

Ambar - Kharapuri Phalt Road & Beldeo Road
Agaon - 60 (SBD) / 2020-21

Schedule XLV-Form No. 134 Head-11 M.G.S.Y (E)

R.W.D (w) Jamu'

DIVISION

SUB-DIVISION

Elidam

MEASUREMENT BOOK

M.B. No - 2805

1.

Name of work -

Situation of work -

Agency by which work is executed -

Date of measurement - 1st on 1st April

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.	
Name of Road:-	Amba - Kharagpur	PM 675 Y			
Road To	Beldariya				
Agency:-	Jitendra Kumar Singh				
Al-Bukar	12.5 + Dist - Jamia				
Ag No:-	60 (SBD)	2020-21			
Date of Commencement:-	1	19.09.2020			
Date of Completion		18.09.2021			
Date of entry					
Constn Cost	Rs	9900072 = w			
Maint Cost	Rs	1723353 = q			
	Rs	11623425 = w			
1 PIV 2 fixing of working					
benchmark pillars & reference					
Pillar					
		1.80 KM			
2	Clearing 2 (rooting A)				
2	Road land including uprooting				
	wild vegetation grass bushes				
	Shrubs saplings & trees of				
	girth up to 300 mm				
	Removal of stumps of				
	Such trees cut earlier				
	& disposal of unserviceable				
	materials to be composted				

Continuation

2.

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10X	30.0	X 3.50	=	1050.00 M ²	
10X	30.0	X 3.50	=	1050.00 M ²	
10	X 30.0	X 3.50	=	1050.00 M ²	
10	X 30.0	X 3.50	=	1050.00 M ²	
10	X 30.0	X 3.50	=	1050.00 M ²	
6X	30.0	X 3.50	=	630.00 M ²	
1X	20.0	X 3.50	=	70.00 M ²	
				59.50.00 M ²	

or 0.595 Hectare

3. Constm of H.P culvert 5'x10
1000 cumi Q

3. SWR in excavation for
foundation of structure

$$H.W - 2 \times 6.45 \times 1.400 \times 1.50 = 27.09 M^3$$

$$\text{Below pipe } 1 \times 4.850 \times 1.53 \times 0.365 = 2.708 M^3 \\ 29.798 M^3$$

$$\text{For S.N.S } \times 29.798 M^3 = 148.794 M^3$$

4. P.W M-15 (P.C.E.C (2.515) m
31 open foundation

$$H.W - 2 \times 6.45 \times 1.40 \times 0.150 = 2.709 M^3$$

$$\text{Below pipe } 1 \times 4.931 \times 1.53 \times 0.250 = 1.886 M^3 \\ 4.595$$

$$\text{For S.N.S } \times 4.595 M^3 = 22.975 M^3$$

5. P.C.E.C / R.E.C (M-20) in Substructure
32

$$H.W - 2 \times 6.150 \times 0.825 \times 3.180 = 32.269 M^3$$

$$\text{Parapet } 2 \times 6.150 \times 0.4 \times 1.00 = 4.920 M^3$$

$$\text{Lena for pipe } 2 \times 0.7857 \times 1.23^2 \times 0.622 = 14.78 M^3$$

$$35.711 M^3$$

$$\text{P.W S.N.S } \times 35.711 M^3 = 178.55 M^3$$

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	131 P 8.14	23.8.428			M^3
$10 \times 30.0 \times 4.05 \times 0.200 = 243$					M^3
$1 \times 20 \times 4.05 + 4.80 + 4.05 \times 2.00 = 17.200 M^3$	3				
$1 \times 10 \times 4.05 + 4.65 + 4.05 \times 2.00 = 8.500 M^3$	3				
$10 \times 30.0 \times 4.05 \times 2.00 = 243.0 M^3$					
$10 \times 30.0 \times 4.05 \times 2.00 = 243.0 M^3$					
$10 \times 4.05 + 4.65 + 4.05 \times 2.00 = 8.500 M^3$	3				
$20 \times 4.05 + 4.85 + 4.05 \times 2.00 = 17.266 M^3$	3				
Total Qty	1018.894				M^3
<u>$\frac{1}{2}$ WBM Gr. ii</u>					
Providing laying spreading & compacting stone Aggregate at specific sizes to WBM					
gs iii including spreading in uniform thickness & hand packing rolling with three wheel -					
$2.5 \times 3.75 + 5.0 + 3.75 \times 0.075 = 7.812 M^3$	3				
$5 \times 3.75 + 3.85 + 3.75 \times 0.075 = 14.18 M^3$	3				
$7 \times 30.0 \times 3.75 \times 0.075 = 59.062 M^3$					
$1 \times 20.0 \times 3.75 + 4.05 + 8.75 \times 0.075 = 5.975 M^3$	3				
Qty = 74.067 M^3					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
14/3A	222	for G.C. portion			
	25 x 3.75 + 5.0 + 3.75 x 0.100 = 10.416 M ³				
	3				
	10 x 30.0 x 3.75 * 0.100 = 112.500 M ³				
	4 x 30.0 x 3.75 x 0.100 = 45.000 M ³				
	5 x 3.75 + 4.80 + 3.75 x 0.100 = 2.050 M ³				
	3				
	169.966 M ³				
14/4	Cable Duct Across the Road				
5	PVC laying R.c.c Pipe duct-				
	300 mm dia across the Road				
4	4 x 7.50 = 30.00 M ³				
15/29	Providing 2 fixing of Typical MM65x information				
	Sign Board with 'Logo'				
	4N15				
	A.E				
	65M				
	Duct				
	MM65				
	120				
	75				
	50				
	40				
	30				
	20				
	15				
	10				
	8				
	6				
	5				
	4				
	3				
	2				
	1				
	0				

