~~Amba to Dihri Dallenganj~~ Dehri to Amba via Dallenganj Rd

Schedule XLV—Form No. 134.

M.M.G.S.Y

No. [illegible]

BIHAR P.W.D.

E.E R.W.D WORK A.BAD **DIVISION**

A.E KUTUMBA **SUB-DIVISION**

MEASUREMENT BOOK.

No 3061

Agency - Priya Tax

Certified That This M.B. Contain (100) Pages By Printers Matchine And Issued To Sri. BABAN RAM A.E- R.W.D Work Sub-Div. KUTUMBA

Executive Engineer
Rural Works Deptt. nt
Nom - Division. Aurangaba

5/1/21

Schedule XLV - Form No. 134.

E.E. AMBAD DIVISION.

A.E KUTUMBA SUB-DIVISION.

MEASUREMENT BOOK.

3061

213318

Sri BABAN RAM, A.E KUTUMBA

Date of this entry

Date of last entry

[illegible]

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	
1st and F.C Bill					

Name of Work - Construction of road from Dihan to Daltenganj Amba road Under Hal N.M. GB.Y
Agency - Priya Ranjan, village - Gowra P.O. Rampur Chauram Dist - Aurangabad
Agreement No -
Date of Work Start - 08/06/2020
Date of Completion - 07/03/2021

Measurement

① Finding and fixing of Working bench Mark Pillar - do - EIT - 1x1=1No

② Finding and fixing Reference Pillars do - 1 No

③ clearing and Grubbing Road land - do - EIT
2x12x30mx3.5m(AV) = 1260.00m2
2x1x7mx3.5m(AV) = 49.00m2
2569 m2
= 0.26 Hectare

Construction of boundary P. Cubic

①/27 Earth work in excavation Structure - do - do - EIT

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
H.W 2x2x4.80mx1.20x1.50m =					28.80M³
Below Pipe 2x1x5.35x1.13x0.365m =					4.41
					33.21M³
(28) Finishing M15 fcc(1:2:5:5) as backing course in foundation — do — CI					
2x2x4.0mx1.20x0.15m =					2.88M³
2x1x5.311x1.130x0.25m =					3.00M³
					5.88M³
(29) Finishing plinth course in Sub-Structure — do — do — CI					
H.W 2x2x4.0mx0.700x2.55m =					28.56M³
Footing 2x2x4.0mx0.40x0.60m =					3.856M³
					32.416M³
					~~17.730M³~~
Less for pipe 2x2x0.7857x(0.830)²x0.530 =					1.146M³
					31.25M³
(30) Finishing and laying R.C.C. pipe NP3 of 600mm — do — CI					
2x3x2.5m =					15.00m
(32) CW in excavation for foundation — do — CI					
2x6.0mx1.50mx1.5 =					27.00M³
1x4.850x1.60x0.365m					2.83M³
					29.83M³
(33) Finishing P.C.C. M15 grade in foundation — do — CI					
2x6.0mx1.50mx0.15m =					2.70M³
1x4.931x1.60x0.25m =					1.97M³
					4.67M³

Continuation

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Particulars	Details of actual measurement No.	L	B	D	Contents of area
(34) Providing plinth coat construction in Brick & trench — do — RH I					
$2 \times \frac{5.70+5.2}{2} \times \frac{1.50+0.45}{2} \times 3.18m = 33.17 M^3$					
Roof wall					
$2 \times 4.50m \times 0.40 \times 0.60m =$					$2.35 M^3$
					$35.52 M^3$
Less for pillar					
$2 \times 0.7857 \times (1.230)^2 \times 0.622 =$					$1.478 M^3$
					$34.04 M^3$
(35) Providing and laying R.C.C. pillar M15 of floor moulding from H.P. Calculated as RH I					
$3 \times 2.50m = 7.50m$					
(4) Excavation for Roadway — do — Bazar Cutting — do — RH I					
$1 \times 7 \times 30m \times 1.10m \times 0.10m = 23.10 M^3$					
$1 \times 1 \times 25m \times 1.10m \times 0.10m = 2.75$ "					
$2 \times 4 \times 30m \times 0.530 \times 0.10m = 12.72$ "					
$2 \times 1 \times 10m \times 0.530 \times 0.10m = 1.06$ "					
					$39.63 M^3$
				Balance	$38.33 M^3$
(5) Const of of embankment — do Material — do distributed as per — do RH I					
60% Qty of item No (A)					
$= 38.33 \times 60\% = 23.00 M^3$					
(6) Const of embankment — do Material — do from borrow pits — do — lead — 100 m					
Qty as per RH Calculation					

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Particulars		Details of actual measurement				Contents of area
S.N	chainage	Filling in M2	No.	L. Mean in M2	B Avg	D Length M	Volume in M3
1	0	1.645					
2	50	1.791	1.718		50	85.900 M3
3	100	3.308	2.550		50	127.475 "
4	150	2.242	2.775		50	138.750
5	200	1.154	1.698		50	84.900 "
6	250	4.079	2.617		50	130.825 "
7	300	2.197	3.138		50	156.900
8	365	2.378	2.288		65	148.688
9						873.438 M3

11/6/21
J.C

Measurement

C/S Construction of gravel

Subbase - do - do -

G.B.M of 1 - do - [illegible]

(A) Widening and [illegible]

1x7x30m x 1.10m x 0.10m = 23.10 M3

1x1x25 x 1.10m x 0.10m = 2.75 M3

2x4x30m x 0.530 x 0.10m = 12.72 "

