

3

James to James 1914

~~James to James~~

11-11-15-16

11-11-15-16

James P. W. D.

E.E. R. W. D. to work A. B. A. D.

DIVISION

Assistant Engineer R. W. D. Division

Work Sub-Div - K. U. T. U. M. B. A.

MEASUREMENT BOOK.

2596

Agency - Dhamrajy K. R. Singh

5 Mand Hind Bill

Name of work - Const of road from Jamua
to Jamua tola. Under

Had M.M. G.S.Y.

Agency - Dhananjay Kumar Singh
At - Bakam Aungmye

Agreement No - 68/83D/2020-21

Agreement Value - 6976044 = 00

Date of work start - 18-08-2020

Date of Completion - 17-08-2021

Rate - 10-1. below form
B.O.Q. Rate -

①/17 Printing New letter and figuration of B12
 $3 \times 44 = 132 \text{ c.m. Letter}$

② Sub grad - 878.88 m³ up to dot & up
7 vide Pgs 25

③ Eastern shoulder - 1636.88 m³
vide Pgs 25

Continuation
2515.76 m³

④ Sub grad - 754.80 m³

⑤ Eastern shoulder - 1760.21 m³

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
		<u>Measurement</u>			
Q16 Cont of embankment do -					
boring pits - of length 100m - 1212					
Q17 gas km 2100 Calcutta hill					
Removal of					
Chaining	Fill area	Mean Area	Length	Volume	
	m ²	m ²	m	m ³	
0	3.310				
50	7.889	5.600	50	279.975	
100	2.757	5.323	50	266.150	
150	4.425	3.591	50	179.55	
200	5.126	4.775	50	238.75	
250	8.603	6.865	50	343.225	
300	7.800	8.202	50	410.075	
350	3.555	5.678	50	283.875	
400	7.209	5.382	50	269.100	
450	5.837	6.523	50	326.150	
500	6.257	6.047	50	302.350	
550	2.316	4.287	50	214.325	
600	3.236	2.776	50	138.800	
650	4.713	3.990	50	199.425	
700	5.560	5.152	50	257.575	
750	5.116	5.338	50	266.900	
800	4.936	5.026	50	251.300	
850	3.935	4.436	50	221.775	
900	4.713	4.324	50	216.200	
950	4.296	4.505	50	225.225	
1000	2.845	3.571	50	178.525	
1050	3.500	3.173	50	188.625	
1100	2.745	3.123	50	158.125	
1150	3.900	3.323	50	166.125	
1200	3.200	3.550	50	177.50	

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
					<u>B.P. Qty = 5717.00 m³</u>
Procut					
By Sub-grade and					(-) 3733.25 m ³
Waste Pits					
eastern shoulder					<u>1988.75 m³</u>
② eastern shoulder					1750.71 m ³
③ G.B.X-1					873.99 m ³
④ W.B.M. X-3					<u>344.25 m³</u>
					3733.25 m ³
Other					
14/10/21					
GE					

Abstract of cost

- ① Lining and framing of
wearing Pile B.M.Pile-d
Qty of T.M.B.R. (26) 2 m³
@ 4004 = 03/No - R- 8008 = 0
- ② Lining and framing of
Reference Pile - d - E.I.
Qty of T.M.B.R. (26) 4 m³
@ 1820.62/No - R- 7282 = 0
- ③ clearing and Graveling
road bed - d - E.I.
Qty of T.M.B.R. (22) 0.84 Hectare
@ 51133 = 76/Hectare R- 42952 = 0
- ④ Lining - d - Box Culvert - d - E.I.
Qty of T.M.B.R. (24) 47.25 m³

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
⑤ Const of cont bank with - d disposed at side d-CL					
Qty side T.M.B.R. ⑤ = 28.35 m ²					
⑥ 2h = 1/m ³ - R 740 = 0					
⑥ Const of cont bank with with d natural cont from barrow hole d-lamp 100m - d					
Qty side T.M.B.R. ⑥ = 1883.7 m ²					
⑦ 131 = 03/m ³ - R 259931 = 0					
⑦ Const of cont bank shoulder - d barrow pit - d					
Land up to 1000m - d-CL					
Qty side T.M.B.R. ⑦ = 754.80 m ²					
⑧ 176 = 58/m ³ - R 133282 = 0					
⑧ Const of cont bank shoulder - d barrow pit					
- d barrow pit					
- d barrow pit 100m [CL]					
Qty side T.M.B.R. ⑧ = 1760.21 m ²					
⑨ 141 = 17/m ³ - R 248489 = 0					
⑨ Const of cont bank Sub base - d - d					
G.S.D.G. 1 - d - CL					
Qty side T.M.B.R. ⑨ = 871.06 m ²					
Set limit 873.99 m ²					
⑩ 2700258/m ³ - R 2360279 = 0					
⑩ Linking cont bank and cont bank of b.B.M. 9/3 - d-CL					
Qty side T.M.B.R. ⑩ = 344.25 m ²					
⑪ 3834 = 63/m ³ - R 1320071 = 0					