Continuation

1st on 9/10 Bill

ABSTRACTS

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. Providing 2 fixing Wording benchmark pillar					
2 Reference pillars					
Bt/wide fage no 1 in T.M.B					
1.70 KM					
QB 31942 = 761 KM					Rs 543112=
2 clearing & grubbing RD land					
Bt/wide fage no 2 in T.M.B					
0. 595 H.a.e					
QB 51133 = 761 H.a.e					Rs 304252
3 q/w eis excavation for					
foundn of Structure					
Bt/wide fage no 2 in T.M.B					
148. 99 M ³					
QB 294 = 731 M ³					Rs 439122
4 P.W. p.c.e M-15 (1:2.5:5)					
3) in open foundation					
Bt/wide fage no 2 in P.M.B					
22.975 M ³					
QB 45912 481 M ³					Rs 1054892
5 P.c.e / R.c.e M-20 eis Sab					
32 Structure					
Bt/wide fage no 2 in T.M.B					
17.8. 55 M ³					
QB 5716 205 M ³					Rs 10 20 601 =
Total Rs 1254738 =					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$\text{BIFR } 1254738 \text{ m}^2$
6 33	Providing & laying R.c.e Ribe Nos for culvert on RS				
	Clay bedding of P.c.e (M-10)				
	Qty wide page No 3 in T.M.B				
	37.500 M ³				
	$\text{CB } 335 = 2638/\text{m}^3$				$\text{B } 125724 \text{ m}^2$
7 34	Painting two coats including primer coat after filling the Surface with synthetic enamel paint in all shades on new plastered / concrete surface				
	Qty wide page No 3 in T.M.B				
	103.20 M ²				
	$\text{CB } 97=19/\text{m}^2$				$\text{B } 10030 \text{ m}^2$
8 3	Construction of Embankment with material obtained from borrow pits with at lift up to 1.5 M For 1000 M load				
	Qty wide page No 3 in T.M.B				
	353.20 M ³				
	$\text{CB } 175=22/\text{m}^3$				$\text{B } 61888 \text{ m}^2$
$\frac{9}{4}$	For 100 M load				
	Qty wide page No 3 in T.M.B				
	79.060 M ³				
	$\text{CB } 135=12/\text{m}^3$				$\text{B } 10683 \text{ m}^2$

Continuation

Total $\text{B } 1463063 \text{ m}^2$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	B1F P	33	80	8070 m	
8ty wide tape No 7 in PHB					
	481. 504 M ³				
OB 1844 = 050/4 ³					R 887917 m ²
13 Construction of GSB 7					
12 by providing well graded material spreading in uniform layers with factor mounted on prepared surface					
For A.T. Postion					
8ty wide tape No 8 in PHB					
	169. 966 M ³				
OB 1374 = 46 P ³					R 233611 m ²
14 Providing & laying of					
15 R.e.e Pipe due 300 cm & across the road					
8ty wide tape also 8 in PHB					
	30. 00 M ³				
OB 1574 = 28/ M ³					R 47228 m ²
15 Providing & fixing of					
29 typical MMGSY informative sign Board with 'Logo'					
8ty wide tape No 8 in PHB					
	4N-5				
OB 9256 = 50 each					R 370262 m ²
					R 4586 589 m ²

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
P. I. P. B	45	86.5	89 = 0		
ADD 12' 6" Cx 5' ^{(+) B}	5	50	391 = w		
ADD 1' 6" L-eess + B		458	66 = w		
B	51	82.8	46 = w		
Less 10' 0" on per					
Agreement	518	285 = w			
Carry	B 46	64.5	61 = w		
³ 15(5) 20					
AB 05.05.21 36					
Material statement for this P. I. I.					
W.W 1.25 x 33.66.50 M ³					
W.B 85 P 1018.894 + 169.966 = 1188.86 M ³					
53 mm to 9.5 mm: 713.076 M ³					
C.B 516 = 421 M ³					
9.5 mm to 2.36 W.W = 285.326 M ³					
C.B 411 = 331 M ³					
C. sand = 427.989 M ³					
C.B 150 = 80 M ³					
W.B M 85 P: 481.509 M ³					
53 mm to 2.4 mm = 58.2.619 M ³					
C.B 458 = 221 M ³					
stone screening = 115.560 M ³					
C.B 345 = 52 M ³	Continuation				