

Rajesh Kr. Singh

Majauli Pith to Azeez Nigla

Schedule XIV - Form No. 134

11.11.2014

for the year

PHAR P.W.C.

E.E. R.W.D. WORK ARRANGEMENT DIVISION

Acc. Kattumbi. SRO DIVISION

MAJHAULI PITH

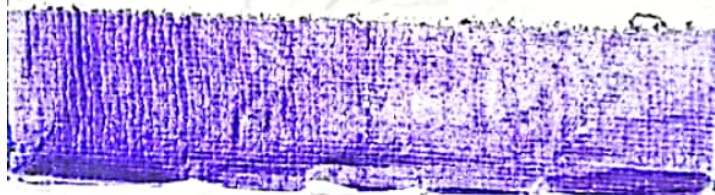
11612897

Certified That This M.B. Contain (100)
Pages By Printers Machine And Issued
To Sri..... Babao RamA.E-R.W.D
Work Sub-Div..... Kutumba

Y.M.
10/7/20

Executive Engineer
Rural Works Department
Works Division, Aurangabad

[Signature]
10/7/20



Sanctioned E.L.V. - Form No. 134.

E.E. Akbari

Divisional Engineer

A.E. Kutumba

Sub-Divisional Engineer

MEASUREMENT BOOK.

2897

111348

Shri Babao Ram A.E. Kutumba.

Date of Issuance

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 completion of the measurements relating to each work)

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

1st on AIC Bill.

Name of work - Construction of Road from
 Manghauri Litch Road to
 Azad Nagar under M.M.G.S. Road

Agency - Sri Ramesh Kumar Singh
 Roadway Contractor, Amritsar

Agreement No - 133 S.B.D/2020-21

Agreement value Rs - 4023754/-

Date of work start - 30/01/2021

Date of completion - 29/10/2021

Rate - 1st. B.O. for B.O. & R.R.

Measurement				
①/3 clearing and grubbing				
Road land - do - 21				
2x	9x	30m x 4.0m	=	2160m ²
2x	10x	30m x 3.0m	=	1800m ²
2x	1x	30m x 4.0m	=	2400m ²
2x	2x	25m x 4.0m	=	4000m ²
			=	46000m ²
			=	0.46 hectare
②/19 Finishing and fixing				
of typical M.M.G.S. Road				
Informative Sign Board				
with logo - 2 Nos				
1x	2 Nos	=	2 Nos	
Construction of 600mm dia H.P. Culvert				

Continuation

Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
③/31 E/W m excavation for					
for the structure d. of 1					
H.W.	3x2x	3.90m	1.50m	1.50m	= 40.36 m ³
plus	3x1x	5.35m	1.50m	0.365	= 6.73 m ³
					47.09 m ³
④/32 Excavation for concrete					
(1:2:4:5) as per drawing					
Coarse in foundation d. of 1					
H.W.	3x2x	3.90x	1.50x	0.15m	= 4.036 m ³
plus	3x1x	5.31x	1.50x	0.25m	= 4.580 m ³
					8.616 m ³
⑤/33 Excavation for					
concrete foundation					
in sub-structure d. of 1					
d. of 1					
H.W.					
	3x2x	3.82x	0.70x	2.50m	= 40.86 m ³
plus	3x2x	3.80x	0.45x	0.62m	= 6.36 m ³
					47.22 m ³
less for 1/4th	3x2x	0.7857x	(0.83)x	0.53	= 6.171 m ³
					45.51 m ³
⑥/34 Excavation and laying					
Rice pike MP for					
Cement (600mm) d. of 1					
	3x3x	2.50m			= 22.50 m ³
⑦/6.7					
Construction of embankment					
d. of 1 Natural 0.10m					
for borrow pits d. of 1					
level up to 100 mm and					
	100mm	d. of 1			
Qty as per drawing					

S.No	Particulars	Details of actual measurement				Contents of area	
		No.	L	B	D		
	Change in area in m ²	Fill Area in m ²	Mean Area in m ²	Length	Volume in m ³		
1	0	0.695					
2	50	2.431	1.562	50	78.150 m ³		
3	100	2.279	2.355	50	117.750		
4	150	2.175	2.227	50	111.350		
5	200	2.320	2.248	50	112.375		
6	250	2.014	2.167	50	108.350		
7	300	1.035	1.525	50	76.225		
8	350	2.331	1.683	50	84.150		
9	400	1.850	2.091	50	104.525		
10	450	1.952	1.921	50	96.050		
11	500	0.875	1.434	50	71.675		
12	550	1.520	1.198	50	59.875		
13	600	0.680	1.100	50	55.00		
14	650	1.61	1.145	50	57.250		

Total = 1132.725 m³Level up to 1000 m = 658.98 m³Level up to 100 m = 475.75 m³

⑧/4 Excavate the road in

800 - 400 (Box Cutting)

— do — do — EI

2x 8x 30m x 0.525m x 0.10m = 25.20 m³

2x 1x 10m x 0.525m x 0.10m = 1.05 "

2x 8x 30m x 0.375m x 0.10m = 18.00 "

2x 1x 10m x 0.375m x 0.10m = 0.75 "

45.00 m³

⑨/5 Constructing of embankment

— do — material deposited at side

— do — do — EI

Qty of the No ⑧ = 45 m³ x 60% = 27.00 m³Dai
8/3/21
S.R

Continuation

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

Measurement

①/10 Construction of gornala

Sub Lake - dr (G.S.B. g.l.)