2x1x10m x 0.530 x 0.10m = 1.06 M3

39.63 M3 (A)

(B) Scraping [illegible]

1x9.35m x 1.85m = 17.30 M2

1x10.15m x 1.30m = 19.28 M2

2x8m x 2m = 32.00 "

1x11.25m x 1.65m = 18.56 "

87.14 M2

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
		B.F	87.14M²		
1x8.70mx1.95m = 16.10"					
2x7.0mx2.00m = 28.10"					
1x9.25mx1.95m = 18.04"					
1x7.85x1.75m = 13.74"					
2x3mx1.25m = 7.50M²					
			170.62M²		
Volum = 170.62M²x0.10m = 17.06M³					(B)
(C) on Regulm Surface					
1x12x30mx4.10mx0.10m = 147.60M³					
1x1x5mx4.05mx0.10m = 2.02M³					
					(C) 149.62M³
Total G.S.B of I Work due					
= (A) + (B) + (C) = 256.30M³					
(16) Providing and fixing of					
-do- M.M. G.S.P -do-					
Sign Board -do- RI					
1x2 = 2 Nos					
(7.8) Const of Subgrade					
and earthen shoulders					
-do- from borrow pits					
-do- -do- RI					
2x12x30mx1.40mx0.20m = 201.60M³					
2x1x5.0mx0.50mx0.20m = 1.00M³					
					202.60M³
(7) Lead 1000 = 80.20M³					
(8) Lead 100m - 122.40M³					
06/8/21 J.E			06/08/21 A.E		

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
Abstract of Cost					
① Providing and fixing of working B.M. Pillar - do - complete T.M.B. Rs. ① = 1 No					
@ 3961 = 23/each R.					3961 = 00
② Providing and fixing of Reference Pillar - do - complete T.M.B. Rs. No ① = 1 No					
@ 1798 = 61/each R.					1798 = 0
③ Clearing and grubbing roadhead - do - complete T.M.B. Rs ① = 0.26 Hectare					
@ 51132 = 26/Hectare R.					13295 = 0
④ Excavating - do - do - by cutting - do - complete T.M.B. Rs No ③ = 38.33 M³					
@ 74 = 16/M³ R.					2843 = 0
⑤ Construction embankment - do - deposited at site - do - do - complete T.M.B. Rs No ② = 23.00 M³					
@ 26 = 11/M³ R.					601 = 00
⑥ Construction embankment - do - Material - do - from borrow pits - do - complete T.M.B. Rs ① = 873.44 M³					
@ 131 = 03/M³ R.					1,14,447 = 0

Continuation

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Particulars	Details of actual measurement No.	L	B	D	Contents of area
(7) Const. of bus shed and earthen shoulder — do — Lead — 10 km — do					
Qty vide T.M.B. No. (5)					
= 80.20 M³					
@ 176.58/M³ — R. 14162=0					
(8) Const. of bus shed and earthen shoulder — do — Lead — 10 km — do					
Qty vide T.M.B. No. (5)					
= 122.40 M³					
@ 141.17/M³ — R. 17279=0					
(9) Const. of granular sub-base — do —					
G.S.B. gr. I — do — Cat I					
Qty vide T.M.B. No. (5)					
= 208.30 M³					
@ 2585.61/M³ — R. 533411=0					
(10) 16 Brick layer and frame work — do — M.M. QSY — do — Bigger Bricks — do — Cat I					
Qty vide T.M.B. No. (5)					
= 2 Nos					
@ 9280.32/each R. 18562=0					
Const. of H.P. culvert T.F.H.B					
(27) D/W in ex cavation for foundation of structure — do					
Qty vide T.M.B. No. (2)					
= 33.21 M³					
@ 269.32/M³ — R. 8944=0					

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(28) Providing M15 (P.C.C 1:2:5:5)					
- do in foundation - do GI					
Qty vide T.M.B No (2)					
= 5.88 M³					
@ 4927=17/M³ R- 28972=00					
(29) Providing plain cement					
concrete M20 in Sub-					
structure - do - GI					
Qty vide T.M.B No (2)					
= 31.25 M³					
@ 5712=36/M³ R- 178511=00					
(30) Providing and laying					
R.C.C pipe M15 of 600mm					
dia - do GI					
Qty vide T.M.B No (2)					
= 15.00 M					
@ 1013=00/M R- 15195=00					
(32) Earth work in excavation from					
foundation - do GI					
Qty vide T.M.B No (2)					
= 29.83 M³					
@ 269=32/M³ R- 8026=00					
(33) Providing P.C.C (1:2:5:5)					
M15 grade in foundation - do					
Qty vide T.M.B No (2)					
= 4.60 M³					
@ 4927=17/M³ R- 22665=00					
(34) Providing plain cement					
concrete M20 in Sub-					
structure - do - GI					

Continuation

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Sch. XLV-Form No. 134 9

Particulars	Details of actual measurement No.	L	B	D	Contents of area
Qty vide TMB Pg 14 (3)					
= 34.04 MP					
@ 57 12 = 36/MP					R. 194448=0
(35) Providing and laying					
R.C.C. Pipe MPg of					
1000 mm dia [illegible]					
Cubic - do - OIC					
Qty vide TMB Pg 14 (3)					
= 7.58 M					
@ 3743=70/M					R. 28078=0
			Total		R. 1205198=0
Add below cost 17% and GST 12%					R. 156675=0
			Total		R. 1361874=0
Less 1% as per Agreement					OR. 13618=0
					Net R. 1223686=0
06/8/21			06/09/21 A.E		C&P
J.E					22/9/21

Continuation