Samda Balugani Pch. to Bhalunai Khurd.

[redacted]

Attached

[redacted]

BIHAR P.W.D.

E.E. R.W.D Arbad DIVISION

Assistant Engineer R.W.D SUB-DIVISION

work Sub-Div-Kutumba.

MEASUREMENT BOOK. NO {2601}

Gopalganj (Bihar)

certifide that this M.B contain 100 (one hundred) Pages by printers & machine and Issued by Sri Baban Ram A.E. R.W.D work sub-Divi-Kutumba.

10/7/20

Executive Engineer
Rural Works Dipartment
Works Division, Aurangaba

10/7/20

Schedule XLV - Form No. 134.

E.E R.W.D Arbad DIVISION.

Assistant Engineer SUB-DIVISION.

R.W.D work sub-div-Kutumba.

MEASUREMENT BOOK.

2601

211603

Name of Work Sri Baban Ram A.E
R.W.D work sub-div-Kutumba

Date of first entry

Date of last entry

बिहार गवर्नमेंट प्रेस, पटना।

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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 or area
	No.	L.	B.	D.	
1st ON A/C BILL					
Name of Work:- Construction of Road from Bulewari Khurd to Sanda to Bulewari Road (MMGSY-SC)					
Agency:- Satish Kumar					
Agreement No:- 15 SBD/2020-21					
Date of Work Start -				08-06-20	
Date of Completion (As per Agreement)				07-03-21 ~~08-06-20~~	
				0	
(1) Clearing & grubbing Road Land etc -					
2X17X30MX350M				= 3570.00 M²	
				or 0.36 Hectare	
(2) Setting out					
(a) Bench mark				— 1 NO	
(b) Reference pillars				— 2 NO	
(3) Providing & fixing of Typical informatory Sign Board with Logo				— 1 NO	

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(4) Box Cutting - etc -					
2X2X30MX0.525MX0.100M					= 22.050M³
2X10X30MX.325MX0.100M					= 22.050M³
					44.256M³
(5) Const of Embankment					
Qty 60% of Item No-(4)					= 26.23 M³
(6) Const of Embankment					
Qty As per graph attached					
					= 1382.29M³
(a) For 1000m lead					
Allowed					
49.53% of Qty 1382.29M³					= 684.64M³
(b) For 100m lead					
Allowed					
50.47% of Qty 1382.29M³					= 697.64M³
		H.P. Cutter - 3 No (600mm dia)			
(7) F/W in excavation for					
structure of foundation -					
3X2X3.9X1.150X1.50					= 40.365M³
3X1X5.325X1.13X0.365					= 6.619M³
					46.984M³
					Say to 46.98M³
(8) Providing PCC M15 - -					
3X2X3.9X1.15X0.150					= 4.0365M³
3X1X5.311X1.13X0.250					= 4.5010M³
					8.5375M³
					Say to 8.54M³

Continuation

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(6) Providing PCC M20 in sub structure -					
3X2X3.6X0.07X2.08					= 42.0336M³
3X2X3.6X0.4X0.60					= 50.184 M³
Less for Pipe - 3X2X0.7855X (0.63)²X.53(-)					1.7212M³
					49.4964M³
					Limited to 45.50M³
(7) Providing Pre Pipe of 600mm dia (NP-3)					
3X3X2.5M					= 22.50M.
(1) Construction of Sub grade - etc -					
2X7X30X1.182X0.075					= 37.233M³
2X7X30X1.388X0.20					= 116.592M³
2X10X30X0.375X0.160					= 36.000M³
2X10X30X0.375X0.075					= 16.875M³
2X10X30X0.375X0.100					= 22.500M³
					229.20M³
					Limited to 229.19M³
		(a) For BT -			68.76M³
		(b) PCC -			160.43M³
(1D) Construction of granular Sub base - (Pot-Patch)					
3.5X3					= 49.00M²
6X0.14X3.00					= 144.00M²
					189.00M²

