Agency - Satish Kr. Singh (Dihri)

Bari[illegible]wa Dulhwa - M.M.G.S.Y

Schedule XLV—Form No. [illegible]

[illegible]

BIHAR P.W.D.

E.E. R.W.D. work Aurangabad DIVISION

A.E. - Kutumba SUB-DIVISION

MEASUREMENT BOOK No. 2851

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.....Madanpur.....

10/7/20

Executive Engineer
Rural Works Department
Works Division, Aurangabad

10/7/20

Schedule XLV – Form No. 134.

E.E. Aurangabad DIVISION.

A.E. Kutumba. SUB-DIVISION.

MEASUREMENT BOOK.

2852

511446

Sri Baban Ram A.E. Kutumba.

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 comm... ment of the measurements rel...ng to each wor...

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D	
	1st	on A/C Bill			
Name of Work –	Barjyalwan to Buchya Barjyalwa Road M.M.GSY				
Agency –	Satis Kumar Singh At New Atoka Station Road Dehri on Sone				
Agreement No –	258 BD / 2020-21				
Agreement value –	Rs. 46,06,289=00				
Date of Work Start –	30/7/2020				
Date of Completion –	29/7/2021				
Rate –		10%	Below the	B.O.Q Rate	

	Measurement			
①/3	Clearing and Grubbing road land By Manual Means) – do –		Ch I	
2	6	30m x 3.50	=	1260.00 M²
2	1	30m x 4.0m	=	240.00 "
2	5	30m x 3.50m	=	1050.00 "
2	1	20m x 4.00	=	160.00 "
2	1	10m x 3.50m	=	70.00 "
2	12	30 x 3.50	=	2520.00 "
				5300.00 M²
			=	0.53 Hectare
②	17 Nos	Supply and fixing of typical M.M.G.S.Y Information Signe Board with Logo –		2 Nos

– do – Ch I Continuation

Sch. XLV-Form No. 134

Particulars	No.	L	B	D	Contents of area
Construction of 600mm dia H.P Culvert					
(3)/28 E/W in excavation for foundation of structure -do- CI					
H.W -	5x2x	3.90m x	1.15x	1.50m =	67.28 M3
Below Pipe -	5x1x	5.350x	1.13x	0.365	= 11.03 M3
					78.31 M3
(4)/28 Providing M15 (P.C 1:2.5:5) -do- Plain Concrete in -do- foundation -do- CI					
H.W.	5x2x	3.90 m x	1.15x	0.15 =	6.72 M3
Below Pipe	5x1x	5.311	x1.140x	0.250 =	7.56 M3
					14.28 M3
(5)/30 Providing Plain Cement Concrete M15 in Substructure -do- -do- CI					
H.W	5x2x	3.60m x	0.70m (av)	x 2.784 =	70.06 M3
Parfet	5x2x	3.60m x	0.45 x	0.60m =	8.85 M3
					78.91 M3
Less for	5x2x	0.785 x	(1.8)^2 x	0.5 =	2.30 M3
					76.61
(6)/31 Providing and laying Rcc Pipe NP3 of 600mm dia for Culvert -do- CI					
	5x	3x	2.50m	=	37.50 M
(7)/27 Providing and laying of a reinforced Cement Concrete pipe -do- 300mm dia across of the road -do- -do- CI					
	2x	4 x	2.5m	=	20 M
(8)/4 Construction of Subgrade embankment and earthen shoulder with material obtained borrow pits -do- -do- CI					
Qty as per	DLC	Calculation	Chart		

Continuation

Sch. XLV-Form No. 134 3

Particulars			Details of actual measurement				Contents of area
			No.	L	B	D	
S.No	Cha	Fill in m	Area m2	Mean in m	Area m2	Length in M	Value in M3
1	0	1.26					
2	50	1.406		1.333		50	66.650 M3
3	100	0.923		1.165		50	58.225 "
4	150	0.857		0.890		50	44.50 "
5	200	0.765		0.813		50	40.65
6	250	0.994		0.882		50	44.075 "
7	300	0.812		0.903		50	45.150 "
8	350	0.993		0.903		50	45.125 "
9	400	0.689		0.841		50	42.050 "
10	450	0.890		0.790		50	39.475 "
11	500	0.756		0.823		50	41.150 "
12	550	0.919		0.838		50	41.875
13	600	0.155		0.537		50	26.850
14	650	0.250		0.203		50	10.~~875~~ 125
15	700	0.185		0.218		50	10.875 "
16	750	0.385		0.285		50	14.250 "
							571.025 M3

9/1 Providing & fixing of Working Benchmark Pillars – do – d-EII

1 No

10 5, 6 Construction of Sub-grade and earthen Shoulders to [illegible] – d-EII

25 x 30 m x 7.276 m (av) x 0.30 m (av)