— d — d — d — d

width 2x 8x 30m x 0.525 x 0.10m = 25.20 m³

2x 1x 10m x 0.525 x 0.10m = 1.05 "

1x 8x 30m x 4.100m x 0.10m = 98.40 "

1x 1x 10m x 4.05 x 0.10m = 4.05 "

128.70 m³ (A)

② In profile Corral

1x 8.15m x 1.90m = 15.48 m²

1x 7.65m x 1.85m = 14.15 "

2x 6.00m x 2.00m = 24.00 "

1x 9.10m x 1.75m = 15.92 "

1x 1.60m x 1.00m = 1.60 m²

2x 5.00m x 2.00m = 20.00 "

1x 7.35m x 1.60m = 11.76 "

2x 7.00m x 2.00m = 28.00 "

1x 1.70m x 1.00m = 1.70 m²

131.61 m²

Volume 131.61 x 0.10m = 13.16 m³ (B)

③ Sub G.S.B. g.l. for C.C. Paving

1x 5x 30m x 3.85 x 0.10 = 58.75 m³

2x 8x 30m x 0.375 x 0.10 = 18.00 "

2x 1x 10m x 0.375 x 0.10 = 0.75 "

76.45 m³ (C)

④ In profile Corral

1x 6.50m x 1.70m = 11.05 m²

2x 5.00m x 2.00m = 20.00 "

1x 1.50m x 1.00m = 1.50 m²

Volume = 32.55 x 0.10m = 3.255 m³ (D)

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
T4 G.S.B. work done					
= (A) + (B) + (C) + (D) =					221.56 m ²

②/ 11 Finishing layering					
Spreading - d - Concreting					
- d - W.D.M. g/s - 3					179.55 m ²
1x 2x 30m x 3.80m x 0.075m =					68.40 m ²
1x 1x 20m x 4.15m x 0.075 =					6.375 m ²

③/ Constant Earthwork shoulder					71.775 m ²
- d - d - G.I.					186.30 m ²

2x 10x 30m x 1.5m x 0.10m =					90.00 m ²
④/ Finishing layering 30mm dip in					
2x 3x 2.5m =					15.00 m ²

Measurement

①/ Finishing Constant					
4m reinforcement expansion					
- d - Plain cast concrete					
- Barrel - d - G.I.					
1x 13x 30m x 3.80m x 0.16 =					237.12 m ²
1x 1x 10m x 3.75m x 0.10 =					6.375 m ²
					243.495 m ²

②/ 2.2. Finishing Constant					
Earthwork shoulder - d - G.I.					
2x 8x 20m x 1.192m x 0.075m =					42.552 m ²
2x 1x 10m x 1.20m x 0.075 =					1.80 m ²
2x 8x 30m x 1.1388m x 0.20m =					133.25 m ²
2x 1x 10m x 1.1388m x 0.20m =					5.532 m ²
					183.15 m ²

02/4/21
J.E

Continuation
3.4.21
A.E

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
1st on A/C Bulb					
1st on A/C Bulb					
①/3 clearing and grubbing					
Road bed - d - 24 I					
Qty of T.M.B. No. ①					
= 0.46 m ³					
@ 51133 = 76/m ³ - R - 23522 = 0					
②/④ grading - d -					
Box culvert - d - 24 I					
Qty of T.M.B. No. ②					
= 45.00 m ³					
@ 74 = 16/m ³ - R - 3337 = 0					
③/5 Constructing					
embankment - d - 24 I					
ditch - d - 24 I					
Qty of T.M.B. No. ③					
= 27.00 m ³					
@ 26 = 11/m ³ - R - 705 = 0					
④/6 Constructing embankment					
- d - borrow pit - d - 24 I					
Lead up to 100 m					
Qty of T.M.B. No. ④					
= 475.75 m ³					
@ 131 = 03/m ³ - R - 62338 = 0					
⑤/7 Constructing embankment					
- d - borrow pit - d - 24 I					
Lead up to 1000 m					
Qty of T.M.B. No. ⑤					
= 656.98 m ³					
@ 174 = 94/m ³ - R - 114932 = 0					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
⑥/8 Constructed earthen Shoulder - d. 1.5					
Qty. vol. T.M.B					
				R ⑤ 90.00 m ³	
" " " " " " " "				R ⑤ 182.15 m ³	
				273.15 m ³	
⑦/9 Incl - 1000 m = 85 m ³					
Incl - 100 m = 188.15 m ³					
①/8 Incl 1000 m - 85.00 m ³					
② 176 = 58 / m ³ - R - 15009 =					
③/9 Incl - 1000 m = 188.15 m ³					
④ 141 = 17 / m ³ - R - 26561 = 6					
⑦/10 Ruddy G.S. & g. - T					
Qty. vol. T.M.B. R ⑤					
= 221.56 m ³					
Sum - 221.56 m ³					
② 2643 = 10 / m ³ - R - 585578 =					
⑧/11 Ruddy - d -					
W.B.M. g.S. & d - R ⑤					
Qty. vol. T.M.B. R ⑤					
= 186.30 m ³					
② 3765 = 16 / m ³ - R - 701449 = 0					
⑨/13 Ruddy 2 fixing					
- d - M.M. G.S. & d - R ⑤					
Bad with logs - R ⑤					
Qty. vol. T.M.B. R ⑤					
= 2 m ³					
② 9298 = 44 / m ³ - R - 18597 =					
⑩/15 Ruddy 4 m ³					
Plan Cant Concrete					
Form 150 - d - R ⑤					

Continuation

Continuation
$$R.3439974 = 0$$