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
		B/F			189.00M²
	6X	5.00M	X1.00M	=	40.00M²
	1X	1.00M	X0.50M	=	0.50M²
					229.50M²
229.5M² X 0.100M (Avg thickness)					= 22.95M³
(a) BT Portion					
2X2X30X.5	25X0.100M				= 22.05M³
2X30X4.050X0.100M					= 85.05M³
(b) PCC Portion					
2X10X30X.3725X0.100M					= 22.50M³
Curb 2X14.4M X.9M X0.1M					= 2.59M³
					1.52.14M³
(13) Providing spreading & Compacting W.B.M grade-III					
(a) BT Portion					
1X2X30M X3.725M X0.075M					= 59.06M³
1X10X30M X3.725M X0.075M					= 84.38M³
Curb 2X2X10.68X.9M X.075M					= 2.87M³
					146.31M³
			Say	—	146.30M³
(14) Construction of Rigid Pavement					
10X30M X3.725M X0.160M					= 180.00M³
Curb 2X12.06M X.9M X0.16M					= 3.60M³
					183.60M³

Continuation

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(15) Providing RCC 300 mm dia drainage out det pipe					20.00 ~~20.00~~
Pancell 20/3/21 J.Eldeo				20.3.21 A.E	
Pancell 20/2/21 J.Eldeo					

Continuation

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
ABSTRACT OF COST					
(1) Clearing & grubbing					
Qty wide to M.B. Pt-1					
0.36 Hect					
@Rs 1133.76/Hect. Rs					1640 8=00
(2) Setting out					
(a) Bench mark					
1 NO @Rs 3961.23/NO - Rs					3961=00
(b) Reference Pillars					
4 NO @Rs 1995.61/NO - Rs					3997=00
(3) Providing & fixing					
Logo - do - - -					
4 NO @Rs 9260.92/NO Rs					37124=00
(4) Boxcutting - do -					
44.95 M3					
@Rs 74.16/M3 - Rs					3304=00
(5) Const of Embankment					
26.23 M3 @Rs 26.11/M3 - Rs					698=00
(6) Const of Embankment					
(a) For 1000 M lead - -					
664.64 M3 @Rs 174.94/M3 Rs					119221=00
(b) For 100 M lead					
697.64 M3 @Rs 131.03/M3 Rs					91413=00

Continuation Rs 278276=00

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
		B/F	Rs		278226=00
(7) F/W excavation for structure - - do - -					
46.98 M3					
@Rs 269.32/M3			-	Rs	12653=00
(8) Providing PCC M15 -					
6.55 M3					
@Rs 6427.17/M3			-	Rs	42078=00
(9) Providing PCC 1:3:6 in super structure - - -					
45.50 M3					
@Rs 5612.36/M3			-	Rs	255912=00
(10) Providing RCC NP/3 600mm dia Pipe - - -					
22.50 M					
@Rs 1013.00/M			-	Rs	22793=00
(11/8) Const of Sub grade - -					
~~229.19~~ M2 69.76 M3					
@Rs 176.54/M3			-	Rs	12142=00
(11/9) ~~Rs~~ Const of Subgrade					
160.43 M3					
@Rs 141.17/M3			-	Rs	22649=00

Continuation Rs 650502=00

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L	B	D	Contents of area
		B/F Rs			650502=00
(12) Const of granular sub base ... etc ... 8 to wide T-MB A-(4) 1550.14 M3 @Rs 2505.61/M3				Rs	401132=00
(13) Providing W.B.M gr-III 146.30 M3 @Rs 3695.70/M3				Rs	540691=00
(14) Const of Rigid Pavement ... etc ... 183.60 M3 @Rs 6219.16/M3				Rs	1141839=00
(15) Providing RCC 300mm dia Irrigation channel 20.00 RM @Rs 895.39/RM				Rs	17908=00
				Rs	2752061=00
Add 13% (G.ST + 1% cess)				+ Rs	357768=00
				Rs	3109829=00
Less 10% below Rs per Agreement				(−) Rs	310983=00
Payable Amt				Rs	2798846=00

Continuation Rs ~~2752061=00~~

B/F Rs payable Amt = Rs 27998/46

Sch. XLV-Form No. 134 9

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
	B/F Rs				275206/00
Less 10% below Rate agreement					Rs 275206=00
Not Payable				Rs	~~2426865=00~~
					27,98846=00
P.Nayak 20/2/21 J.E			20.2.21		
P.Nayak 20/2/21 J.E		CBP			20/3/21

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