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(11) Smiling and applying Primer Coat with enamel (SS) - d - 125					
Qty of T.M.B.R. (9) = 4590.00 m ²					
@ 45.13/m ² - R- 207146 = 00					
(12) Smiling and applying tack coat with bottom enamel (RS) - d - 125					
Qty of T.M.B.R. (9) = 4590.00 m ²					
@ 15.234/m ² - R- 70410 = 00					
(13) Smiling laying and Rolling of - d - d - Primer Sealing Material of same kind - d - 125					
Qty of T.M.B.R. (9) = 4590.00 m ²					
(14) @ 20.7 = 93 m ² R- 95439820					
(14) Smiling and forming M15 Killa nicha Stone - d - d - 125					
Qty of T.M.B.R. (6) = 3 m ²					
@ 20.93 = 831 No - R- 6281 = 00					
(15) Smiling and forming of 200mm Stone (face of)					
- d - d - 125					
Qty of T.M.B.R. (5) = 4 m ²					
@ 571 = 28/ No - R- 2285 = 00					
(16) Smiling and forming of typhoid					

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(24) Lining and lagging of half of diaphragm - d Round Masonry - d B.T Qty of masonry (23) 240 m ³ ⑧ $735 = 44/m^2 - R$ 176505 =					
(25) Lining Plating of trench - d - 2 masonry - d Qty of masonry (27) 120 m ³ ⑧ $815 = 26/m^2 - R$ 97831 =					
(26) Lining and lagging of - d - 300 mm diaphragm across of trench - d B.T Qty of masonry (24) 20 m ³ ⑧ $904 = 82/m^2 - R$ 27144 =					

(27) B.W in excavation for foundations of structure - d Qty of masonry (22) 89.39 m ³ ⑧ $269 = 32/m^2 - R$ 24077 =					
(28) Lining of Pore M.B. 28 Lining in foundation - d Qty of masonry (26) 13.79 m ³ ⑧ $5065 = 22/m^2 - R$ 69863 =					
(29) Lining of Run Canal Concrete M.B. for Sub- structure - d B.T Qty of masonry (24) 101.22 m ³ ⑧ $5861 = 42/m^2 - R$ 593292 =					
(30) Lining and lagging of M.B. of 1000 mm dia Qty of masonry (24) 22.50 m ³ ⑧ $22.50 = 0.1/m^2 - R$ 85506 =					

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(21) Single painting Coat on plastered wall etc. Qty in sq. m. R. 26 61.92 m ² @ 97 = 15/m ² — R. 6018 = 00					
(32) Dismantling of existing structure - d. Cement concrete Qty in cu. m. R. 23 1.15 m ³ @ 484 = 78/m ³ — R. 557 = 00					
(33) Dismantling of existing structure - d. Brick masonry - d. Cement masonry Qty in cu. m. R. 23 32.35 m ³ @ 231 = 77/m ³ — R. 8033 = 00					
(34) Removal of all types of items from site - d. etc. Qty in cu. m. R. 23 13.00 m ³ @ 174 = 78/m ³ — R. 2272 = 00					
Up to 600 mm dia. item from Qty in cu. m. R. 23 13.00 m ³ @ 174 = 78/m ³ — R. 2272 = 00					
Total R. 6855266 = 00					
Add 10% for 12% & GST 12% @ R. 891177 = 00					
Total R. 7746383 = 00					
Less 10% for 12% Agreement @ R. 774638 = 00					
Net R. 6971745 = 00					
Less 5% for Agreement @ R. 6176647 = 00					
Net R. 795098 = 00					
24/11/22 JB					
C8F					
25/11/22					
25/11/22					