way					
side Time figs. 12 = 168.40 m ²					
Time figs 19 = 50.40 m ² Total					
218.40 m ² @ Rs 82.00/m ²					Rs 17899

Continuation

Rs 7,76,409

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
8 Laying brick sally with TMA					
kg no 19 = 187.57 m ² @ Rs					
499 = 47/m					Rs 93651
9 Const. of G.S.D. vide TMA					
kg no. 12 = 1011.91 m ² + TMA					
kg no. 17 = 24.17 m ² Total:					
1036.08 m ² @ Rs 3406 = 1/4 th Rs.					3528888
10 Prov. Laying, spreading stones					
G.S.D. vide TMA kg no 12 = 534.37 m ²					
+ TMA kg no 17 = 74.25 m ²					
Total 608.62 m ² @ Rs					
to 608.41 m ² @ Rs 4231 = 1/4 th Rs.					2574521

11 Prov. & applying plaster coat -
vide TMA kg no 18 = 7196.29 m²
rest to 7196.29 m² @ Rs.
52 = 68 1/4th Rs 379098

12 Prov. & applying thick coat
TMA kg no 18 = 7196.29 m² rest to
to 7196.29 m² @ Rs 19 = 26 1/4th Rs 137161

13 Prov., and laying brick
Carpeting vide TMA kg no 18 =
7196.29 m² rest to 7196.29 m²
@ Rs 259 = 27 1/4th Rs 1865772

14 Const. of Un-reinforced p.c.c
vide TMA kg no 19 = 157.50 m³ @
Rs 8267 = 53 1/4th Rs 1252843

Continuation

12 to 10608743

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
24 Prov. of filling rectangular cut					
vide TMD figs 20: 2 nos. @ Rs					
4670: 20/Each				Rs	9340~
25 Prov. of filling octagonal cut					
vide TMD figs 20: 2 nos. @ Rs					
8818: 89/Each				Rs	17638~
26 Prov. of laying 3 rounds of					
vide TMD figs 16: 52.50m					
@ Rs 882: 30/each				Rs	46320~
27 Earth work in excavation					
vide TMD figs 14: 226.81m ³					
transport @ 219.00 m ³ @ Rs					
285: 71/m ³				Rs	62628~
28 Sand filling vide TMD figs					
m. 14: 10.41m ³ @ Rs 92/m ³					
@ Rs 45: 62/m ³				Rs	4497~
29 Prov. of RCC M.S. vide TMD figs					
m. 14: 15.60m ² @ Rs 10					
15.12m ² @ Rs 7229: 18/m ²				Rs	109305~
30 Prov. of laying RCC M.S. vide					
TMD figs 16: 91.14m ² @ Rs					
90.84m ² @ Rs 9191: 52/m ²				Rs	834958~
31 Back filling vide TMD figs					
m. 16: 57.60m ³ @ Rs					
2535: 65/m ³				Rs	2036530
32 Prov. of weep hole vide TMD					
figs 16: 75.00m ² @ Rs					

Continuation

Total Rs 12,57,410~
1,25,74,102~

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
@ Rs 103 = 40 / Ea				R	8272 ~
$\frac{33}{41}$ Port & Larry Sould of h					
side Tm kps 16 = 25.60					
@ Rs 4/44 = 48 / L?				R	313319 ~ 238719 ~
$\frac{34}{42}$ Supplying, fitting and					
placing 1450 bar side Tm					
kps 16 = 6.44 mt @ R					
77306 = 00 / MT				R	497851 ~
Total Rs					1,33,93,544 ~
less 10% on per square Rs					1339354 ~
Total Rs					1,20,54,190 ~
less previous bid amount Rs					50,91,190 ~
Total Amount Rs					69,63,000 ~

Accepted
28/11/2022
JL

Received
28/11/2022
A.E.

Material Statement

1. E/W : 3632.58 m²
2. Stone metal = 110.08 m³
3. Crushed Sand = 8.70 m³
4. Screening material = 17.81 m³
5. SS-1 : 6.117 MT
6. RS-1 : 1.979 MT
7. S-90 : 12.579 MT
8. Waste plaster = 1.09 MT
9. Stone Aggregate = 194.30 m³