= 1637.10 M3

[signature]
26/4/21
SE

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L	B	D	Contents of area
		Measurement			
(1) 7 Construction of granular sub base — do — do —					
G.S.B Grading-1 — do — do —					I
	6	30m	4.05m	0.20m	= 145.80 M³
	1	30m	5.05m (Av)	0.20m	= 30.30 "
	18	30m	4.05m (Av)	0.20m	= 437.40 "
					613.50 M³
(2) 8 Providing laying Shrinkage compacting G.S.B M.B — do — do —					I
	1	25	30m	3.75m	x 0.075m = 210.94 M³
Extra	1	1	30m	1.38m (Av)	x 0.075 = 2.93 M³
					213.87 M³
(3) 5.6 Constructing Subgrade and shoulders — do — do —					I
	2	25	30m	1.38m (Av)	x 0.20m = ~~207.00~~ 414.00 M³
	2	25	30m	1.18m	x 0.075 = 132.75 M³
					546.75 M³
Add 3 times					1637.10 M³
					2183.85 M³
(1) for lead - 100 m	Shrinkage	(6)	(A)	(6)	1530.49 M³
(2) for 9 lead - 1000 m	Shrinkage	10	(5)	(B)	653.36 M³

17/5/24
J.E

31.5.24
J.E

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L	B	D	Contents of area
	1 Set of A/C Bill				
	Abstract of Cost				
① Bridging and fixing of					
working B.M Pillar					
— do — d — CI					
Qty vide T.M.B Pg No ②					
	= 1 No				
@	39	61 = 23/each			R- 3961=00
③ clearing and Grubbing					
road land — d — CI					
Qty vide T.M.B Pg ①					
	= 0.53 hectare				
@	51	133 = 76/hectare			R. 27101=00
④					
Construction of embankment					
— do — obtained from borrow					
pits — do — CI					
Qty vide T.M.B Pg No ③					
	= 571.025 M³				
@	131 = 03/M³				R. 74821=00
⑤/b Construction of Sub grade					
and earthen Shoulder					
100M do — d — CI					
Qty vide T.M.B Pg N - ③ ④					
=	1530.49 M³				
@	141 = 17/M³				R- 216059=00
⑥/5 Construction of Sub grade					
and earthen Shoulder					
— d — lead 100 m — d — CI 5					

Continuation

Sch. XLV-Form No. 134 6

Particulars	Details of actual measurement				Contents of area
	No	L	B	D	
Qty vide T.M.B Pg.No. (4)(B)					
=	653.26 M2				
@	176 = 58/M2 - R.				115370=00
(7) Construction of granular					
Sub base - do -					
GSB gr-I - do - BI [illegible]					
Qty vide T.M.B Pg.No. (4)					
=	613.50 M2				
@	2585 = 61/M2 - R.				1586272=00
(8) Providing, laying,					
spreading and compacting					
- do - W.B.M. - B - do - BI [illegible]					
Qty vide T.M.B Pg.No. (6)					
=	213.16 M3				
@	3695 = 70/M3 - R.				7,87,775=00
(17) Providing and fixing					
of typical M.M. G.S.4					
- do - sign board - do - BI [illegible]					
Qty vide T.M.B Pg.No. (1)					
=	2 Nos				
@	9280 = 92/each R.				18562=00
(27) Providing and laying					
of a R.C.C. pipe of					
300 mm dia - do - BI [illegible]					
Qty vide T.M.B Pg.No. (2)					
=	20 M				
@	895 = 35/M - R.				17908=00
(28) Earthwork in excavation for					
foundation of structures					
- do - BI [illegible] Continuation					

Scanned with CamScanner

Sch. XLV-Form No. 134

Particulars	No	L	B	D	Contents of area
Qty vide T.M.B Pg No ②					
	=	78.30 M3			
@ Rs 269=33/M3				Rs.	21088=00
(29) Providing R.C.C. M15					
(1:2.5:5) in superstructure					
— do —		4 I			
Qty vide T.M.B Pg ③					
	=	14.28 M3			
@ Rs 4927=17/M3				Rs	70212=00
(30) Providing Plum concrete					
cover [illegible]					
details —do— 24 I					
Qty vide T.M.B Pg No ②					
	=	76.61			
Say		75.85 M3			
@ Rs 5712=36/M3				Rs	433282=00
(31) Providing and laying					
R.C.C. [illegible] NP3 of dia					
[illegible] for Culvert -do- 4 I					
Qty vide T.M.B Pg ②					
	=	37.50 M			
@ Rs 1013=00/M				Rs.	37987=00
				Rs	3410398=00
Add labour cess 1% + GST 12%				(+) Rs	443352=00
				Rs	3853750=0
Less 1% As per Agreement				(−) Rs	38537.5=0
				Net Rs.	3468375=0
[signature] 17/5/21 J.E		[signature] 31.5.21 AE			CSP [signature] 5/6/21

Continuation