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To Sri. Babhan Ram A.E. R.W.D.
Work Sub-Div. Kutumba

10/7/20

Executive Engineer
Rural Works Division, m
Works Division, Karnataka

10/7/20

Schedule XLV - Form No. 134.

E.E. A. bad DIVISION

A.E. Kutumba SUB-DIVISION

MEASUREMENT BOOK

211604 (2899)

Name of officer Sri Babhan Ram A.E.
Kutumba

Date of first entry

Date of last entry

विद्या मण्डलिका सेवा, मद्रास :

Particulars	Details of actual measurement			Contents of area
	No	L	B	
2nd on A/c Bill				
Name of Work - Construction of Road from				
Manar Gopal Road to				
Nawabganj Road under				
Head M.M. G.S.Y				
Agency - Sri Santosh Kumar				
Dubey, Harcharanully				
Arranged.				
Agreement No - 428.B.D/2020-21				
Start Work Start - 08/06/2020				
Start Completion - 07/03/2021				
Rate - 10% below Am B & Q				
Rate - 10% below Am B & Q				

Abstract of Work

① Survey and fixing

of B.M. Pillars - d-41

Qty vide T.M.B. P & N (18)

= 1 No.

@ 3998 = 68/each R 3998 = ∞

② Survey and fixing of

Refined Pillars - d-41

Qty vide T.M.B. P & N (18)

= 2 No.

@ 1817 = 92/each R 3636 = ∞

③ clearing and grubbing

road land - d-41

Qty vide T.M.B. P & N (5)

= 0.36 hectare

@ 51133 = 76/each R 18408 = ∞

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L	B	

④ Excavation for roadwork
in sand - d - Box

Cutting - d - 21 I

Qty of T.M.B.R. (5) 50.40 m³

11 M.B. 1753 (19) 5.00 m³

55.40 m³
24.54.60 m³

⑧ 74 = 12/m³ - R - 4049 = 0

⑤ Construction of embankment
- d - Method of measurement

Sett - d - d - B.I.

Qty of T.M.B.R. (6) = 30.24 m³

11 11 1753 P (19) 3.00 m³

33.24 m³

24.21 - 32.76 m³

⑧ 26 = 11/m³ - R - 855 = 0

⑥ Construction of embankment
- d - Method of measurement

Sett - d - d - B.I.

Qty of T.M.B.R. (7) = 186.87 m³

11 11 1753 P (19) 3.00 m³

186.87 m³

⑧ 13 = 03/m³ - R - 244354 = 0

⑦ Construction of sub grade
and earthwork shoulder

- d - Land - 1000 M

Qty of T.M.B.R. (8) = 114.26 m³

114.26 m³

⑧ 176 = 58/m³ - R - 20176 = 0

⑧ Construction of earthwork
shoulder - d - Land - 100 M

Qty of T.M.B.R. (9) = 266.06 m³

266.06 m³

⑧ 141 = 17/m³ - R - 37560 = 0

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L	B	
③ Finishing - d -				
G.B.B. 9/11 - d - B.I.				
Qty of T.M.B. No. ⑥		271.16 m ²		
" " M.B. 1753 P. ④		22.38 m ²		
		293.54 m ²		
④ 2686 = 24/m ² - R. 788510 = ∞				
⑤ Finishing - d - d -				
W.B.N. 9/11 - d - B.I.				
Qty of T.M.B. 1753				
R. No. ⑤ = 149.012 m ²				
⑥ 3817 = 25/m ² - R. 568816 = ∞				
⑦ Finishing and applying				
Primer coat - d -				
Emulsion (S.S.) - d - B.I.				
Qty of T.M.B. No. 1753				
R. ⑦ = 1986.82 m ²				
⑧ 45 = 12/m ² - R. 89645 = ∞				
⑨ Finishing and applying				
Tack coat - d -				
Emulsion (R.S.) - d - B.I.				
Qty of T.M.B. No. ⑩				
(as same as) No. ⑦				
= 1986.82 m ²				
⑩ 18 = 34/m ² - R. 30478 = ∞				
⑪ Finishing, laying				
and compating - d -				
Brick mix & plastering				
Method of 20mm - d -				
Qty of T.M.B. 1753 R. ⑫				
= 1986.82 m ²				
⑫ 20 = 59/m ² - R. 412444 = ∞				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
⑭ Frabey and Jimmy Rice Mill Kilomiter Store - d. B.I. Ordinary K.M. Store (Forecast) Qty of M.B. No 1753 R (22) = 2 Nos @ 2089 = 16/each R 4178 = 6					
⑮ Frabey room Store (Forecast) Qty of M.B. No 1753 R No - (22) = 2 Nos @ 570 = 41/each R 1141 = 0					
⑯ Frabey and Jimmy of Typical M.M. Q.S.Y Informations sign Board - d. B.I. Qty of T.M.B. R (2) = 2 Nos 1141 1753 R (2) 2 Nos 4 Nos @ 9311 = 58/each R 37246 = 0					
⑰ Frabey New letter 2 sign - d. B.I. Qty of M.B. 1753 R (22) = 88.00 letter @ 52/CM/letter/height R 46 = 6					
⑱ Frabey boundary Lilium / Guard post → d. d. B.I. Qty of M.B. 1753 R (22) = 16 Nos @ 471 = 85/each R 7549 = 60					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(19) Sidewalk and framing of road - to cutting - to Informing sign - to do - to U.I @ Hyderabad M.D. 1753 P (22) 600mm equilateral triangle = 4 Nos @ 3727 = 57/each R - 14910 = 0					
(21) 800mm x 600mm rectangular sign = 2 Nos @ 6955 = 96/each R - 13945 = 0					
(22) 600mm x 450mm rectangular = 2 Nos @ 4852 = 79/each R - 9706 = 0					
(23) 900mm side octagonal = 2 Nos @ 8878 = 86/each R - 17758 = 0					
(24) Sidewalk and layings of telegraph - to Road Marking on BT Subur - to U.I @ Hyderabad M.D. 1753 P (23) = 103.35 M ² @ 735 = 44/M ² R - 76008 = 0					
(25) Sidewalk Slabbing of Trams - to U.I @ Hyderabad M.D. 1753 P (23) 52 Nos @ 815 = 24/each R - 42394 = 0					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(26) Binding and laying of R.C. slip form of 300mm dia - d - 21 I					
Qty of M.B. 1753 P (23) 20 M					
@ 903 = 324 M - R - 18073 = 0					
(27) 24 W in excavation for foundation of H. P. column - d - 21 I					
Qty of M.B. 1753 P - (2)					
= 59.60 M ²					
@ 269 = 324 M ² - R - 16051 = 0					
(28) Binding P.C.M. 15 gmd (1:2:5:3) at binding - d - 21 I in foundation - d - 21 I					
Qty of T.M.B. P. No. (2)					
= 9.20 M ²					
@ 5048 = 85 M ² - R - 46449 = 0					
(29) Laying P.C.M. Cement concrete in sub structure - d - 21 I					
Qty of T.M.B. P. No. (7)					
= 67.48 M ²					
@ 5842 = 79 M ² - R - 394271 = 0					
(30) Binding and laying R.C. slip form of 1000mm dia - d - 21 I					
Qty of T.M.B. P. No. (7)					
= 15.00 M					
@ 3793 = 23 M - R - 56898 = 0					
(31) Laying of Parapak wall - d - two coats - d - 21 I					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Qty vide M.B. 1753 R ₂₃					
= 41.28 M ²					
@ 97 = 19 / M ² - R					4012 = 0
(32) Disbanding of					
existing structure - d.					
work Cement - d. - R					
Qty vide M.B. 1753 R ₂₄					
= 1.20 M ³					
@ 484 = 76 / M ³ - R					582 = 0
(33) Disbanding of					
- d. Brick Masonry					
- d. d. - R					
Qty vide M.B. 1753 R ₂₄					
Cement Mortar - 34.66 M ³					
@ 231 = 77 / M ³ - R					8033 = 0
(34) Removal of type					
of Hammer d. - R					
Qty vide M.B. 1753					
R ₂₄ = 15 M					
@ 174 = 78 / M - R					2622 = 0
Total R					2994802 = 0
Add Labour & M. G.S.T. 12% @ R					389324 = 0
Total R					3384126 = 0
Less 10% Admin. Agent @ R					338413 = 0
Net R					3045713 = 0
Less Final Layout @ R					656,000 = 0
Net R					2389713 = 0
Value					
51421					
G.E.					
Jul 24/08/21					
C&P					
27/8/21					

Continuation

Particulars	Details of actual measurement				Content of area
	No.	L	B	D	
<u>Material Statement of work all Body</u>					
① Stone chips -					363.90 M ³
② Stone Mallet -					18.30 M ³
③ Local Sand -					88.00 M ³
④ Coarse Sand -					34.51 M ³
⑤ Emmentum					1.688 M ³
(I) (S)					
(II) R/S -					0.546
⑥ Bitume S. 9.0					3.774 M ³
⑦ Empty bitumen -					36 M ³
⑧ Empty cement -					495 M ³
<u>Total</u>					
57 4 21					
S.C					